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THE UNIVERSITY OF NEW MEXICO

2001-2002
ANNUAL REPORTS

VOLUME 1

ANNUAL REPORTS
2001-2002

VOLUME 1

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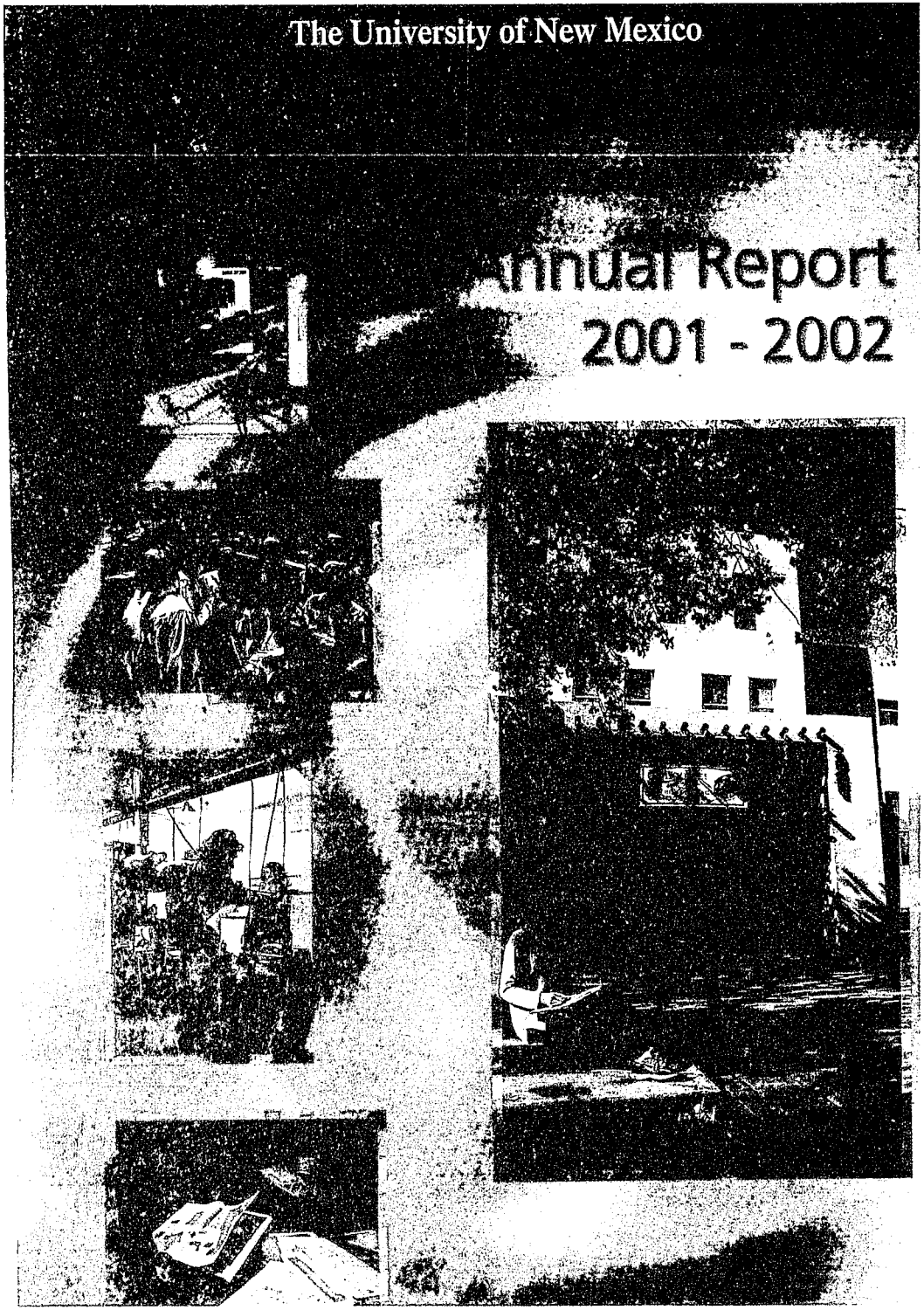

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Seated (L-R) Jack Fortner, Dr. Louis W. Ballard, President, and David A. Archuleta, Esq. Standing (L-R) Eric Anaya, Sandra Begay, Campbell, Col. USAF (Ret.) Richard Toliver, Judith C. Herrera, Esq.

MESSAGE FROM THE REGENTS

At this point in time, at the cusp between an academic year fading into memory and one already underway, the University of New Mexico finds itself on the brink of a new beginning. For all of us in the University community, it is a time of fond remembrance and renewed resolve.

We bid adieu to Bill Gordon, who served UNM well for close to a quarter-century, the last few years as its President. Following the Gordon vision, the University renewed its commitment to undergraduate education, to faculty/staff development and to its public responsibility toward the state of New Mexico. Our best wishes go with Bill, Kathy and their children as they take up life in North Carolina where Bill will be Provost of his alma mater, Wake Forest University.

In almost the same breath we must congratulate and thank Chris Garcia for once again laying aside his beloved Political Science professorship in order to answer our call to serve ... this time as the 17th President of the University of New Mexico. We know our institution is in good hands this coming year.

Chris Garcia honors Bill Gordon for his long service to UNM.

The past academic year saw the completion and approval of the University's Strategic Plan which will guide UNM's growth and development for the foreseeable future. This Annual Report gives us the opportunity to share with you the strategic directions to which we aspire. Do not hesitate to let us know how we are doing. And as always, thank you for your friendship and support of the University of New Mexico.

Larry Willard
Regents' President

VITAL ACADEMIC CLIMATE*

by Brian Foster,
Provost/Vice President
of Academic Affairs

A great university engages students and faculty fully in important ideas and issues...not just to learn about them, but to take them apart and put them back together, to debate, deconstruct, resist, reconstruct and build upon them. Engagement of this sort takes concentration and commitment, and it produces the kind of discipline and passion that leads to student and faculty success and satisfaction in their studies, research, performance, artistic activity and service. It is also the kind of activity that creates a solid, nurturing spirit of community.

This is what we mean when we talk about a vital academic climate. We are striving for an environment that will enrich the social, cultural and intellectual lives of all who come in contact with the University. Many things interconnect to make this happen: curriculum, co-curricular activities, conferences, symposia, cultural events, community service, research and social activity. Our goal is to create the highest possible level of academic commitment and excitement at UNM. This is what characterizes a truly great university.

New Mexico native Andres C. Salazar, a Ph.D. in electrical engineering from Michigan State University, has been named the PNM Chair in Microsystems, Commercialization and Technology. Carrying the title of professor, the PNM Chair is a joint appointment between the School of Engineering and the Anderson Schools of Management.

Andres C. Salazar

Spring 2002 graduate John Probasco was selected a 2002 Rhodes Scholar, the second UNM student to be so honored in the past four years. The biochemistry major from Alamogordo previously had been awarded the Goldwater Scholarship and the Truman Scholarship.

John Probasco honored by Student Activities Director Debbie Morris.

Biology student Sophie Peterson of Albuquerque was one of 30 students nationwide to receive a 2002-2003 Award of Excellence from Phi Kappa Phi, the oldest and largest national honor society.

Regents' Professor of Communication and Journalism Everett M. Rogers was selected the University's 47th Annual Research Lecturer, the highest honor UNM bestows upon members of its faculty.

New Mexico resident, author and poet Simon J. Ortiz received an Honorary Doctorate of Letters at Spring Commencement ceremonies. Child advocate Angela "Angie" Vachio, founder and executive director of Peanut Butter and Jelly Family Services, Inc., was awarded an Honorary Doctorate of Humane Letters.

American Studies Assistant Professor Amanda J. Cobb won the 22nd annual American Book Award for *Listening to Our Grandmothers' Stories: The Bloomfield Academy for Chickasaw Females, 1852 – 1949.*

English Professor Gary Scharnhorst has been elected chair of the American Literature Section of the Modern Language Association for 2002.

Amanda J. Cobb

*Strategic Direction

Barbara O. Reyes, an Ethnic Studies professor and History graduate student, has been awarded a Ford Foundation Post-Doctoral Fellowship. She will conduct research on indigenous, Mestiza and Spanish women from Pre-Contact California.

C. Jeff Brinker, professor of Chemical and Nuclear Engineering and Chemistry at UNM and a senior scientist at Sandia National Laboratories, was elected into the National Academy of Engineering, one of the highest professional distinctions accorded an engineer.

C. Jeff Brinker is recognized for his outstanding contributions to the science of sol-gel processing.

President George W. Bush congratulating Rudolfo Anaya

UNM Professor Emeritus Rudolfo Anaya received a National Medal of Arts from President George W. Bush who cited Anaya's "exceptional contribution to contemporary American literature that has brought national recognition to the traditions of the Chicano people."

Electrical and Computer Engineering Professor Steve Hersee and Dance Professor Jennifer Predock-Linnell were named 2001-2002 Outstanding Teachers of the Year. Selections were made by the Office of the Provost, Center for Scholarship, Teaching and Learning (CASTL) and the Teaching Enhancement Committee for Awards and Fellowships. Presidential Teaching Fellowships were awarded to Art and Art History Professor Ellen Feinberg and to Communication and Journalism Professor Karen Foss.

Named Outstanding Teaching Assistants were Stan Dolega, Amie Kincaid, Britta Limary, Scott Rode and Aryn Seifert, all from the College of Arts and Sciences, and Michelle Ueland from the College of Education. L. Ralph Dawson from the Department of Electrical and Computer Engineering won the Adjunct Teacher of the Year Award.

Outstanding Service Outstanding Seniors are: L-R: Lonie Cottrell, Josh Ewing, Andrea Cook, Nick Memicucci, Kris Dwyer. Not Pictured: Nga Ieom and Chanel Nichols.

DIVERSITY*

Eliseo Torres,
Vice President for Student Affairs

It is an accepted fact that diversity is vitally important to the development of new methods and new knowledge. Very simply, you learn when you come in contact with issues and ideas with which you are unfamiliar. In addition, the most important research occurs at the borders of academic disciplines. Taking this to heart, the best universities work hard to recruit students and faculty from a variety of international, geographic and cultural backgrounds.

The diversity actively promoted by UNM is a resource of great value. We want to expand the linguistic, cultural, national, disciplinary, gender, ethnic and religious diversity of the University and to learn how to more fully benefit from it. Our goal is that UNM and New Mexico will be recognized leaders in a world in which diversity is a key facet of life.

Teresita Aguilar has been named UNM's Dean of Graduate Studies. Previously she served as associate dean of the College of Education and Integrative Studies at California Polytechnic University.

Teresita Aguilar

Aguilar is one of five women deans at the University, in Law, General Library, Graduate Studies, Education and Nursing. Three of these deans are Hispanic.

UNM's Women's Resource Center and Women Studies Program marked 30 years of service to the University and to the community in Spring 2002. To mark the event, they hosted a symposium entitled "Water in the Desert: a 30-year Anniversary Celebration of Women in Activism, Academics and the Arts."

Alicia Fedelina Chávez, Taos native and former dean of students at the University of Wisconsin-Madison, has been named executive director of UNM-Taos, overseeing all operations, including academic curriculum development and instruction, facilities, human resources, administration and financial management.

UNM Commencement

The University of New Mexico ranks among the top 100 colleges for Hispanics, according to Spring 2002 rankings in *Hispanic Outlook in Higher Education*. UNM ranks 15th on the list for conferring bachelor's degrees to Hispanics, 22nd for master's degrees and 14th for Ph.D's. UNM ranks at the top of Hispanic-serving institutions that are also designated Carnegie Research/Doctoral Extensive institutions.

UNM was listed among *Hispanic Magazine's* top 25 Colleges and Universities for Hispanics, the only school in New Mexico to be ranked on the list.

UNM's School of Law and Anderson Graduate Schools of Management were ranked second and sixth respectively in their particular categories for Hispanic students by *Hispanic Business Magazine*.

School of Law

*Strategic Direction

U.S. News and World Report recognized the UNM School of Law for its racially diverse student body that includes a 23% Hispanic population.

The Hispanic National Bar Association honored UNM's Mexican American Law Student Association (MALSA) as its "Law Student Group of the Year," noting its mentorship program, voter registration drive, moot court and mock trial competitions, and its fund raising events.

Since its creation in 1998, UNM's PURSUE program continues to surpass its goals. "Preparation for University Research of Students in Undergraduate Education" enhances the quality of mathematics, science, engineering and technology education for undergraduates, especially those from minorities and underrepresented groups.

School of Law

Anderson Schools of Management

The Anderson Schools of Management hosted 61 executive MBA students from a private Sao Paulo, Brazil university. The students took classes in organization behavior and diversity, electronic commerce, management of services and mergers and acquisitions.

Encouraging minority students to go to graduate school, and to design and develop projects for NASA, are the goals behind the Center for Intelligent Systems Engineering at the School of Engineering. Projects include creating cooperative satellite arrays, fuzzy-logic modeling, intelligent biomedical engineering and creating robots to communicate with each other.

A MULTI-CONTEXTUAL APPROACH

Roberto A. Ibarra,
Special Assistant to the President for Diversity

Time-honored solutions for enhancing campus diversity —access, retention and increasing the number of historically underrepresented populations —generate positive results when first implemented, but tend to level out over time. We propose a new diversity paradigm that promises to take us beyond the current model of affirmative action and make its goals more attainable.

A growing number of individuals now entering higher education bring with them a mix of individualized characteristics described as their cultural context. These learned preferences, imprinted on them in childhood by family and community, influence how they interact and associate with others, use living spaces, and perceive concepts of time. In addition, these individuals express a variety of personality, cultural, living and learning styles actually generated by their association with two distinct cultures—the majority and minority ethnic cultures in this country. So in essence, they are multicontextual, with a living and learning style combined with different thinking and perception skills formulated around strategies of cultural adjustment.

Current academic culture does not often recognize and is not forgiving of how multicontextual students and faculty learn and interact. Given today's economic, political and demographic realities, our focus must be on changing academic/organizational culture in order to help people see alternative ways of doing things. Our goal is to explore multicontextuality as a means to improve the climate for diversity.

PUBLIC RESPONSIBILITY*

F. Chris Garcia,
President

Serving New Mexico is central to the University's mission, because everything we do at UNM—teaching, research and public service—advances the interests of New Mexico. Take our vast and comprehensive array of instructional programs for example. From accounting and art to secondary education and statistics, New Mexicans have access to a quality education that will help develop the entrepreneurs and employees that power business, government, schools and other constituencies, making UNM a major supplier of talented and creative citizens for the state and a major player in its economic development.

Our research helps provide answers to the challenges facing New Mexico, while also supporting business with collaborations and technology transfer, and creating the new knowledge that enriches our society and culture. Meanwhile, a great number of New Mexicans benefit from UNM through the services we deliver—health care, continuing education, social services, and cultural resources such as museums, libraries and entertainment events. The University of New Mexico renews its commitment to advance the interests and aspirations of New Mexico. Our goal is an elevated quality of life for New Mexicans.

UNM School of Law Professor Jim Ellis successfully argued the case against executing the retarded before the U.S. Supreme Court. For his efforts, Ellis was awarded the 2001 Call to Action Award by the Association of Retarded Citizens (ARC) of the United States.

The UNM Board of Regents awarded Regents' Meritorious Service Medals to Associate Professor Emeritus of Communication and Journalism and noted international journalist Henry L. "Hank" Trewhitt, and posthumously to School of Medicine faculty member Dr. Janette S. Carter who worked extensively with Native Americans who have diabetes. Carter and her husband, Stephen Wilkes, died in an airplane crash in July 2001.

The Regents posthumously awarded Wilkes, a management consultant and educator, their Recognition Medal for outstanding service. A second Recognition Medal was presented to well-known Hispanic leader and former U.S. Ambassador to Spain and Andorra Edward L. Romero.

The Resource Center for Raza Planning and the Landscape Architecture Program, both in the School of Architecture and Planning, collaborated with the Bernalillo County Public Works Department and the Metropolitan Arroyo Flood Control Authority to explore design solutions for land drainage and flood control along Isleta Boulevard in Albuquerque's South Valley.

RCRP work on South Valley drainage.

The Arts of the Americas Institute in the College of Fine Arts collaborated with the Albuquerque High Performance Computing Center to form a consortium with five Native American tribal culture centers that will result in a nexus for virtual communication to be used for the development and delivery of long distance education and professional training programs.

For the second year in a row, Water Resources Program Director, Professor Michael Campana, led a group of students to a Honduran village to help build a safe, sustainable water supply system.

With funding from the U.S. Department of Education, the College of Education has worked to improve the professional development of New Mexico classroom teachers in the areas of math and science by providing two-year Math and Science Teacher Academies.

*Strategic Direction

AREAS OF MARKED DISTINCTION*

Rural Medicine

The University is establishing a process of ratifying its areas of marked distinction. In this regard, consideration may be given to certain national rankings as one of the indicators of distinction, for both broad areas and for specific programs. For example, several UNM graduate programs are consistently ranked among the best by *U.S. News* and *World Report*.

Three programs in the School of Medicine have been in the top national rankings for several years. The 2002 *U.S. News* and *World Report* rankings found Rural Medicine in the number two spot in the nation for the eighth consecutive year. UNM's Primary Care curriculum ranked fourth and Family Medicine ranked sixth.

The clinical law training program in the UNM School of Law remains in the top 10 in the country where it has also been for several years, while UNM's School of Engineering again ranks among the top 50 graduate engineering programs in the country.

STRATEGIC ADVANTAGES

The University of New Mexico's location provides strategic advantages that define opportunities to realize the University's vision and mission.

- New Mexico's diverse demographic profile provides UNM the opportunity to create an exceptionally rich learning environment characterized by a wealth of different ideas considered from a multitude of perspectives.
- UNM is near an international border. The associated cultural, political, historical, economic and social relations provide a foundation for a natural international orientation.
- The University's proximity to the internationally prominent scientific communities of the federal laboratories provides manifold opportunities for collaboration and synergy in scientific and engineering education and research.
- UNM's location in the midst of a world-class arts center, along with museums and other support facilities, provides unique opportunities for research and creative activity, as well as for educational programs in the arts and humanities.
- New Mexico's high-desert location, accompanied by the surrounding mountains, the Rio Grande Valley, and other natural features, provides a laboratory for environmental, water, health, and other research and educational opportunities.
- New Mexico's rich cultural heritage, spectacular landscape and climate provide a high quality of life that is appealing to many scholars, students, artists, business firms, and others for whom the state is a highly desirable place to locate.

R. Philip Eaton,
Vice President for Health Sciences

When the University builds programs that are nationally and internationally prominent, it is also building a strong force for academic excellence. The increased stature associated with areas of marked distinction helps the University recruit the best students, faculty and staff; increases our public support and thus our resources; enhances our competitiveness for grants; and is an attractive asset for our friends and donors.

No university can be eminent in all programs, so the University must identify the areas in which our strategic resources give us a strong competitive advantage, and then we must uncompromisingly support these programs. At the same time, the University will build a set of high-profile initiatives that span the entire academic spectrum so that all programs have access to one or more of these exciting areas of excellence.

In order to create this environment of achievement, we must continue to aggressively recruit and support top-notch students, faculty and staff, and we must demand that our research contributions significantly impact practical applications and quality of life issues as well as their respective academic disciplines. Our aspiration is simple—to compete with the very best.

*Strategic Direction

COLLEGE NOTES

SCHOOL OF ARCHITECTURE AND PLANNING

Dean Roger Schluntz has been recognized with a service award from the Association of Collegiate Schools of Architecture for "distinguished service to the association for the advancement of architectural education."

A collaboration between UNM, Auburn University and three Mexican institutions conducted a research studio at the U.S./Mexico border at Anapra, Cuidad Juarez, Mexico, to address housing, social services, border passage, infrastructure, industry, commercial marketplace and exploitation in border cities.

COLLEGE OF FINE ARTS

James S. Moy will assume his duties as Dean of the College of Fine Arts in January 2003. Moy comes to UNM from the University of Wisconsin-Madison where he serves as chair of the Department of Theatre and Drama.

The Land Arts of the American West program began a three-year pilot phase of collaboration between the Department of Art and Art History at UNM and the Department of Art and Art History at the University of Texas at Austin. The goal is to create an interdisciplinary, studio-based, field student program to investigate the overlay of land arts practices from pre-contact Native American to contemporary Euro-American cultures.

HEALTH SCIENCES CENTER

R. Philip Eaton was named Vice President for Health Sciences by UNM President William C. Gordon. Dr. Eaton had served as interim Vice President since 1998.

The UNM Hospitals were recognized as one of the 100 Most Wired Hospitals in the nation in recognition of progress in implementing the electronic patient medical record.

A Behavioral Health Strategic Plan was approved and many elements implemented. Service expansion at the UNM Children's Psychiatric Center was accomplished with the opening of an additional acute cottage and another Residential Treatment Center.

Cancer Research

Groundbreaking took place on a new 35,000 square foot Ambulatory Surgery and Imaging Center, a signature building defining the University Boulevard corridor as a major emerging health destination at UNM. The Center, expected to open in late spring 2003, includes outpatient surgery capability, outpatient MRI, CT and other imaging services and a full-service Pain Clinic.

The UNM Cancer Research and Treatment Center has restructured clinical and research operations in pursuit of designation as a National Cancer Institute Comprehensive Cancer Center. The first step was recruiting 14 new oncology specialists. Many are nationally known leaders in their specific oncology fields.

UNM CRTC has formed a partnership with all major healthcare institutions and private oncology practitioners in the community to provide the most current medical care for all New Mexicans. The New Mexico Cancer Care Alliance, a separate non-profit corporation, has a newly elected Board of Directors.

GENERAL LIBRARY

Camila Alire has been selected as the new Dean of Library Services. Alire comes to UNM from Auraria Library of the University of Colorado at Denver where she was dean/director.

Interlibrary loan requests went completely paperless thanks to Illiad, a web-based system. The General Library continues to provide electronic access and an expanding collection of e-journal and e-books available online anytime.

The UNM General Library instituted DILARES, the Division of Iberian and Latin American Resources and Services, to expand and deepen relationships and alliances with the campus and community, and also with national and international institutions and centers.

SCHOOL OF LAW

Suellyn Scarnecchia has been selected the new Dean of the School of Law, the first woman to assume those duties. She previously served as associate dean for clinical affairs and a clinical professor at the University of Michigan School of Law, her alma mater.

The UNM School of Law will join the Law School Consortium Project which designs, evaluates and promotes programs that provide training, mentoring and other support to solo and small-firm lawyers. The project seeks to increase the availability of quality legal services to low and moderate income individuals and communities.

COLLEGE OF ARTS AND SCIENCES

Dean Reed Dasenbrock took the helm of Arts and Sciences in August 2001. Previously he served as associate dean for research in the College of Arts and Sciences at New Mexico State University.

The Frank Hibben Center for Archaeological Research was completed. Funded by a gift from Frank Hibben, who died just before the building's completion, the Center stands south of the Maxwell Museum.

A new master's of science in Optics, a joint degree of the Department of Physics and Astronomy in the College of Arts and Sciences and EECE in the School of Engineering, has been established.

COLLEGE OF PHARMACY

After providing 30 years of service, 16 years as Dean, William M. Hadley retired from the College of Pharmacy. John A. Pieper, Pharm.D., was named Dean effective November 2002. He comes to UNM from the University of North Carolina-Chapel Hill as professor and chairman of the Division of Pharmacotherapy.

The Alumni & Friends Association developed a Pharmacy Student Mentorship Program to mentor the next generation of pharmacists as they explore career options and form professional goals.

The Pharmacy Practice Department established a relationship with Walgreens drug stores to establish a shared faculty position that will focus on optimizing drug therapy for patients with chronic illnesses, such as diabetes and hypertension.

ANDERSON SCHOOLS OF MANAGEMENT

A new track in the master's of accounting program for students with a non-accounting undergraduate degree has been introduced, designed for those re-entering the workforce, changing careers or seeking to upgrade qualifications. The 33-hour evening degree program fulfills all the New Mexico Board of Accountancy requirements for sitting for the CPA.

The School of Public Administration has been administratively integrated into the Anderson Graduate Schools of Management, and its administrative offices have been relocated to the Anderson Schools building.

SCHOOL OF ENGINEERING

The first phase of UNM's new semiconductor cleanroom in the Manufacturing Training and Technology Center is now operational and is used to train and prepare students to work at semiconductor manufacturing companies and research laboratories.

Encouraging minority students to go to graduate school and to design and develop projects for NASA are goals behind a recently created Center for Intelligent Systems Engineering. Projects include creating cooperative satellite arrays, fuzzy-logic modeling, intelligent biomedical engineering, and creating robots to communicate with each other.

COLLEGE OF NURSING

New graduate concentrations in nursing education and clinical nurse specialist are now available via the Internet while a neonatal nurse practitioner concentration has been approved and will be implemented in the Fall of 2002.

The College of Nursing secured funding from the New Mexico Legislature to allow for an increase in both undergraduate and graduate admissions. The increase will assist with meeting the nursing shortage in New Mexico.

COLLEGE OF EDUCATION

The UNM College of Education, in conjunction with Albuquerque Public Schools, and with city and community support, was awarded a three-year grant of more than $3 million from the U.S. Department of Education to expand literacy-based after-school and summer programs in 10 of Albuquerque's historic neighborhoods.

With help from the Hewlett Packard/Compaq – HP High Achieving Schools Initiative, the College is conducting research into teaching practices at nine selected secondary schools around the state.

UNIVERSITY COLLEGE

Peter White, a member of the UNM faculty since 1977 and a former Fulbright Fellow, has been named Dean of University College.

The Freshman Experience, a newly implemented holistic approach to assist students' entry into college life, is showing early success. UNM's 88.2% freshman retention rate in Spring 2002 is the highest midyear showing since the University started tracking freshman performance.

RESEARCH HIGHLIGHTS

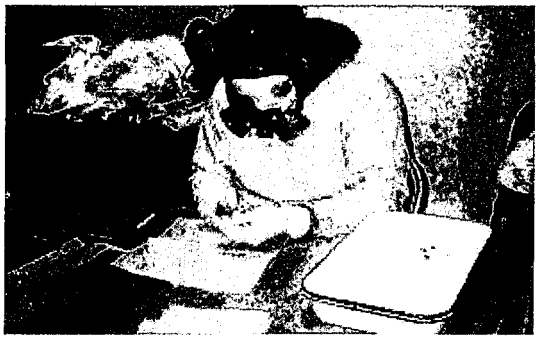
FEDERAL RESEARCH FUNDING

Terry L. Yates,
Vice Provost for Research

The University of New Mexico is committed to excellence in research, public service and instruction and training—the three areas of sponsored program support. Research and sponsored programs were funded at the level of $247,633,506, representing an increase of 100% in a ten-year period. Our external sponsored funding increased during this period from $124.2M to $247.6M. The federal government provides more than 60% of the sponsored funds we receive at UNM.

These successes represent the efforts and creativity of our faculty and researchers, and provide UNM with the resources and support to achieve excellence in the pursuit of our mission of teaching, research and public service. We have many faculty who are actively engaged in cutting edge research projects, creative and scholarly activities, and teaching in an exciting environment of creating new knowledge. It is their successful endeavors that enhance UNM's visibility at the national and international levels.

Hantavirus research conducted by UNM biologists has been chosen by the National Science Foundation as one of the 50 discoveries made with NSF funding that have had the most influence or the biggest impact on the lives of Americans.



Work with rodents that may be carrying hantavirus.

The Institute for Scientific Information ranks UNM 5th out of the top 100 federally funded institutions in regard to the impact of its materials science papers over the years 1996 – 2000. The rankings measure the number of times a paper is cited by other researchers, and shows that research at UNM has the breadth and quality that put it in the company of such powerhouses as Harvard, Princeton and the University of Southern California.

Cell slide of the hantavirus.

The Institute for Scientific Information also ranks the UNM School of Engineering as 16th out of the top 100 federally funded institutions in regard to the impact of its research papers over the years 1996 – 2000. Among public universities, UNM ranks fifth in its impact in Engineering.

Adjunct Professor of Biology Karl Johnson won Panama's La Orden de Manuel Amador Guerrero Medal, which is equivalent to the Medal of Science in the United States. Johnson earned the honor for his studies of viruses that affect the health of Panama's population.

Distinguished Professor of Biology James H. Brown, one of the world's most renowned ecologists, has been given the prestigious Robert H. MacArthur Award from the Ecological Society of America.

The Alfonso Ortiz Center for Intercultural Studies began work on two rainwater harvesting demonstration projects to illustrate the importance of water conservation in the desert. One project is located on the UNM campus and the other is at the Pueblo of Isleta.

BRANCHES AND EXTENDED UNIVERSITY

UNM-VALENCIA

Valencia County and northern Socorro County residents approved $5 million in general obligation bonds in April 2002 that will fund a much-needed 20,000 sq. ft. academic building and expansion of the student services/ administration office complex.

Adobe playhouse

UNM-Valencia opened and expanded its new day care center, licensed to care for up to 40 children ages 2 ½ to five years. The center now boasts an adobe playhouse built by center staff and volunteers.

UNM-GALLUP

The $3.8 million, 36,000 sq. ft. facility at the Zuni Campus of UNM-Gallup was completed, providing computer labs, construction technology facilities, an art complex, classrooms and offices.

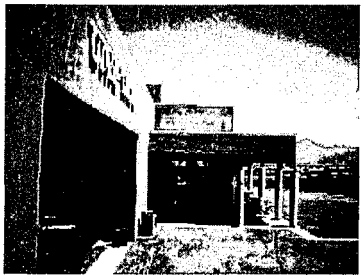
The new $1.7 million Zollinger Library was completed on the Gallup campus, providing 6,500 sq. ft. of space to library patrons.

Zollinger Library

UNM-LOS ALAMOS

Spring 2002 brought UNM-LA its highest enrollment ever, confirming its recovery from the Cerro Grande fire in 2000. Full-time and general enrollment increased by 12 percent from 2001 to 2002.

UNM-LA's Building Two has been remodeled to accommodate a new Student Center where students, staff and faculty dine, meet and attend functions. Since Fall 2001, UNM-LA Café, a new college-managed food service, has been part of the new student center.



UNM-TAOS

UNM-Taos successfully campaigned for branch campus designation which will go into effect July 1, 2003. This will mean additional state funds to support full-time faculty, the library and student services.

UNM-Taos also was successful in a campaign to pass a countywide gross receipts tax for educational capital outlay which will provide $5 million to develop the Klauer campus.

Jeronimo Dominguez,
Vice Provost/Extended University

In September 1999, the University established Extended University to coordinate its distance education programs. The goal of Extended University is to create enriching educational experiences for students throughout the state by facilitating access to learning opportunities—anytime and anyplace. In pursuit of that goal, we work with the University's branch campuses and graduate centers to provide traditional classroom teaching in Gallup, Los Alamos, Santa Fe, Taos and Valencia County.

We also utilize a full range of technologies that make it easier for students in small communities to obtain their education. These include televised programming using satellite and video conferencing. Courses are also offered through correspondence and on-line through the Internet—applications that broaden the choices for students limited by set schedules and physical locations.

Extended University offers courses in a wide variety of disciplines and subject areas, including Engineering, Education, Nursing and Public Administration. A host of Arts and Sciences courses, many of which meet the requirements for a Bachelor of University Studies degree, are offered in disciplines like English, Psychology, Anthropology, Chemistry, Economics and Mathematics. Extended University plans to expand the degree completion programs it offers so that our current and future students in communities around the state have access to the bachelor and graduate degrees they need to develop and advance professionally.

OUTREACH HIGHLIGHTS

PRESENCE IN THE STATE

Judy K. Jones,
Vice President for Advancement

UNM ... The University of New Mexico ... and the University FOR New Mexico. When you think about it, you will find this University, through its people and programs, playing a role in nearly every part of the state.

Our students, more than 24,000 on the main campus, come from every county in the state. The same can be said for our alumni, more than 100,000 strong, with half that number remaining to live and work in New Mexico.

The UNM Health Sciences Center has long been devoted to its patients around New Mexico, especially those seeking the state's only Level 1 Trauma care and newborn intensive care, as well as the finest cancer treatment and research. UNM-HSC also provides a variety of patient clinics in every corner of the state, providing UNM's direct connection to a great majority of New Mexicans.

And let us not forget Lobo athletics and the wonderful cultural offerings provided by UNM's Center for the Arts as well as our seven museums and seven libraries. They all enrich the lives and bring joy to hundreds of thousands of people each year.

We want you to become more familiar with UNM's connections around the state. They are important to us, because it is vital that we understand the multiple environments in which we carry out our teaching, research and public service mission. It is important that UNM continues to be a vital force in New Mexico.

"Raising Our Voices: UNM Artists Unite in Remembrance," an event organized in response to the tragedy of September 11, raised funds for the Rio Grande Red Cross Chapter and the American Red Cross Chapter supporting victims of the attacks on the East Coast.

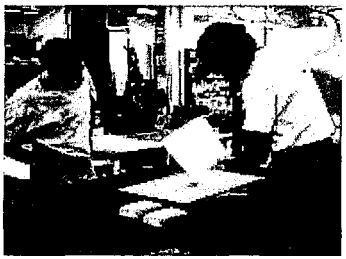
Solar Car

UNM played host to Route 66 Diamond Jubilee celebrations in July 2001. Carrying the theme of "UNM —the Destination for Education on the Route," the campus offered a day of activities for the community that included entertainment, exhibits, interactive projects and a checkpoint for the longest solar-powered car race in history.

Spring Storm

Several hundred UNM students, faculty and staff took Albuquerque by storm on April 6, 2002 in a major community service event called "Spring Storm." Volunteers worked on more than 50 community projects that ranged from painting and landscaping to youth education and visits to the elderly.

Nancy Uscher, associate provost for Academic Affairs and music professor, and Mary Lipscomb, chair of the Department of Pathology, were among ten women receiving YWCA Women on the Move Awards. Also recognized at the March 2002 event were Susan Harrison-Salt, director of Emergency Services for UNM Hospital, and Denise Wheeler, program manager for the Center on Alcohol and Substance Abuse and Addiction.



Tamarind Printmaking

KUNM, the Associated Press Station of the Year for 2001, was also named "Volunteer Organization of the Year" by the Albuquerque Arts Alliance. Also receiving Bravos Awards were Judith Chazin-Bennahum for Excellence in Dance, The Tamarind Institute for Excellence in Visual Arts, and former UNM theatre professor Jim Morley for Excellence in Theatre Arts.

FRIENDS AND PHILANTHROPY

The University received a record $40.1 million in gifts from private sources. These gifts supported 450 Presidential Scholarships and 17 Freshman Learning Communities, and created 40 new endowments, five professorships and one new chair.

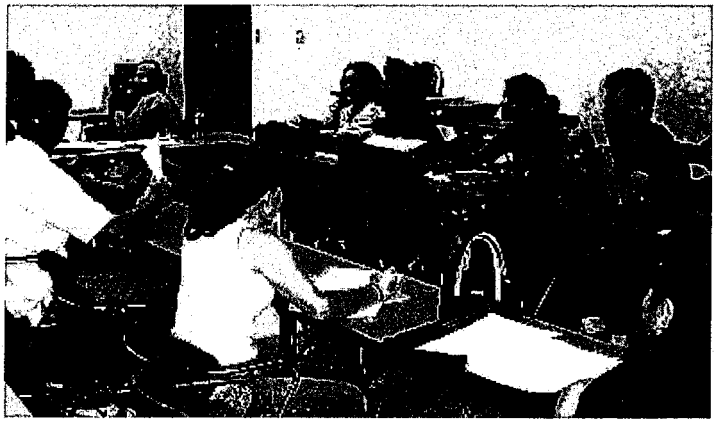
The University of New Mexico Foundation/Development office has been ranked in The Chronicle of Philanthropy's annual ranking of the top 400 nonprofit organizations. UNM entered the list at No. 393, the first time it has earned this recognition in the publication.

UNM was one of 10 institutions nationally to receive a two-year, $200,000 grant from the Pew Learning and Technology Program at the Center for Academic Transformation as part of the Pew Grant Program in course redesign.

The Hewlett Packard Corporation awarded the University of New Mexico more than $700,000 in grants to support education and research efforts at the School of Engineering and the College of Education.

A $1 million bequest was received for the Presidential Scholarship Program to endow these scholarships.

President's Club membership reached 40 members whose unrestricted gifts to the President's Fund For Academic Excellence supported presidential initiatives not funded through traditional sources. Their current emphasis is on the Freshmen Learning Communities.



Freshman Learning Community

The Popejoy Society, which honors individuals whose lifetime giving exceeds $50,000, added 31 new members.

The New Horizons Society, which honors donors who have added UNM to their estate plans, added 30 new members.

It is now possible to give to any school, college or program at the University through the UNM Foundation's secure, private, on-line giving Web site at *www.unm.edu/foundation.*

Popejoy Society banquet

UNM ALUMNI

Major Alumni awards presented for 2001-2002 include:

- Zimmerman (for outstanding accomplishment) to Milton Ward, '74 MBA, president and CEO, Ward Resources, Inc., UNM Foundation Board of Directors;
- Rodey (for outstanding educational achievement) to Daniel Lopez, '70 BA, '72 MA, '83 PhD, president, New Mexico Tech;
- Fergusson (for outstanding service and/or achievement) to V.B. Price, '62 BA, journalist, editor, author, teacher, poet;
- Faculty (for outstanding teaching)to Monica Cyrino, associate professor of classics; and
- Zia (to recognize outstanding New Mexico resident alumni) to Randolph "Dolph" Barnhouse, Laura Hueter Bass, Sam J. Butler, Michael J. Glennon, Angela J. Jewel and J. Howard Mock.

Zia Award winners

In preparation for the new Alumni Directory to be published in November 2002, all alumni were contacted by questionnaire and follow-up phone calls to verify their listings.

Comprehensive, interactive web services, including the online directory, event registration and class-notes, are scheduled to launch in October 2002.

In its second year, Career Mentorship has seen more than 800 volunteers and 350 students participate in the online matching of alumni mentors and students.

Phoenix and San Antonio began alumni chapters this year, bringing the total number of regional chapters to 15.

Approximately 400 alumni statewide were involved in Lobos for Legislation efforts that support the University's legislative goals.

The 2001 homecoming theme was "Coming Home on Route 66."

Alumni at Welcome Back Days

ATHLETIC HIGHLIGHTS

UNM student athletes compiled a school record 2.95 grade point average in Spring 2002, the highest in school history. It was the 11th consecutive semester that UNM's intercollegiate sports combined for a 2.80 GPA or higher.

Men's basketball finished 16 – 14 overall for its 19th consecutive winning season and its seventh straight invitation to postseason play. Ritchie McKay, who had coached at Oregon State for two seasons, was named Lobo head coach following Fran Fraschilla's resignation in Spring 2002.

Women's basketball went 22 – 9 overall and advanced to the NCAA tournament in their fifth straight postseason appearance.

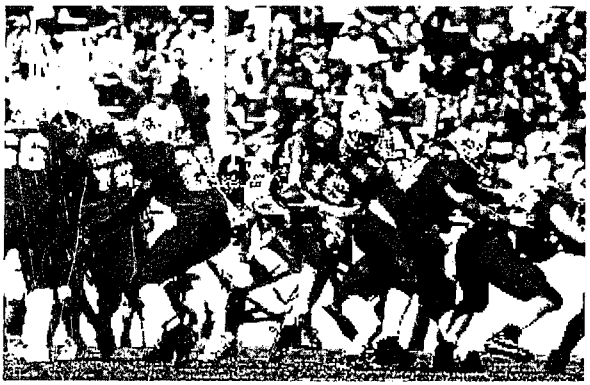
UNM Women's basketball finished 5th nationally in attendance with a school record of 9,229 fans per game. Lobo Men's basketball finished 7th in the nation in attendance, averaging 16,426 fans per game.

Lobo football finished the season at 6 – 5 overall, giving head coach Rocky Long his first winning record. The Lobos came within one win of playing in a post season bowl game.

The Lobo Women's Golf team won their third straight Mountain West Conference Championship and qualified for their 5th straight NCAA Regional competition. Jackie Booth was named MWC Coach of the Year while freshman Kailin Downs was named MWC Freshman and Player of the Year.

Sophomore skier Marte Dolva won the women's slalom national title. She joined Jennifer Delich and Caroline Schicht to take the team women's slalom national title.

Despite a disappointing regular season, the Lobo Men's Soccer team won the Mountain Pacific Sports Federal Tournament, advancing to their first NCAA tournament.



RESOURCES *

Julie Weaks Gutierrez, Vice President for Business and Finance

The future development of the University of New Mexico will depend in large part on the careful cultivation and management of our human, financial and physical resources. The number and quality of our faculty, staff and students are critical to our academic mission. In turn, their continued high-level performance requires adequate physical resources—buildings, equipment, information technology, classrooms and libraries. Shortages and shortfalls in both arenas have placed constraints on our program growth and effectiveness. However, with effective long-term planning and stewardship of resources, we seek to reverse that trend.

It is absolutely necessary that our financial resource base be increased significantly. We must pursue all possible revenue sources vigorously, including state appropriations, tuition, private fund raising, auxiliary services, research and grant activities, income from technology transfer activities and direct service delivery. In addition, we must work aggressively to achieve the most effective use of our existing resources. Creating the right mix is a long-term process, but one that promises stability and success.

Eight staff members were recognized for earning their degrees during the Staff as Students Graduation ceremony. Having completed its fifth year, the Staff as Students program encourages UNM staff members to work on degree programs at the University. In addition, 43 managers were nominated for the Staff as Students Managers Award, recognizing their encouragement and support of the SAS program. Claire O'Dowd from Pharmacy and Nancy Risenhoover from Pathology were selected for the Managers award.

765 faculty and staff were honored for their service to the University in May 2002. Five-year service pins went to 288 people; 10-year pins were given to 176 people; 15-year awards were given to 154 people; 76 people earned 20-year awards, while 25-year awards went to 51 people.

Sixteen UNM faculty and staff were honored for reaching the milestone of 30 years of service to the University. They are: Walter C. Birge, North Golf Course; Peggy J. Blackwell, Education; Thomas A. Borden, Surgery and Pediatrics; Maria Olga Gandara, UNM-Valencia; John P. Gluck, Psychology; Russell Brian Goodman, Philosophy; Warren A. Heffron, Family and Community Medicine; George Arthur Huaco, Sociology; David Richard Jones, English and Theatre & Dance; Peggy Lee Lovato, Law; Joseph M. Norwood, Law; Steven Joseph Sanchez, CIRT; George F. Schueler, Philosophy; Patricia Clark Smith, English; Larry C. Towne, Purchasing; and William Wood, Music.

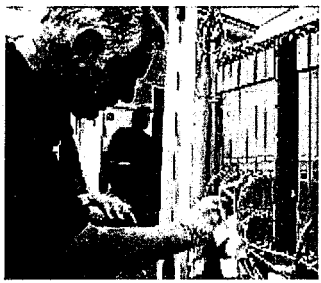
Former State Senator Billy McKibben participants in UNM Day at the State Fair activities.

President William C. Gordon congratulates the winners of the 2001 Gerald May Staff Recognition Awards—Lydia Salas, Office of Research Services; Ly Flock, New Mexico Student Union; Joe McKinney, Facility Planning; Norma Boyd, HSC Human Resources; and Lori Sloane, HSC General Clinical Research Center.

*Strategic Direction

UNM Planning Council

Payroll department file area



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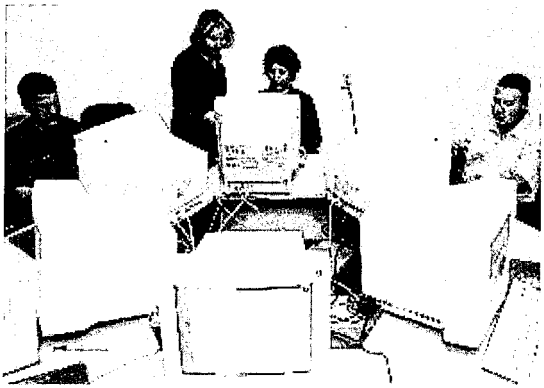


New employment pod at the Human Resources Department.

MANAGEMENT SYSTEMS AND SUPPORT FUNCTIONS*

An institution as robust and complex as the University features management systems that are equally complex. Every class, every research project and every public service initiative must have a set of management systems that will ensure that employees are paid, facilities are maintained, information is disseminated, and students are admitted, registered and eventually are able to graduate.

The systems seem endless, and all too often, they do not function as efficiently and effectively as expected. This understandably leads to frustration from faculty and students, concern from the Regents and administrators, and could lead to negative outcomes that impact the quality of the University's programs. The University will expect and reward the highest quality performance from the people charged with designing and managing the systems. The goal is to have management systems that consistently measure up to the high quality of the University's academic and service aspirations.

PLANNING*

If the University of New Mexico is to pursue a collective vision as an educational institution, it must strategically build on the resources that are unique to both the institution and the State, identify and promote its competitive advantages, and insist on integrated, coherent and disciplined courses of action. The key to this endeavor is planning. The University must on the one hand be realistic about what it can achieve, but at the same time it must aspire to greatness and hold itself to high standards. Importantly, the entire campus and its many constituencies must be involved in the conversation.

It is also essential that accountability be built into this planning. Periodically, the University must take the time to honestly and publicly evaluate the plan and its implementation. The goal is to create and use a living document that evolves with the benefit of honest evaluation and continuing dialogue.

*Strategic Direction

CONSTRUCTION IN 2001 - 2002

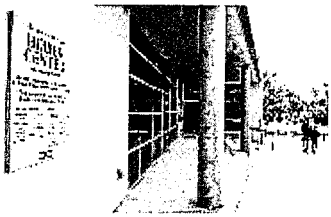
Inside the new Student Union

Inside the School of Law

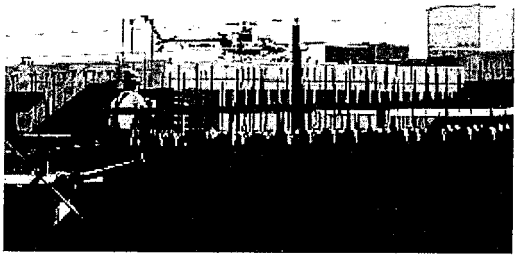
Student Union

School of Law

Main Campus chilled water distribution project

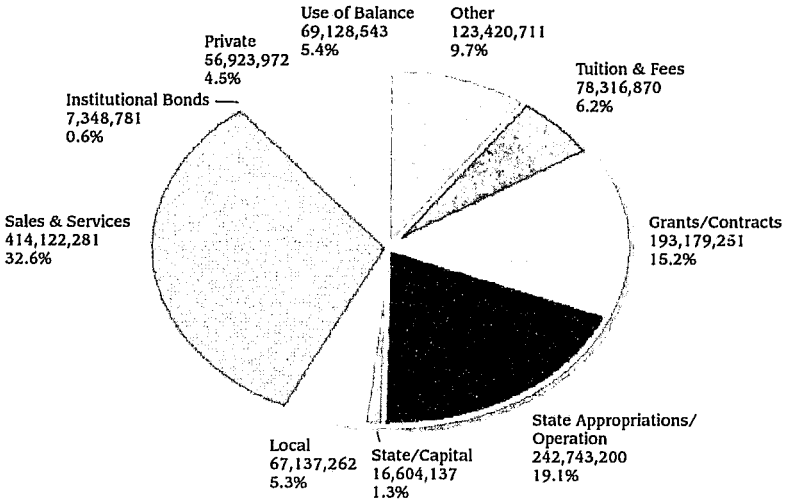


Hibben Center



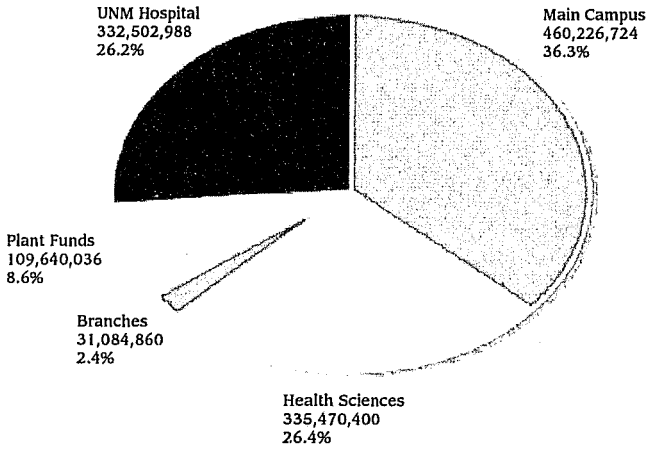
FINANCIALS

UNM CONSOLIDATED REVENUES
2002-03 BUDGET



Total Revenues $1,268,925,008
An Increase of 6.6% over 2001-02

UNM CONSOLIDATED EXPENDITURES
2002-2003 BUDGET



Total Expenditures $1,268,925,008
An Increase of 6.6% over 2001-02

MESSAGE FROM THE PRESIDENT

It is an honor to be the 17th President of the University of New Mexico, an institution that has been a major part of my life for more than 40 years. I look forward to my time in office with great anticipation, for I am confident we will see continued and expanded progress as a University. That confidence stems from knowing that the talents and energies of our outstanding faculty, staff and students are engaged not only on campus but also throughout the state.

Given the enormity and complexity of the University, it would be difficult to encompass all of our important functions and responsibilities into a single vision for the coming year. However, I am proposing certain areas of primary consideration, noting that these are in many ways the continuation of the successful ongoing operations that have guided UNM throughout the years.

Our greatest asset is our people, so compensation increases for faculty and staff are among UNM's highest priorities, and should be considered in tandem with a fair funding formula and increased funding to replace a deteriorating infrastructure and add needed new facilities.

The consensus blueprint that is the UNM Strategic Plan gives us clear and focused directions to present and represent on our campus and in the community. The continuing implementation of this plan will be encouraged, supported and monitored.

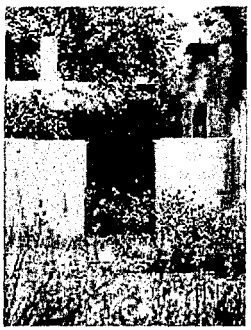
The successful educational experience of our undergraduates is a cornerstone of our mission, so we will work with all campus constituencies to incorporate successful recent initiatives, such as freshman learning communities and others, into the fabric of our thought and practice.

Meanwhile, as New Mexico looks to UNM as its premier research and graduate institution of higher education, we renew our commitment to refine and to increase support for the many research programs of our faculty. We will also work to reinforce the educational experiences of our graduate students whose work is inextricably linked with these research efforts.

A renewed emphasis on UNM's many contributions to economic development in New Mexico—past, present and future—must become part of a continuing dialogue within the state. We will take every opportunity to spread the word about the central significance of this institution to New Mexico's economic well-being.

Lastly, and perhaps most importantly, we will work to instill and reinforce a sense of pride and mutual support among all members of the campus community and with the greater community of New Mexico. Forging this sense of community will remind us that we are, after all, interconnected and share an affinity for our institution and for each other. We look forward to your assistance and good will in our endeavors.

Sincerely,
F. Chris Garcia



Center for Academic Program Support (CAPS)
Annual Report 2001-02
Karen R. Olson, Sr. Program Manager

Significant Developments

The Center for Academic Program Support, under the direction of Associate Provost Nancy Uscher, worked with Student Affairs to negotiate the transfer of Learning Support Services which joined Student Support Services to form a new unit, Accessibility Services. Following this transfer CAPS reorganized staffing to focus on online services and administrative independence from the General Library. To advance online services, CAPS contracted with Smarthinking, a commercial online tutoring service available to students 24 hours a day and enhanced the CAPS Website, developing more online workshops and handouts. In the first step towards administrative independence from the General Library, CAPS became responsible for the hiring and payroll for its 70 student employees. During this year, CAPS also began tutoring in a dormitory in the evening.

Plans and Recommendations

During 2002-03, CAPS will continue to advance online tutoring, including redesigning our Website, building an OWL (online writing lab) and allowing students to e-mail questions to tutors. By June 30, 2003, CAPS will have completed its transition to independence from the Library (although CAPS will continue to be housed in the Library). This will include being responsible for all aspects of personnel, purchasing, payroll/leave, and budget. CAPS will develop a new initiative, CAPS Across Campus, expanding its tutoring locations during the late afternoons and evenings to the SRC Commons, the Cellar in Hokona, and Dane Smith Hall. CAPS will also conduct Supplemental Instruction sessions for two classes in the Fall of 2002 and four in the spring of 2003 and plans to increase the program by one class each semester.

Employment Summary

HIRED
Jennifer Martinez, Program Coordinator, Staff, Dec. 20, 2001
SEPARATED
Ginger Grosjean, Program Coordinator, Staff, Aug. 24, 2001

Outside Professional Activities

Byrne, Leora
Conferences
New Mexico CRLA, Taos, NM, May 2002

The Robert O. Anderson School and Graduate School of Management and The School of Public Administration at The University of New Mexico

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Period of Report: July 1, 2001 to June 30, 2002

Submitted by Howard L. Smith, Dean

The Anderson Schools of Management is divided into five units with four departments – the Department of Accounting; the Department of Finance, International and Technology Management; the Department of Marketing, Information and Decision Sciences; the Department of Organizational Studies and the School of Public Administration. This structure provides an opportunity for The Anderson Schools to develop five distinct areas of excellence, as evidenced by the following information.

I. Significant Developments During the Academic Year

The Anderson Schools of Management

- The Anderson Schools of Management continue to refine its mission statement and is preparing for its AACSB accreditation review in three years.
- The MBA Program was again named one of the Top 10 Business Programs in the nation for Hispanic students by *Hispanic Business* magazine.
- Public Service Company of New Mexico, in association with the UNM Foundation, The Anderson Schools, and the School of Engineering, developed the agreement for a Chair in Microsystems, Technology and Commercialization. Dr. Andres Salazar was hired for this position.
- More than 40% of students in the MBA Program are women, beating national averages by 10%; and more than 33% of the faculty are women, beating national averages by 20%.
- The faculty, staff and students of The Schools continued to be involved in the Samaritan Counseling Center's Ethics in Business Awards; all nominee packages were developed by student teams from The Anderson Schools.
- The Schools continue to generate more credit hours per faculty member than any other division of the UNM community.
- The Anderson Schools hired a full-time staff member for economic development activities. Mr. Steve Beffort, a former cabinet member of Governor Johnson's Administration, is our new economic development officer.
- The Anderson Schools hired a full-time development officer, Dr. Wynn Goering.

DEPARTMENT OF ACCOUNTING

Chair:	Alistair Preston	Professor Grant Thornton LLP Endowed Professorship
Full-time faculty:	Philip D. Bougen	Associate Professor
	Michele Chwastiak	Assistant Professor
	Norman Colter	Lecturer
	David Euler	Visiting Lecturer
	James R. Hamill	Professor

		KPMG Professorship
	Tom Mouck	Associate Professor
	Leslie S. Oakes	Associate Professor
		Anderson Advisory Professorship
	Dennis F. Togo	Associate Professor
	Craig G. White	Assistant Professor
	Joni J. Young	Associate Professor
		REDW Lectureship
Part-time Faculty:	Dawn Addington	Aaron Feliciano
	Steve Avery	Robert Tepper
	Ann Brooks	Dennis Sterosky

I. Promotions, Sabbaticals, Separations, Awards

Alistair Preston
- Continued as Chair of the Department of Accounting
- Received the Grant Thornton LLP Endowed Professorship

Philip Bougen
- Was on sabbatical leave for the Spring 2002 semester

Michele Chwastiak
- Received tenure and promotion to Associate Professor effective July 1, 2002.

Norman Colter
- Was hired effective August 2001 as a lecturer, full-time faculty member to coordinate and teach Mgt. 202 Principles of Accounting, the introductory accounting course.

David Euler
- Was hired effective August 2001 as a 1-year visiting lecturer, full-time faculty member to teach classes as determined by the Chair due to Dr. Melissa Walters York leaving in August 2001 and sabbatical leaves within the department.

Leslie Oakes
- Was recognized in a paper presented at the American Accounting Association Annual Conference in 2001 as one of the most prolific publishers from the 1998 Ph.D. graduates in accounting
- was selected as the Outcomes Assessment Coordinator at UNM
- received the Anderson Advisory Professorship

James Hamill
- Received the KPMG Professorship
- Continued as Faculty Chair for the academic year 2002-2003

Dennis Togo
- Continued as Curriculum & Programs Committee Chair for 2001-2002
- Was on sabbatical leave for the Fall 2001 semester
- Was appointed to the Faculty Senate Curricula Committee 2002-2003

Craig White

- Was selected as the New Mexico Society of CPA's Accounting Educator of the Year
- Was recognized for his research and teaching efforts in an article entitled "Ranking Small Tech's Top Regions, in the March/April 2002 magazine "Smalltimes"

Joni Young

- Received the REDW Lectureship
- Was recognized in a paper presented at the American Accounting Association Annual Conference in 2001 as the most prolific publisher from the 1991 Ph.D. graduates in accounting
- Was a featured panelist at the UNM School of Law Teach-In with regard to the events surrounding Enron's collapse
- Was appointed to the Board at Youth Development Inc.

II. Intellectual Contributions

Philip Bougen

Publications

Accepted for publication in Economy and Society: "Catastrophe Risk".

Michele Chwastiak

Publications

"Taming the Untamable: Planning, Programming and Budgeting and the Normalization of War" (*Accounting, Organizations and Society*, August, 2001, pp. 501-519).

"Silences in Annual Reports" (co-author, Joni Young), *Critical Perspectives on Accounting*, New York, NY (2002):

Presentations

Academy of Accounting Historians Research Conference, Santa Fe, NM (2001): "Contradictions Between Representation and Reality: Planning, Programming and Budgeting and the Vietnam War"
Asia Pacific Interdisciplinary Research in Accounting Conference, Adelaide, Australia (2001)): "Contradictions Between Representation and Reality: Planning, Programming and Budgeting and the Vietnam War"

James R. Hamill

Publications

Hamill, "Tax Planning for QSub Interest Transfers." TAXES – The Tax Magazine, September 2001, pp. 43-51.

Hamill, "Non-Safe-Harbor Reverse Exchange Guidance." The Tax Adviser, *Tax Clinic Section*, August 2001, pp. 523-524.

Hamill, "Deemed Sale Election Can Lock-in Capital Gain Treatment." Practical Tax Strategies, July 2001, pp. 4-9. Reprinted, in condensed form as a practice alert, in RIA Federal Taxes Weekly Alert, 8/02/01, pp. 384-386. Reprinted in Tax Ideas, 9/19/01, 227.1 to 227.10.

Invited Publications (Not Refereed)

Albuquerque Journal, Business Outlook Section, bi-monthly tax column, beginning January 2002.

UNM Accounting Department Needs your Input," NMSCPAs CPA Journal, January 15, 2002.

Publications (Tax Education Books)

Tax Aspects of Buying and Selling a Business - Accountants Education Group Self-Study Course qualifying for 20 hours of CPE credit. Published in Spring 1995. Revised in January 1996, August 1996, January 1997, September 1997, August 1998, January 1999, February 2000, January 2001, June 2001, and January 2002.

S,C, Partnership or LLC? Using a Business Form to Solve Your Clients' Tax and Business Problems. AICPA Group-Study CPE Course.

AICPA On-Line CPE Courses in 8 Topic Areas.

Text Books

Tax Point: An Interactive Taxation Learning System, Everett and O'Neil, editors. Modules 3, 12, 22 and 23.

Tom Mouck

Presentations

"Ancient Mesopotamian Accounting and Human Cognitive Evolution" presented at the Academy of Accounting Historians' 2001 Research Conference in Santa Fe, New Mexico, November 2001.

Publications

"Institutional Reality, Financial Reporting and the Rules of the Game," currently under review by Accounting, Organizations and Society

Leslie S. Oakes

Refereed Publications

Preston, A.M. and Oakes, L., The Navajo Documents : A Study of the Economic Representation and Construction of the Navajo, *Accounting, Organizations and Society,* Vol. 26 (2001) pp. 39-71

Funded Research

One of three members of a research team from the University of New Mexico working with faculty from ten other campuses across the US on a major research project on secondary education.

Presentations

Presented at the academy colloquial on Nike, Academy of management conference in Toronto, "Attestation: Nike and the Role of Auditing in Decentering the Subject."

Member of a Panel at the 2001 Academy of Management National Conference of a paper entitled "Political Acts as Knowledge Creation."

Publications

Comments on: "What is Measured Counts: Harmonized Corporate Reporting and Sustainable Economic Development," accepted for publication in Critical Perspectives on Accounting

Alistair M. Preston

Refereed Publications

Preston, A.M. and Oakes, L., The Navajo Documents : A Study of the Economic Representation and Construction of the Navajo, *Accounting, Organizations and Society,* Vol. 26 (2001) pp. 39-71

Dennis F. Togo

Publications

"A Curvilinear Approach to Teaching Learning Effects for Cost Estimation," Journal of Accounting Education, Vol. 19, No. 3, Fall 2001, pp. 211-223.

Other:

Contract Report with Sandia National Laboratories: "Activity-Based Costing of ProForce Patrols for Management Decision Making, 2001

FSA Report: Response to the Albrecht/Sack monograph- Accounting Education: *Charting the Course through a Perilous Future*, 2001.

Craig G. White

Publications

White, C. -. "Disruptive Technologies and the Tax Law," *Engineering Management Journal,* 13(3): 21-26, 2001

White, C. - "A Spreadsheet Tool for Analyzing the Auto Lease Versus Purchase Decision," *The CPA Journal,* (July): 66-70, 2001

Walters-York, M. and C. White, "Taxes and Technology: The Research Credit Presents Opportunities and Hurdles to Taxpayers," *Strategic Finance,* (July): 14-16, 2001

Presentations

"Update on Cost Modeling of Microelectromechanical Systems (MEMS) Production" presented at the Commercialization of MicroSystems Conference September 2001.

Trade Journals

Walsh, S. and C. White. 2001. "Commercialization Corner: End-User's Role in Determining the Rate of Innovation and Diffusion," *Micromachine Devices* (August): 9-11

Invited Publications

White, C. 2001. "Cost Modeling for MEMS/MST Applications," *The MEMS/MST International Roadmap.*

Coordinated/wrote requested comments to the IRS regarding simplification of education incentives and the "kiddie" tax.

Research Grants:

Walsh, S. and C. White. 2002. Applying MEMS Cost Model Work to Sandia Initiatives

Joni J. Young

Publications

Risk(ing) Metaphors, *Critical Perspectives on Accounting.* (2001)

Constructing, Persuading and Silencing: *The Rhetoric of Accounting Standard,* provisional acceptance from Accounting Organizations and Society

"Silences in Annual Reports" (co-author, M. Chwastiak), *Critical Perspectives on Accounting*, New York, NY (2002):

III. Service Activities

In addition to the service activities listed under the names of each faculty member in the Department of Accounting, each faculty member participates in the recruitment process by attending a minimum of two on-campus lunches and two off-campus open houses sponsored by the Accounting Firms and other businesses in the community who hire Anderson School accounting students. The focus of this recruitment takes place during the month of September.

The Department of Accounting also hosted the following four visiting scholars:

1) Dr. David Cooper, University of Alberta, Edmonton, Canada, presented a paper entitled "Managing Across the 'Friction of Space' in Auditing" on November 20, 2001
2) Dr. Thomas Ahrens, London School of Economics and Political Science, presented a paper entitled "The structuration of legitimate performance measures and management: Day-to-day contests of accountability in a U.K. restaurant chain," on January 15, 2002
3) Dr. Robert Ricketts, Texas Tech University, Lubbock, TX, presented a paper entitled "Implicit Taxes and Stock Market Capitalization of Unexpected Earnings for Dividend-Paying vs. Capital Gain Stocks," on Friday, March 1, 2002; and
4) Dr. Michael Gaffikin, University of Wollongong, New South Wales, Australia presented a paper entitled "The A Priori Wars: The Modernisation of Accounting Thought," on April 25, 2002. The visiting scholar program is sponsored by the accounting firm of Pulakos & Alongi, and organized by the Department of Accounting at the Anderson Schools of Management. The program is designed to bring nationally and internationally recognized scholars in accounting to the Anderson Schools of broaden faculty and student perspectives on contemporary accounting issues in the US and world-wide.

The Department of Accounting organized the Annual Accounting Career Fair held at the Marriott on Wednesday, September 12, 2001. The honor society, Beta Alpha Psi assisted in manning the front sign-in desk the evening of the event. This event offers Anderson accounting students an opportunity to meet with local and national accounting firms, local businesses recruiting accounting students, government agencies and members of local and national accounting organizations assisting members in a variety of ways.

The University of New Mexico, Anderson Schools of Management, have been selected by the Association for Latino Professionals in Accounting and Finance to be the host school for the Annual Convention to be held in Albuquerque, New Mexico in October 2003. The Department of Accounting organized and hosted a luncheon at University House on March 20, 2002. This luncheon attended by members of the national and local boards of ALPFA and representatives from local businesses was an opportunity for ALPFA to introduce their organization and upcoming plans for the 2003 annual conference and the opportunities this conference afforded to local businesses.

In May, 2002, the Department of Accounting launched its Masters of Accounting Degree for non-accounting undergraduates.

Philip Bougen

Ad hoc Reviewer:
- *Accounting Organizations and Society*
- *Accounting, Audit and Accountability*

Beta Gamma Sigma faculty advisor and coordinator for ASM Chapter

Michele Chwastiak

Editorial Board: *Accounting Forum*

Ad hoc Reviewer:
- *Critical Perspectives on Accounting;*
- *Accounting, Auditing and Accountability Journal*
- *Accounting and the Public Interest*

Accounting Department representative on the Policy & Planning Committee
Attended ASM Graduation in December 2001
Member of the Departmental Committee for Curriculum Review
Attended ASM Hall of Fame Awards Dinner
Attended Accounting Department Town Hall on curriculum change in Albuquerque and Los Alamos
Attended AGBS Lunch with Accounting Faculty

Norman Colter

Attended Fall 2002 ASM Commencement
Faculty Advisor for Association of Latino Professionals in Finance and Accounting
Attended all recruiting lunches with accounting firms

James R. Hamill

ASM Faculty Chair, ASM, 2001-2002.
Tax presentation to Association of Non-Traditional Students
Selection Committee – ASM Up and Comers Award
Advisor for the Masters of Accounting Program
ASM Budget Review Subcommittee, chair
American Taxation Assoc. – Tax Policy Oversight Committee
Graduate Tax Education Committee
NM Society of CPAs
- Member
- Board of Directors
- 2001 Tax Conference Organizing Committee
- Liaison between Board and Professional Development Leadership
- CPE Selection Task Force
- Chair, Project Team to Respond to AICPA/NASBA CPE Standards
- Professional Development Leadership Section
- Tax Conference Speaker
- CPE Evaluation Task Force

American Taxation Association, Graduate Tax Education Committee, 2001-2002
Chair, ASM Dean's Advisory Review Committee
Speaker:
- Institute Management Accountants
- American Society of Women Accountants

NM Estate Planning Council
United Way Community Fund Review Panel
Participant at NMCPA Town Hall Meetings

Conducted Seminars for
Accounting & Consulting Group, Ltd
AICPA
Arizona Society of CPAs
Atkinson & Company
BDO Seidman LLP
Burt and Nagel Ltd.
CPA America International
CPA Associates International
Ernst & Young LLP
NMSCPAs
Illinois Society of CPAs
Indiana Society of CPAs
Johnson, Miller & Co.
Lorman Educational Svcs.
Meyners + Co.
Potter & Co.
RSM McGladrey, Inc.
Washington Society of CPAs

Tom Mouck
Ad hoc Reviewer:
AAAJ
Accounting Forum
Critical Perspectives on Accounting
Member Editorial Advisory Board for:
Accounting, Auditing and Accountability Journal;
Accounting Forum
Alternative Perspectives on Finance and Accounting

Leslie S. Oakes
Member Athletic Council
Member Strategic Planning Task Force
Participated in Faculty Mediation at the Faculty Dispute Resolution Center
Coached new mediators in training at the Faculty Dispute Resolution Center
Faculty Senate ASM Representative
Member Grade Petition Committee
Member Faculty Advisory Review Committee
Member tenure committee for Lee Francis
Attended ASM commencement Fall 2001
Served as Marshall for UNM commencement Fall 2001
Taught 3 workshops on financial management of the NM Community Development Loan Fund
Taught workshop for the NM Community Foundation
Faculty advisor for the Hispanic Business Student Association
Member Finance Committee of Healthcare for the Homeless
Outcomes Assessment Coordinator, CASTL
Participant at NMCPA Town Hall Meetings

Ad hoc reviewer for:
Accounting Historians Journal
Management Inquiry
Administrative Science Quarterly
Critical Perspectives on Accounting
Contemporary Accounting Review
Accounting, Organizations and Society
Organizational Studies
Advances in Public Interest Accounting
European Accounting Review
Accounting, Auditing and Accountability Journal

Alistair M. Preston, Chair
Member of the Chairs and Deans Committee
Member Departmental BBA Curriculum Review Committee
Member of the Association of Latino Professionals in Finance and Accounting
Member AGBS Orientation Panel
Taught for NM Community Foundation
Taught classes for MDC Fraud Investigation Certificate and Basic Accounting Certificate
Participated in panel discussion at Petroleum Club, LAAA Organization
Moderator at the Accounting Historian's Conference in Santa Fe, NM
Consulting with the UNM Medical School to improve business practices:
Family Medicine; Pathology; Cancer Center; OB-GYN; Hematology and Oncology; Pediatrics and Radiology
Contract with Telehealth to develop a business plan for their organization
Contract with Health Policy Commission to formulate charity case reporting regulations
Performed business analysis for Medical Memorial Hospital in Las Cruces with Dr. White
Initiate bi-annual meetings with recruiting representatives of the accounting firms
Instructor - Basic Accounting Certificate Program organized through the ASM-MDC
Attended:
Beta Alpha Psi initiation dinner and reception and monthly technical meetings; ASM Hall of Fame Event; Attended Up and Comers Awards Event, ASM and UNM Graduation Ceremonies; ASM Career Fair; PNM Chair Reception at University House; Graduate student recruitment workshop; MDC presentation, Keys to Being a Great Instructor; Beta Alpha Psi Advisory Board Meetings; Scholarship Reception at University House; NAB Dinner; Pride in Profession Lunch; ASM Foundation Board Meetings; Exit Meeting of GUR Committee; MBA reception at University House, On-campus recruitment lunches with Accounting Firms and Off-campus open houses with Accounting Firms; Greater Albuquerque Chamber of Commerce Luncheon
Speaker at ASM-EMBA Open House
Member Editorial Board of Accounting, Organizations and Society
Ad hoc Reviewer:
Critical Perspectives in Accounting
Participated in Technology Ventures Corporation
Technology Ventures Corporation advises and assists in the preparation of a business case to commercialize a technology
Participant at NMCPA Town Hall Meetings

Dennis F. Togo
Editorial Board, *Issues in Accounting Education*, AAA
Member Federation of Schools of Accountancy Curriculum Content Committee

Member American Accounting Association Information Technology in Accounting Education Committee
Member American Accounting Association Assessment Committee
Member:
NM Society of CPAs
American Institute of CPAs
American Accounting Association
Sandia Audit Intern Program Committee
Chair, Anderson Schools of Management Curriculum & Programs Committee
Campus Representative for Institute of Management Accounting
Attended Spring 2002 ASM Graduation
Accounting Department Curriculum Revision Committee, Chair

Craig G. White

Secretary of the Albuquerque Chapter of the New Mexico Society of CPAs
Treasurer of Easter Seals New Mexico
Member of Board of Directors of Easter Seals of New Mexico
Advisor to a firm in Technology Venture Corporation's venture capital event
Faculty Advisor – Beta Alpha Psi – ASM Chapter
Faculty Advisor University of New Mexico Volunteer Income Tax Assistance Program
Attended ASM Hall of Fame Event
Participant at the 26th NM First Town Hall: NM Taxes
Participant at NMCPA Town Hall Meetings
Member NM Society of CPAs Task Force to Review AICPA's new continuing professional education requirements
Member:
American Accounting Association
American Taxation Association
ATA Family Tax Policy Committee
NM Society of CPAs
Albuquerque Chapter of NM Society of CPAs
Appointed Chairman of the American Taxation Association's Family Tax Policy Subcommittee

Joni J. Young

Co-organizer of 2001 Accounting Historian's Conference held in Santa Fe, NM, Nov. 2001.
Attended ASM Hall of Fame Event
Member of editorial boards of:
Accounting History (1999-present)
Accounting Historian's Journal (1995-present)
Chair, Research Committee, Academy of Accounting Historians
Advisory Board, Accounting History Conference, Melbourne, Australia
Departmental Representative on the Curriculum & Programs Committee 2001-2002
Member Accounting Curriculum Review Committee (2001 to present)
ASM Scholarship Committee
Attended Beta Alpha Psi Advisory Board meeting
Attended awards ceremony for scholarship and lectureship winners and spoke on the significance of lectureships
Attended Accounting Department Career Fair
Ad hoc Reviewer for:
Accounting History
Accounting Historians Journal

Accounting, Organizations and Society
Critical Perspectives on Accounting
Accounting, Auditing and Accountability Journal
Accounting and the Public Interest
Member Public Interest Section Liaison for the AAA quality of earnings project
Reviewer for Accounting Historian's Conference November 2001
Member of Congress Advisory Panel of 9th World Congress of Accounting Historians
Member of Finance Committee of The Academy of Accounting Historians
Moderator at Accounting Historians Conference
Member Beta Alpha Psi Board
Volunteer Tutor for APS Title I Homeless Project

DEPARTMENT OF ORGANIZATIONAL STUDIES

Chair:	Helen J. Muller	Professor
Full-time Faculty:	John Ackerman	Visiting Lecturer
	Joe Champoux	Professor
	Jan B. Corzine	Associate Professor
	Eddie Dry	Lecturer
	Sally Fuller	Associate Professor
	Virginia Gerde	Assistant Professor
	Jacqueline Hood	Professor
	Jeanne Logsdon	Professor
	Allen Parkman	Professor
	James Porter	Associate Professor
	Paul Sandoval	Visiting Lecturer
	Paula Silva	Assistant Professor
	Douglas Thomas	Assistant Professor
	Howard Smith	Dean/Professor
	John E. Young	Professor
Part-time Faculty:	Tom Bonafair	Fritz Eberle
	Dan Faber, J.D.	Kelly Fonville
	Helen Gonzales	Daniel Ivey-Soto, J.D.
	Ron Johnson	John Kneen
	Judy Moore, J.D.	Jack Ning
	Drew Parsons	Kalynn Pirkl
	Elaine Ramirez	Rebecca Rigney
	Victor Rizzo, Ph.D.	Thomas Schuchert
	Cheryl Schuster	Margie Vance
	Larry Waldman	J. Deane Waldman, M.D.

I. Significant Developments, Sponsored activities

- Currently housing the international journal - ***Business & Society*** – with Prof. Logsdon as Editor.
- Facilitated monthly faculty meetings with the Department plus extra summer meeting (to launch discussion of a new Management concentration).
- Hosted a reception hosted in spring to thank DOS faculty and adjunct faculty for their contributions.

- Faculty searches 2001-2002: Search process begun in summer included obtaining authorization for search (Dean & OEO), organizing and working with 9 member search committee, 3 days of chats with prospective applicants at Academy of Management annual meeting in Washington, D.C., screening and on-site interviews in fall for positions in HRM and/or Strategy. 2 candidates interviewed for HRM resulted in hiring of Dr. Michelle Arthur from Purdue University as Assistant Professor of HRM. 2 candidates interviewed for possible Strategy position resulted in a job offer with acceptance pending till Jan 02.
- Faculty promotion reviews in fall – securing of documents, outside reviewers & monitoring process, etc for spring 02 reviews of two candidates.
- Visiting Lecturers hired including extension/continuation of Mr. John Ackerman and Dr. Paul Sandoval for 01-02.
- Proposed and secured agreement on DOS course changes in Fall 2001 – Negotiations, Mergers & Acquisitions & several minor changes.
- **The American Indian Business Association (AIBA)** had a very successful, active year which included recruitment to Native feeder schools, conference presentations, and a banquet sponsored by and held at Sandia Casino that involved tribal leaders, corporate sponsors, ASM faculty, students, and family. Professor Muller is faculty advisor.

Jeanne Logsdon

Is the Editor for *Business & Society*, and Chair, Social Issues in Management division of the Academy of Management.

John Ackerman

Is our liaison for the Annual NM Business Ethics Awards and works with 2 undergraduate classes on assessing the potential recipients' qualifications. He is also Chair of the Board of Trustees for Menaul School and was appointed by the Governor of the State of New Mexico to chair the Board of Trustees of the New Mexico Museum of Natural History and Science.

Eddie Dry

Was appointed to the Board of Directors of the New Mexico Lodging Association, Spring 2002.

Jacqueline Hood

Was nominated to Management and Productivity Committee of the Transportation Research Board, June 2002. The Transportation Research Board (TRB) is a unit of the National Research Council, a private, nonprofit institution that is the principal operating agency of the National Academy of Sciences and the National Academy of Engineering. The Management and Productivity Committee is one of the standing committees and is concerned with process and operational approaches that produce improved performance of transportation organizations.

Allen Parkman

Is a member of the Advisory Board for the New Mexico Family Strengthening Initiative.

John E. Young

Is thePrincipal Investigator on Mentor-Protégé Grant for minority businesses with the U.S. Air Force, 311th Human Systems Wing's Small Business Office. Received grant to work with Terradigm, Inc. of Albuquerque. Terradigm was listed in 2001 as one of Inc. Magazine's 500 fastest growing companies. Dr. Young is also a member of the Board of Directors for the New Mexico Small Business Investment Corporation

II. Significant plans and recommendations for the near future

We are in the process of analyzing the pros and cons of starting up a Ph.D. program in Organizational Studies. We have created a small task force consisting of one representative from the current General Management, Entrepreneurship, Human Resources Management, and Travel & Tourism concentrations to develop a proposal that defines a new Management concentration, its requirements, the 3 tracks, what we want students to get out of this concentration, and the new name. We are engaged in a recruitment effort to hire one new assistant professor who will begin in August 2003. We are focusing our curriculum review efforts on our undergraduate concentrations to enhance their quality. We are embarking on an effort to publicize our faculty and program accomplishments to the local and state communities. We are working with the ASM Development Office to secure grant monies for an American Indian Business & Management program.

III. Appointments, Promotions, Separations

Dr. Sally Fuller

- Was hired in the area of Organizational Behavior. She began teaching the Organizational Behavior courses in Fall 2001.

Dr. Douglas Thomas

- Was hired in the area of Strategic Management. He began teaching the Strategic Management courses in Fall 2001.

IV. Intellectual Contributions

Joe Champoux

Books

Organizational Behavior: Essential Tenets. Mason, Ohio: South-Western/Thomson Learning, 2003 (474 pages). 2nd edition of my organizational behavior textbook.

Instructor's Manual to Accompany Organizational Behavior: Essential Tenets. Mason, Ohio: South-Western/Thomson Learning, 2003 (243 pages). For 2nd edition.

Organizational Culture and Not-for-Profit Organizations. In T. D. Connors (Ed.), *The Nonprofit Handbook, 3rd Edition: Management 2002 Supplement*. New York: John Wiley & Sons, Inc., in press.

Proceeding

Seeing Organizational Behavior and Management Concepts in United Kingdom Cinema and Television Episodes. *Proceedings of the British Academy of Management*, September 5-7, 2001, Cardiff University, Cardiff, Wales (with Tamar Jeffers, University of Warwick; Abstract only)

Presentations

Human Resource Management Concepts in Cinema. Professional Development Workshop: Academy of Management, Washington, D.C., August 3-8, 2001.

Professional Development Workshop: Cross-Cultural Learning from Foreign Films. Academy of Management meeting, Washington, D.C., August 3-8, 2001.

Jan B. Corzine

Proceeding

A Confucian Approach to Self-Cultivation through Entrepreneurial Learning, with John Young. *Proceedings of the Eighth Annual Conference on Advances in Management*, Athens, Greece, July 2001, 31.

Articles Under Review

Machiavellianism and Social Power (with G.C. Hozier, Jr.) under review at *Psychological Reports* (October 2001).

The Sage Entrepreneur: Traditional Confucian Practices Applied to Contemporary Entrepreneurs. (with John Young). Submitted in January, 2002 for presentation at the Academy of Management Annual Meeting, Denver, Colorado, August, 2002.

The Confucian "Way" and the Sage Entrepreneur (with John Young) under review at *Organization* (Feb. 2002).

Eddie Dry

Reports

Santa Fe Indian Market 2001. Prepared for Southwestern Association for Indian Arts, Institute of American Indian Arts, and NM Department of Tourism (59 pages). Dated Jan. 23, 2002.

Contracts

USAID, US Agency for International Development, 2002. Development of Management Systems for Village of Emiliano Zapata, Chiapas, Mexico.

Sally Fuller

Publications

"Diversity rhetoric and the managerialization of law." With L.B. Edelman & I. Mara-Drita. American Journal of Sociology, 106, 1589-1641, 2001.

"Organizational structural elaboration in response to the Americans with Disabilities Act." With S. Matusik. Invited revise and resubmit, Organization Science.

" The nexus of work arrangement preferences and demand for skills: An exploratory study of alternative work." With S. Matusik. Submitted - under review, Work and Occupations.

Chapter in Book

"The GGPS model: Broadening the perspective on group problem solving." With R.J. Aldag. In M. Turner (Ed.), Groups at Work: Theory and Research (pp. 3 – 24). Hillsdale, NJ: Lawrence Erlbaum Associates, Inc., 2001.

Virginia Gerde

Proceedings

The Just Organization: Normative Design Principles and Social Performance. The 8th Annual International Conference Promoting Business Ethics, Chicago, IL., October 24-26, 2001.

Articles Under Review

Normative Design Principles for a Just Organization. With C. Stephens & R. Wokutch. Under review at the *Academy of Management Review*, Nov 2001).

Power and Social Behavior: A Structuration Approach to Stakeholder Networks. under review for a special issue of *Journal of Corporate Citizenship* (submitted November 2001) With S. Welcomer and P. Cochran.

Jacqueline Hood

Publication

Attitudes of Hispanics and Anglos Surrounding a Workforce Diversity Intervention. With H.J. Muller & P. Seitz. Hispanic Journal of Behavioral Sciences, 23(4), 444-458, 2001.

The Relationship of Leadership Style and CEO Values to Ethical Practices in Organizations. Journal of Business Ethics (forthcoming).

Business Ethics in the NAFTA Countries: A Cross-Cultural Comparison. With J. M. Logsdon. Journal of Business Research, 55(11), 883-890, 2002.

Proceedings

The Impacts of Leadership and Culture on Ethical Decision Making: The Case of the NAFTA Countries. With J.M. Logsdon. Proceedings of the Eighth Cross Cultural Research Conference, Oahu, Hawaii, 2001.

Presentations

The Impact of Leadership on the Relationship of Locus of Control and Well-being to Job Outcomes (with C. P. Nguyen). Presented at the Western Academy of Management Meeting, Santa Fe, March 2002.

The Employee-Career Continuum: Finding and Keeping Exceptional Employees (with M. Mullins, A. Alarid, D. Albright). Presented at the National Academy of Sciences, Transportation Research Board, Washington, DC, January 2002.

"Surviving a Change in Management," invited panel member for the Association of Art Museum Administrators conference, April 2002.

"Domestic Scan Results," invited speaker to the American Association for State Highway and Transportation Officials, Human Resources Division annual meeting, San Antonio, Texas, March 2002.

Political Acts as Knowledge Creation (with L. Oakes). Presented as part of a symposium at the Academy of Management Meeting, Gender and Diversity in Organizations Division, Washington, D.C., August 2001.

Top Management Team Heterogeneity, Power and Performance in a Hospital Setting (with P. Pitcher, A.D. Smith, & S.M. Houghton). Presented at the Academy of Management, Business Policy and Strategy Division, Washington, D.C., August 2001.

Speaking Engagements

"Survey on Recruitment, Retention, and Workforce Development," invited speaker to the National Transportation Training Directors Conference, New Orleans, November 2001.

"Recruitment and Retention," invited presentation speaker at the Western Association for State Highway and Transportation Officials, Phoenix, Arizona, July 2001.

Grants & Contracts Received

Research Contract from the New Mexico State Highway and Transportation Department (NMSHTD), Long Range Planning. Contract is to conduct a study on the perceptions of the public of the NMSHTD, $20,000, January 2002.

Jeanne Logsdon

Articles

"Measuring Environmental Performance: Use of the Toxics Release Inventory (TRI) and Other U.S. Environmental Databases" (with Virginia W. Gerde). Business Strategy and the Environment, 10 (5): 269-285, 2001.

"Theorizing Business Citizenship" (with Donna J. Wood). Book chapter in J. Andriof and M. McIntosh (eds.), Perspectives on Corporate Citizenship. London: Greenleaf Publishing, pp. 83-103, 2001.

Proceeding

"Meeting the Challenge of Transparency: Pioneering Practice" (with Patsy G. Lewellyn). In C. Dunn & D. Windsor (eds.), Proceedings of the Twelfth Annual Meeting of the International Association for Business and Society, Sedona, AZ, pp. 101-106, 2001.

Helen J. Muller

Publications

"A Quest for Global Culture: Corporate Learning from Germany and Japan in Alabama and Austria?" With G. Apfelthaler & R. Rehder. Journal of World Business, Vol. 37(3), 2002.

"Attitudes of Hispanic and Anglos Surrounding a Workforce Diversity Intervention." With J.N. Hood & P. Seitz. Hispanic Journal of Behavioral Sciences, Vol. 23(4): 444-458, 2001.

Articles Under Review

"A Pueblo Tribe's Claim to the Sandia Mountains: Managerial Implications." With T. Bitsie. Under review at Academy of Management 2002 Annual Meeting, Denver, CO (30 pages).

Academic Papers Presented

"Improving Product Quality at Ford: Human Resources and Supply Chain Management" (with C. Schultz). National Business and Economics Society Annual Conference, Maui, Hawaii, March 2002.

Muller, H.J., Schultz, C., Popescu, A.& Ramos, D. (2001), "Ford's Star in Hermosillo: Continuous Improvement in Product Quality and Supply Chain" (with C. Schultz, A. Popescu, and D. Ramos). Association for Global Business, Cancun, Mexico (Nov. 2001).

Proceedings

"American Indian Enterprises and Social Responsibility: Dependence to Self-Governance," published in *Proceedings of the International Association for Business and Society*, 11th Annual Meeting in Sedona, Arizona. March 2001.

"Mexican, Japanese, & U.S. Women at Work: Rethinking Power" (with A. Sumi), 4-page abstract published in *Proceedings of the International Gender, Work, and Organization Conference*, Keele University, Keele, England. June, 2001.

Allen Parkman

Publications

"Property Settlements as the Cornerstone of Financial Arrangements at Divorce." *Journal of Law and Family Studies,* forthcoming.

Article Under Review

"The Importance of Gifts in Marriage" under review at *Journal of Political Economy.*

Conference Presentation

"What is the Marriage to Which We Have a Right?" International Society of Family Law, Oslo, Norway, August 7, 2002.

Douglas Thomas

Publications

"Country of origin determinants of foreign direct investment in a developing country: The case of Mexico." With Robert E. Grosse. *Journal of International Management*. 7: 59-79, 2001.

Conference Presentations

"Explaining the inward and outward internationalization of emerging market firms: A focus on Mexico." With Robert Grosse. Presented at BALAS annual conference, Tampa, Florida, March 2002.

John E. Young

Proceeding

"A Confucian Approach to Self-Cultivation Through Entrepreneurial Learning" (with Janice B. Corzine). Proceedings International Conference on Advances In Management, (ICAM2001), July 11-14, 2001, Athens, Greece.

Presentations

"The Enlightened CEO." Annual National Meeting of the Academy of Management." August 5-8, 2001, Washington, D.C.

DEPARTMENT OF FINANCE, INTERNATIONAL AND TECHNOLOGY MGT

Chair:	Suleiman K. Kassicieh	Professor	Albert Franklin Black
Full-time Faculty:	Leslie Boni	Asst. Prof.	
	Dante Di Gregorio	Asst. Prof.	
	Chris Fogel	V. Lecturer	

	Raul de Gouvea	Assoc. Prof.	
	Dwight Grant	Professor	Douglas M Brown Professorship
	Jana Hranaiova	Asst. Prof.	Sandia Federal lectureship 2002-2005
	John Schatzberg	Professor	Sandia Federal lectureship (#2)
	Carlos Ulibarri	V. Asst. Prof.	
	Gautam Vora	Professor	Sandia Federal lectureship (#1)
	Steve Walsh	Asst. Prof.	
Part-time Faculty:	Mark Allen		
	George Friberg		
	Robert Haak		
	John Kneen		
	Robert Rikoon		
	George Sanzero		
	Carol Sumpter		
	Ross Thomas		

I. Significant Developments, Sponsored Activities

Summer semester 2002 - The Anderson Schools of Management and members of the FIT Department at The University of New Mexico are hosted 61 Executive MBA students from a private university in Sao Paulo, Brazil. The students, from the Fundação Armando Álvares Penteado University (FAAP) spent three weeks at The Anderson Schools as part of an international exchange study. They took classes in Organizational Behavior and Diversity, Electronic Commerce, Management of Services and Mergers and Acquisitions, taught by Anderson Schools' faculty members Dante Di Gregorio, Jackie Hood, Jana Hranaiova, Sul Kassicieh and Steve Yourstone. The exchange students have also visited Sandia National Laboratories and Intel Corporation, and attended lectures by local and national business people. The 61 students are accompanied by 4 professors, who have given guest lectures in some of UNM's summer courses as well as to the local business community.

Andres Salazar was selected for the PNM Chair in Microsystems, Commercialization and Technology and became a member of the FIT Faculty in July 2002.

II. Significant Plans and Recommendations for the Near Future

The department intends to continue to strengthen its teaching and research activities, its strong ties with the technological innovation community to support company formation, high-wage job growth and economic development and with universities in other countries, especially Latin American countries.

III. Appointments, Promotions, Separations

Andy Salazar
- Joined the FIT Department as the PNM Chair

Dante Di Gregorio
- Was hired as a full-time Assistant Professor of International Business.

Sul Kassicieh
- Stepped down as department chair

Dwight Grant

- Appointed the new department chair

Gautam Vora

- Was on sabbatical for the Spring 2002 Semester
- Was promoted to full Professor of Finance --- 2002

John Schatzberg

- Promoted to full Professor of Finance --- 2001

IV. Intellectual Contributions

Leslie Boni

Publications

Supply Contraction and Trading Protocol: An Examination of Recent Changes in the U.S. Treasury Market", (with Chris Leach), presented at 2001 Federal Reserve Bank of Cleveland Conference on Declining Treasury Debt, *Journal of Money, Credit, and Banking,* August 2002, part 2, 740-762.

"Wall Street's Credibility Problem: Misaligned Incentives and Dubious Fixes?", (with Kent Womack), presented at the 5th Annual Brookings-Wharton Conference on the Future of Securities Markets, *Brookings-Wharton Papers on Financial Services,* 2002, 93-130.

"Conflicts of Interest Facing Securities Research Analysts: Implications for Capital Markets", (with Luis Alberto Giorgio and Pietro Masci), *Infrastructure and Financial Markets Review,* March 2002, Volume 8, Number 1.

Presentations

Invited participant, 5th Annual Brookings-Wharton Conference on the Future of Securities Markets, January 2002. "Wall Street's Credibility Problem: Misaligned Incentives and Dubious Fixes?" presented by co-author Kent Womack.

Invited participant, Federal Reserve Bank of Cleveland Conference on Declining Treasury Debt, October 2001. "Supply Contraction and Trading Protocol: An Examination of Recent Changes in the U.S. Treasury Market" presented by co-author Chris Leach.

Raul de Gouvea

Refereed Publications

Gouvea, R., and Kassicieh, S. (2001). "E-Learning in Latin America." *Journal of Institutional Research,* Vol.10, No.1, p. 1-15.

Gouvea, R., and Kassicieh, S. (2001). "Resources-Based Innovation: The Case for the Amazon Region." *Engineering Management Journal,* Vol.13, N0.1, p. 28-32.

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2001). "Evaluation of Export Performance in Three Brazilian Economic Regions." *Journal of Current Research in Global Business."* Vol.3, No.4, p.17-25.

Gouvea, R., and Hranaiova, J. (2002). "Brazil and the FTAA: Strategic Trade Options." *Multinational Business Review.* Vol.10, No.2, Fall, p.33-41.

Gouvea, R., and Kassicieh, S. (2002). Defense Conversion and Globalization.. *Journal of International Business and Entrepreneurship.* (Forthcoming)

Gouvea, R., Hranaiova, J. (2002). "Mercosur & The FTAA: Portfolio Approach to Assessing Trade Options." *Journal of Global Business.* Forthcoming.

Gouvea, R., Kassicieh, S. (2002). "Latin America.Com." *Journal of Current Business Research.* (Forthcoming).

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2002). "Effect of Technology on International Competitiveness and Export Portfolio Diversification." *Journal of Global Competitiveness.* (Forthcoming).

Gouvea, R., and Kassicieh, S. (2002). "Brazil.Com." *Thunderbird International Business Review,* Vol. 44(1), p.105-117.

Gouvea, R. (2002). "Brazil and Mexico: Partners in Sowing a Free Trade Area of the Americas." *Thunderbird International Business Review.* Forthcoming.

Invited Articles

Gouvea, R., Kassicieh, S., and Hranaiova, J. (2001). "Measuring Trade Exposure." *Estrategica,* Vol.1, No.2, p.8-18.

Gouvea, R., and Santos (2002). "Globalization: The Impacts of September 11th" *Estrategica,* Vol.1, No.3, forthcoming.

Articles Under Review And Resubmission – Refereed Journals

Gouvea, R., and Hranaiova, J. (2002). "Are Eco-Variables Driving Tourism Demand?" *Journal of Global Business*

Articles Under Review – Refereed Journals.

Gouvea, R., and Kassicieh, S. (2002). "The Brazilian Biotech Industry." *SMS Book Series.*

Gouvea, R. (2002). "Ecotourism In Latin America: Opportunities and Challenges." *Review of International Studies.* Cambridge.

Gouvea, R.; Hranaiova, J., and Kassicieh, S. (2002). "Assessing the Optimality of Export Portfolios for Five Brazilian Economic Regions." *Journal of Economic Geography*

Gouvea, R (2002). "Ëcoturism in the Amazon Region." *Latin American Business Review.*

Refereed Published Proceedings

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2002). "Assessing the Optimality of Export Portfolios For Five Brazilian Economic Regions." Association for Global Business, Las Vegas, Nevada. November 21-24

Gouvea, R., and Hranaiova, J. (2002). "Are Eco-Variables Driving Tourism Demand.?" Association for Global Business, Las Vegas, Nevada. November 21-24.

Gouvea, R., and Hranaiova, J. (2002). "Building Strategic Alliances in the Americas." Academy of International Business, USA, Northeast Region. September 26-28. Salisbury-Ocean City, Maryland.

Gouvea, R., Hranaiova, and Kassicieh, S. (2002). "Shifting the Technology Paradigm: Moving Towards Commercialization: The Brazilian and Slovakian Experience." Academy of International Business, USA Northeast Region. September 26-28. Salisbury-Ocean City, Maryland.

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2002). "Assessing the Optimality of Export Portfolios for
Five Brazilian Economic Regions. Proceedings of the Ninth Annual Meetings ASBBS. Las Vegas, February 8-11.

Gouvea, R., and Hranaiova, J. (2002). "Brazil and the FTAA: Strategic Trade Options." Proceedings of the Midwest Academy of International Business, Annual Conference. Chicago.

Gouvea, R., and Kassiceh, S. (2001). "From Defense Conversion to Globalization Strategies: The Brazilian Aircraft Manufacturer Embraer." Proceedings of the Association for Global Business." Cancun, Mexico. November 14-17.

Gouvea, R., and Kassicieh, S. (2001). "E-Learning in Latin America." Proceedings of the American Society of Business and Behavioral Science. Las Vegas, Nevada, February.

Program Presentations Refereed

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2002). "Effect of Technology on International Competitiveness and Export Portfolio Diversification." American Society for Competitiveness (ASC). Thirteenth Annual Conference on Competition in a Turbulent World. Washington D.C., October 10-12.

Gouvea, R. and Kassicieh, S. (2002). "Latin America.Com." Association for Global Business. Las Vegas, Nevada. November 21-24.

Gouvea, R., Kassicieh, S., Di Gregorio, D., and Hranaiova, J. (2002). "Predicting E-Commerce Penetration Using Economic Variables." Western Decision Sciences Institute Annual Meeting, April 2002. Las Vegas, Nevada.

Gouvea, R., Kassiceh, S. (2002). The Brazilian Biotech Industry." SMS Argentina Mini-Conference. Buenos Aires, Argentina, March.

Program Presentations Refereed

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2002). "Effect of Technology on International Competitiveness and Export Portfolio Diversification." American Society for Competitiveness (ASC). Thirteenth Annual Conference on Competition in a Turbulent World. Washington D.C., October 10-12.

Gouvea, R. and Kassicieh, S. (2002). "Latin America.Com." Association for Global Business. Las Vegas, Nevada. November 21-24.

Gouvea, R., Kassicieh, S., Di Gregorio, D., and Hranaiova, J. (2002). "Predicting E-Commerce Penetration Using Economic Variables." Western Decision Sciences Institute Annual Meeting, April 2002. Las Vegas, Nevada.

Gouvea, R., Kassiceh, S. (2002). The Brazilian Biotech Industry." SMS Argentina Mini-Conference. Buenos Aires, Argentina, March.

Invited Articles In Business Magazines

Gouvea, R. (2001). "Hora de Fechar o Circulo." Exame Negocios, June, p. 64.

Established in 2001 Exchange Agreement between University of New Mexico and Monterrey Tech. Mexico

Dante Di Gregorio

Publications

Di Gregorio, D., and Shane, S. 2002. Why do some universities generate more start-ups than others? Forthcoming, *Research Policy.*

Smith, K. G. and Di Gregorio, D. 2002. Explaining entrepreneurial action. In Hitt, M., Ireland, D., Camp, M. and Sexton, D. (Eds.), *Strategic Entrepreneurship: Creating a New Integrated Mindset.* Oxford: Blackwell and Strategic Management Society.

Co-author of more than fifty market profiles on Mexico published and distributed by the Department of Foreign Affairs and International Trade of the Government of Canada, including Oil and Gas, Custom Machine Tools, Biotechnology, and Ocean and Marine Technologies. This series of publications received an award from the contracting agency for outstanding performance.

Co-author of several market research reports on Chile, Cuba and other countries published and distributed by the Department of Foreign Affairs and International Trade of the Government of Canada, including Chile: A Partner for the Future, and Chile: Environmental Equipment and Services

Author or co-author of numerous practitioner-oriented publications and trade journal (e.g., Business Mexico) articles.

Author or co-author of numerous studies and publications solicited by corporate and public sector clients, including Sandia National Laboratories, SEBRAE-Rio Grande do Sul (Brazilian Small Business Administration), New Mexico Economic Development Department, Enron Corporation, City of Albuquerque, and GE Capital/TIP de México.

Kassicieh, S., de Gouvea, R., and Di Gregorio, D. E-commerce activity and opportunities in Latin America. Competitive paper to be presented at the Strategic Management Society Mini-Conference on Entrepreneurship and New Technologies for Latin America, March 2002, Buenos Aires, Argentina.

Di Gregorio, D. and Shane, S. 2001. Why do some universities generate more start-ups than others? Competitive paper presented at the 2001 *Research Policy* Technology Entrepreneurship conference, College Park, MD.

Di Gregorio, D. and Shane, S. 2001. Why do some universities generate more start-ups than others? Paper presented at the 2001 Academy of Management Meetings, Washington, DC.

Di Gregorio, D. and Shane, S. 2001. Why do some universities generate more start-ups than others? Competitive paper presented at the 2001 Global Entrepreneurship conference, Lyon, France.

Dwight Grant

Publications

Dwight Grant and Gautam Vora, "An Analytical Approximation of the Hull and White Model" *Journal of Derivatives* (Winter 2001), 54 - 60.

Mark Eaker and Dwight Grant, "The Wealth Effects of Portfolio Rebalancing in Emerging Equity Markets," *Journal of Multinational Financial Management*, 2002, Vol. 12 (1) pp. 79-88

John Finnerty and Dwight Grant, "Alternative Approaches To Testing Hedge Effectiveness Under SFAS 133", *Accounting Horizons* 16 (June 2002) 94 – 108.

Forthcoming

Dwight Grant and Gautam Vora, "The Hull and White Model of the Short Rate: An Alternative Analytical Representation" forthcoming *Journal of Financial Research*

Dwight Grant and Gautam Vora, "Analytical Implementation of the Ho and Lee Model of the Evolution of the Spot Interest Rate," forthcoming, *Global Finance Journal.*

Jana Hranaiova

Refereed Publications

"The Effect of Technology on International Competitiveness and Export Portfolio Diversification." (with R.Gouvea and S. Kassicieh) forthcoming in *Journal of Global Competitiveness*, 2002

"Scale, Productivity Growth and Risk Response under Uncertainty." forthcoming in the *Economia Agraria y Recursos Naturales,* 2002 (with Spiro Stefanou)

"Role of Delivery Options in Basis Convergence" *Journal of Futures Markets*, August 2002, Vol 22, No 8, pp 783-809 (with William G. Tomek)

"Mercosur & the FTAA: Portfolio Approach to Assessing Trade Options" forthcoming in the *Journal of Global Business* , 2002 (with Raul Gouvea)

"Brazil and the FTAA: Strategic Trade Options." *Multinational Business Review*, Vol.10, No 2, Fall 2002, p. 33-41 (with Raul Gouvea)

"Evaluation of Export Performance in Three Brazilian Economic Regions." in *The Journal of Current Research in Global Business*, Vol. 3, No. 4, Fall 2001 (with Raul Gouvea and Sul Kassicieh)

Publications

"Estimating the Value of Delivery Options in Futures Contracts." (2001), Chicago Board of Trade working paper #23A, presented at European FMA meetings in Paris, July 2001.

"Role of Delivery Options in Basis Convergence." (2001), Chicago Board of Trade working paper #23B.

Papers Under Revise And Resubmit In Refereed Journals

"Are Eco-variables Driving Tourist Demand?" revise and resubmit to the *Journal of Global Business* (with Raul de Gouvea)

Papers Submitted For Publication In Refereed Journals

"Estimating the Value of Delivery Options in Futures Contracts." Submitted to the *Journal of Financial and Quantitative Analysis*, 2002 (with R. Jarrow and W. Tomek)

"The Economics of Administering Import Quotas with Licenses-on-Demand", submitted to *Journal of International Economics*, August 2002 (with J. Falk and H. de Gorter)

Sul Kassicieh

Publications

Raul DeGouvea and Suleiman K. Kassicieh, "Resource-Based Innovation: The Case for the Amazon Region," *Engineering Management Journal*, Vol. 13, no. 1, pp. 28-32, 2001.

Raul De Gouvea; Jana Hranaiova and Suleiman K. Kassicieh, "Evaluation of Export Performance in Three Brazilian Economic Regions," *Journal of Current Research in Global Business*, Vol. 3 no. 4, pp. 17-25, 2001.

Suleiman K. Kassicieh, Steven T. Walsh, Alton D. Romig, John Cummings, Paul McWhorter and David Williams, "An Empirical Analysis of Differences between Sustaining and Disruptive Technology Innovations," in D. Kocaoglu and T. Anderson (eds.), *Technology Management in the Knowledge Era,* pp. 109-116, 2001.

Raul De Gouvea and Suleiman K. Kassicieh, "E-Learning in Latin America," *Journal of Institutional Research,* Vol. 10 no. 1, May 2001, pp. 1-15.

Raul De Gouvea, Jana Hranaiova, Suleiman K. Kassicieh, " Evaluation of Export Performance in Three Brazilian Economic Regions," *Journal of Current Research in Global Business*, Vol. 3 no.4, Fall 2001, pp. 17-25.

Raul De Gouvea and Suleiman K. Kassicieh, "Brazil.com," *Thunderbird International Business Review*, Vol. 44 no. 1, January-February 2002, pp. 105-117.

Suleiman K. Kassicieh, Steven T. Walsh, Bruce A. Kirchhoff and Paul McWhorter, "The Role of Small Firms in Technology Transfer," *Technovation*, forthcoming.

Gouvea, R., and Kassicieh, S. (2002), "Defense Conversion and Globalization," *Journal of International Business and Entrepreneurship.* (Forthcoming)

Gouvea, R., Kassicieh, S. (2002), "Latin America.Com," *Journal of Current Business Research.* (Forthcoming).

Gouvea, R., Hranaiova, J., and Kassicieh, S. (2002), "Effect of Technology on International Competitiveness and Export Portfolio Diversification," *Journal of Global Competitiveness*. (Forthcoming).

Journal Articles – Non refereed

Gouvea, R., Kassicieh, S., and Hranaiova, J. (2001). "Measuring Trade Exposure." *Estrategica*, vol. 1, No.2, p.8-18.

Proceedings - Refereed:

Raul De Gouvea and Suleiman K. Kassicieh, "E-learning in Latin America," *Proceedings of the American Society of Business and Behavioral Sciences*, February 2001, pp. 6-18.

Suleiman K. Kassicieh and Robert A. Haak, "Microsystems and Getting Equity Financing," *Commercialization of Microsystems Conference*, 2001, pp. XI1-XI21.

Raul De Gouvea, Jana Hranaiova and Suleiman K. Kassicieh, "Assessing Optimality of Export Portfolios of Five Brazilian Economic Regions, " *Proceedings of the American Society of Business and Behavioral Sciences*, February 2002, pp. 203-215.

Gautam Vora

Publications

"An Analytical Approximation of the Hull and White Model" (with Dwight Grant) *Journal of Derivatives* (Winter 2001), 54 - 60.

"The Hull and White Model of the Short Rate: An Alternative Analytical Representation" (with Dwight Grant), *Journal of Financial Research*, forthcoming.

"An Analytical Implementation of the Hull and White Model" (with Dwight Grant), *Journal of Derivatives*, forthcoming.

"Analytical Implementation of the Ho and Lee Model of the Spot Interest" (with Dwight Grant), *Global Finance Journal*, accepted.

Steven Walsh

Publications

Academic Journals

Linton, J., Walsh, S. and Morabito, J., (2001 forthcoming), "Analysis, Ranking, and Selection of R&D Projects in a Portfolio," accepted R&D Management (to be published).

Kassicieh, S. K., Kirchhoff, B. A., McWhorter, P. J. and Walsh, S. T., (2001 forthcoming), "The Role of Small Firms in the Transfer of Disruptive Technologies," Technovation, (to be published).

Elders, J., Speiring, V. and Walsh S., (2001), "Microsystems Technology (MST) and MEMS Applications: An Overview," MRS Bulletin, April 2001, Volume 26, Number 4, pp. 312 – 318.

Linton, J. and Walsh, S., (forthcoming), " The Measurement of Technology Competencies," Journal of High Technology Management Research (to be published).

Walsh, S., Linton, J. Boylan, R. and Sylla, C., (2001 forthcoming), " The Evolution of Technology Management Practice in Developing Economies: Lessons from Northern China," International Journal of Technology Management (to be published).

Walsh, S., (2001), "Portfolio Management for the Commercialization of Advanced Technologies," Engineering Management Journal, March 2001, Volume 13, Number 1, pp. 33-37.

McDermott, C., Kang, H. and Walsh S., (2001), "A Framework for Technology Management in the Service Sector," Journal of IEEE Transaction on Engineering Management, August 2001, Volume 48, Number 3, pp. 333 - 342.

Academic Journal Articles Invited

Linton, J. D., and Walsh, S., (2001), "Issues in R&D Management," Editor's Corner, Engineering Management Journal, March 2001, Volume 13, Number 1, p. 2.

Professional Journals

Walsh, S. and Elders, J., 2001, "Triple Helix concept accelerates commercialization," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, September 2001, Vol. 6., No. 9, pp. 8-9.

Walsh, S. and White C., 2001, "End-Users Role in Determining the Rate of Innovation Diffusion," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, August 2001, Vol. 6., No. 8, pp. 9-11.

Walsh, S. 2001, "Diffusion of Innovations," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, July 2001, Vol. 6. No. 7, pp. 9-12.

Walsh, S. and Kirchhoff, B., 2001, "Model Identifies Problems, Opportunities, and Issues for Commercializing Microsystems," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, June 2001, Vol. 6, No.6, pp. 6-9.

Walsh, S. and Linton, J., 2001, "Reasonable Boundaries help Produce a Credible Microsystems Roadmap," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, May 2001, Vol. 6, No.5, pp. 6-7.

Walsh, S. and Linton, J., 2001, "Microsystems Industry will benefit from the process of Technological Description," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, March 2001, Vol. 6, No.3, pp.5-6.

Walsh, S. and Linton, J., 2001, "Microsystems a Financial View," *Commercialization Corner* a column in Micromachine Devices –a Cahners Publication the Editors of R&D magazine, February 2001, Vol. 6, No. 2, pp. 5-6.

Walsh, S. and Linton, J., 2001, "Microsystems, MicroMachines, and Optical Networks: The Second Wave," Micromachine Devices –a Cahners Publication the Editors of R&D magazine, January, 2001. Vol. 6, No. 1, pp 4- 6.

Refereed Journal Articles Submitted

Walsh S. and De Gouvea, R., (2000), "Walnuts to Lugnuts," Revised and Resubmitting to the On-line MOT Case Journal.

Linton, J. D. and Walsh, S., (2001), "Empirical Evidence Of The Significance On The Innovation Process Of Technical And Organizational Characteristics on Method of Learning," submitted to R&D Management.

Walsh, S. and Kirchhoff, B., (2001), "Entrepreneurial Technology Transfer from Government Labs," submitted to Journal of Small Business Management.

Kassicieh, S., Walsh, S. Cummings, J., McWhorter, P., Romig, A. and Williams, D., (2001), "Commercialization of Disruptive Technologies: Moving Discontinuous Innovations into Products," Submitted to IEEE.

Cordero, R., Kirchhoff, B. and Walsh, S., (2001), " Disruptive Technologies, Combining and Integrating Manufacturing Innovations to Increase Performance," Submitted to IEEE.

Walsh, S. and Kirchhoff, B., (2001), "Differentiating market strategies for disruptive technologies," submitted to special issue in IEEE.

Refereed Conference Papers Published

Walsh, S. T. and Kirchoff, B. A., "Technology Transfer From Government Labs to Entrepreneurs," ICSB. Proceedings of the 46th Annual Conference, Teipei, Taiwan, June, 2001, (On CD under authors name.)

Cordero, R., Kirchhoff, B. and Walsh, S., (2001), "Combining and Integrating Manufacturing Innovations to Increase Performance," PICMET 2001, Volume 2, full paper presentations. (On CD under authors name)

Book Chapters

Walsh, S., and Kirchoff, B. (2002) "Entrepreneurs' opportunities in technology based Markets," in Technological Entrepreneurship, Phillip Phan (ed), part of Research in Entrepreneurship and Management, John Butler (series ed), IAP Press: New York, NY, in press

IV. Outside Professional Activities

Leslie Boni

Was invited participant, 5th Annual Brookings-Wharton Conference on the Future of Securities Markets, January 2002. "Wall Street's Credibility Problem: Misaligned Incentives and Dubious Fixes?" presented by co-author Kent Womack.

Invited participant, Federal Reserve Bank of Cleveland Conference on Declining Treasury Debt October 2001. "Supply Contraction and Trading Protocol: An Examination of Recent Changes in the U.S. Treasury Market" presented by co-author Chris Leach.

Presenter and Discussant, European Financial Management Association Conference, May 2001. (Presented "Depth Discovery in a Market with Expandable Limit Orders: An Investigation of the U.S. Treasury Market" Discussed " Asymmetric volume Return Relation and Concentrated Trading in the LIFFE Interest Rate Futures," by Tribhuvan Puri and Andy Kuan.

Raul de Gouvea

Established in 2001 Exchange Agreement between FAAP and Universite Paris-Dauphine IX
Established in 2001 Exchange Agreement between University of New Mexico and Universidade Estadual do Governo do Amazonas, Brazil.
Established in 2001 Exchange Agreement between University of New Mexico and Monterrey Tech. Mexico Summer 1999, 2000, 2002, Visiting professor FAAP, Sao Paulo, Brazil.

Dante Di Gregorio

Participant, 2002 Organization Science Winter Conference, Steamboat Springs, CO. Academy of Management, Business Policy and Strategy (BPS), International Business (IB), and Entrepreneurship Divisions.

Jana Hranaiova

Received Sandia Federal Lectureship for 2002-2005 and G.F. Warren Award for Outstanding Publication for "Delivery Options in Futures Contracts and Basis Behavior." April, 2002

Sul Kassicieh

Consultant to Sandia National Laboratories Microsystems Directorate and Business Development Group; Waste Management Education and Research Consortium, Public Service Company of New Mexico, 1994-present. Consultant to a large number of high-technology start-up firms. This work involved writing business plans, assessing the technology and assisting in getting angel or venture capital. Some of the companies involved are Management Sciences, Willow Systems, Khoral Research, Permafresh, Mesosystems, Applied Research Associates, Ardesta, and many other start-ups who are in the process of getting ready to announce their plans.
Consultant to a number of venture capital firms specializing in Microsystems
Core Team for Microsystems Cluster of the Next Generation Economy Initiative of NM.
Special Issues editor, *IEEE*
Member of the Institute of Management Science (TIMS), Operations Research Society of America (ORSA) and the Decision Sciences Institute (DSI), the American Production and Inventory Control Society (APICS), the Association of Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE).
Consultant to:
Sandia Microsystems Directorate 1998-present.
Sandia VP for Science & Technology, 1998-present.
Sandia VP for Manufacturing Systems, 2000-present.
Avalon Investments, Ardesta and MEMS Tech Venture capital Funds, 2000-present
Board member of the NM Entrepreneurs Association
Member of Albuquerque Angel Network
Board member of MaNCEF, Micro and Nano-technology Commercialization Educational Foundation

John Schatzberg

On Search Committee for Director of UNM Taos – Spring 2002

Gautam Vora

Passed CFA Level II Exam, 2001

Steve Walsh

UNM Radio "Economic Development and the Role of the MOT Department at UNM's Anderson School of Management".
January 7, 2001, KOB Radio, High Tech New Mexico, "The Future Economy of New Mexico
SWRI 2000, 2001
Executive Board Member of the Microsystem Cluster of the Next generation Economic Initiative (2000, 2001)

Invited Presentations
Walsh, S. (2001), Global Semiconductor Symposium, "Microsystems and the Triple Helix," Albany, NY, September 2001.

Walsh, S. (2001), SEMI West Co-Chair for MEMS Workshop, "Commercialization of Microsystems," Semicon West, July 2001, San Francisco, Calif.

Walsh, S. (2001), SEMI Europa Co-Chair for Microsystems Workshop, "International Symposium for Microsystems," Semicon Europa, April 2001, Munich, Germany.

CONFERENCES Invited Plenary

Walsh, S. (2001),	Canadian National MEMS Workshop, "Microsystems, Industrial and Academic Partnerships," August 2001, Ottawa, Canada
Walsh, S. (2001)	Dynamic Silicon – (Gilder) "The Promise of Microsystems" San Francisco Calif.
Walsh, S. (2001)	Technology Information, Forecasting, Assessment Council (TIFAC) "Technology Commercialization in India" The State of India's Technology Transfer Organization Delhi, India
Walsh, S. (2001)	India's National Physical Laboratory NPL "The Process of Technology Transfer" Delhi, India
Walsh, S. (2001)	Sky –Web "E-commerce and Commercialization bottlenecks and Promise" Delhi, India
Walsh, S. (2001)	Indian Institute of Management – Ahemdabad, India The highest ranked business school in all of Asia

2001

- **Chair** "The International Commercialization of Microsystems Conference" Oxford, England 2001
- **Session Chair,** "Social and Technological Issues in Entrepreneurship", Babson, 2001, Jonkoping, Sweden

- **Steering Committee,** South West Region of Innovation, 2001
- **Reviewer** for Journal of High Technology Management, 2001
- **Program Chair** IEEE Engineering Management Society Conference, IMEC- an international Academic conference, Albany October 2001
- **Chair,** MEMS Commercialization Workshop, SEMI, Munich, 2001
- **Chair,** MEMS Commercialization Workshop, SEMI West, San Francisco Calif 2001
- **Chair,** MEMS Commercialization Workshop, SEMI South West, Austin, Texas 2001
- **Panel Chair,** "Technology Transfer", PICMET 2001, Portland, Oregon
- **Chair,** Manufacturing Challenges in a Disruptive technology, SEMI West July, 2001
- **Reviewer** for the 2001 TVC Technological Symposiums
- **Co-Editor** for Special Issue in IEEE Transaction on Engineering Management, 2001
- **Co-Editor** for 2 Special Issues in EMJ on High Tech Research Organizations, 2001
- **Reviewer** for the Academy of Management Conference, 2001
- **Reviewer** Picmet, Portland Oregon 2001
- **President** Micro and Nano Systems Technology Commercialization Education Foundation
- **Special Issue Co -Editor** EMJ, "High Technology Research and Development"
- **Special Issue Co -Editor** IEEE Transaction on Engineering Management, "Disruptive Technology and Discontinuous Innovation"
- **Special Issue Co -Editor** Technological Forecasting and Social Change, " Road mapping Disruptive technologies and Evolutionary technologies etc."
- **Associate Editor** SPIE Journal of Microlithography, Microfabrication, and Microsystems for Microsystems Commercialization
- **Program Committee** Portland International Conference of Management of Engineering and Technology (PICMET), Portland, Oregon
- **Next Generation Economy** Board of the Electronics Cluster
- **Next Generation Economy** working board for the Microsystems Initiative
- **Board Member** Engineering Foundation

V. **Outside Sponsored Research**

Leslie Boni

Research-Related Activities:
Invited participant, 5th Annual Brookings-Wharton Conference on the Future of Securities Markets, January 2002. "Wall Street's Credibility Problem: Misaligned Incentives and Dubious Fixes?" presented by co-author Kent Womack.

Invited participant, Federal Reserve Bank of Cleveland Conference on Declining Treasury Debt, October 2001. "Supply Contraction and Trading Protocol: An Examination of Recent Changes in the U.S. Treasury Market" presented by co-author Chris Leach.

Presenter and Discussant, European Financial Management Association Conference, May 2001. (Presented "Depth Discovery in a Market with Expandable Limit Orders: An Investigation of the U.S. Treasury Market." Discussed "Asymmetric Volume-Return Relation and Concentrated Trading in the LIFFE Interest Rate Futures," by Tribhuvan Puri and Andy Kuan.)

Sul Kassicieh

"Small High-Tech Business Assistance: Technology Assessments and Business Planning," grant awarded from Sandia National Laboratories for $125,000, 2001.

Steve Walsh

I have been Principal Investigator (PI) or Co-Principal Investigator (Co-PI) on many grant and grant applications. I present only those that I have assisted or am leading at University of New Mexico. I am currently assisting in developing the MOT program through grants at Sandia National Laboratory, NSF, STC, PNM and through the FIT mentorship program.

Walsh, S. (PI), White, C., 2001-2002, $35,000
Sandia University Grant
The Award is for $35,000 and permits the recipient to conduct research and the recipient's university to fund students, fellow professors on any number of research or pedagogy issues. Awards are made after evaluating each applicant's past research record, their current research activities, and consulting both the academic researchers and professionals. This competition is not only for management researchers but also to the university academic researchers as a whole.

Walsh, S. (PI) and Kassicieh, S. (Co-PI), 2001, $10,000
MANCEF
Student support of COMS 2001 Conference of Which I chaired

Walsh, S. (PI) and Kassicieh, S. (Co-PI), 2001- 1 Student
MBA and PhD Program Grant for Management of Technology with Sandia National Labs.
This inaugurates our induction as the first Management School with a student in Sandia's MESA Institute. This program fully pays a student a professional salary at Sandia National Laboratory.

Walsh, S. (Co-PI) and Kassicieh, S. (PI), 2001, $42,000 plus 9/5/2001
Sandia and New Mexico Small Business Initiative.
This is a continuation of the grant we received in the summer. I will have four clinical projects this summer.

Walsh, S. (Co-PI) and Kassicieh, S. (PI), 2001, $42,500 7/5/2001
Sandia and New Mexico Small Business Initiative.
I have been directly responsible for three projects for Zuni, Management Science and Triona. The three projects are the following – for technological assessment, implementation, and elements of a business plan. The award is initially for over $40,000 and is continuing. The companies in the four corners region are requesting further funding for students in MGT 514.
A feasibility plan for a Microsystems packaging facility in the four corners regions is being investigated under this initiative. This provided an opportunity for students to present a status update to Senator Bingaman. A final reports have been generated as a deliverable for this contract, which will enable and aid the decision making process for financing a Microsystems packaging facility in the local four corners region.

Walsh, S. (PI) and White, C. (Co-PI), 2001, $12,000
Coventor, Cost modeling for Microsystem Manufacturing.
The award is for $12,000 and permits the recipient to perform research and the recipient's university to fund students. This is the first installment of a three part grant. The cost of the entire microsystem manufacturing will be modeled under this contract, identifying cost limiting steps, and will provide the

corporation with a guideline to base their future decisions on investments and expenses. Coventor is one of the leading international companies in the area of MEMS (Micro Electro Mechanical Systems) design, and are developing and expanding their skill base to other MEMS applications rapidly. A cost model at this stage assists them tremendously to make astute decisions. The university benefits by developing cost models that will be actively used in a leading edge international market place.

Walsh, S. (PI) and Kassicieh, S. (Co-PI), 2001, $12,000
Grant from New Mexico MEP for the development of a business plan for Real Time Sites
The award is for $12,000 and permits the recipient to conduct research and the recipient's university to fund students. Developing business plans assists development of the local community. Both the Department and the University benefit from this project as students are involved in the business plan effort, are making contacts and gain invaluable experience of working with local corporations.

Walsh, S. (PI) 2001, $8,000
Axsun. A LIGA based foundry
The award is for $8,000 and allows students to develop models of commercialization, market studies for industries without infrastructure and unknown markets. This effort developed and diversified student's skill in different technologies.

Walsh, S. (PI) and White, C. (Co-PI), 2000-2001, $35,000
Follow on to a Sandia University Research Program SURP grant (1999-2000)- MESA Research Grant. The Award is for $35,000 and permits the recipient to conduct research and the recipient's university to fund students, fellow professors on any number of research or pedagogy issues. Awards are made after evaluating each applicant's past research record, their current research activities, and consulting both the academic researchers and professionals. This competition is not only for management researchers but also to the university academic researchers as a whole.

DEPARTMENT OF MARKETING, INFORMATION, AND DECISION SCIENCES

Chair:	George C. Hozier, Jr.	Professor	
Full-time Faculty:	Gerald Albaum	Visiting Scholar	
	Kenneth Baker	Associate Professor	Associate Dean
	Ranjit Bose	Associate Professor	
	William Bullers	Professor	
	Stephen Burd	Associate Professor	
	Nick Flor	Assistant Professor	
	Richard Reid	Professor	
	Catherine Roster	Assistant Professor	
	Laurie Schatzberg	Associate Professor	
	Avraham Shama	Professor	
	Mary Margaret Weber	Assistant Professor	
	Steven Yourstone	Associate Professor	
Part-time Faculty:	John Benevidez	David Harris	
	Kevin Chadwell	Bill Kime	
	Bill Epler	Stacy Sacco	
	Chris Fogel	Alex Seazzu	

I. Significant Developments

- Graduate enrollments in the MBA graduate marketing concentration doubled during the 2001-2002 academic year with another doubling expected for 2002-2003.

- High demand limited enrollment into the BBA marketing concentration undergraduates with a 3.000 gpa or higher.

II. Significant Plans and Recommendations for the Near Future

- Initiate planning and development process for a M.S. Degree in Information Systems.
- Initiate search process for an Assistant Professor of marketing.
- Initiated search process for a full-time marketing Lecturer.
- Initiate search process for a full-time operations management lecturer.

III. Appointments to Faculty/Staff

Catherine Roster, Ph.D., University of Missouri, appointed to the marketing faculty as an Assistant Professor.

Nick Flor, Ph.D., University of California, San Diego, appointed to the information systems faculty as an Assistant Professor.

David Harris, Ph.D., University of Lancaster, appointed to the information systems faculty as a Lecturer.

IV. Publications of the Division

Albaum, Gerald

Books

International Marketing and Export Management. Pearson Education (UK), 4th Edition (with J. Strandskov and E. Duerr), 2002.

Fundamentals of Marketing Research, under contract to Authors' Academic Press, expected completion Spring 2002 with publication in 2003 (with S. Smith).

Refereed Journal Publications

"How Positive and Negative Frames Influence the Decisions of Persons in Different Cultures," *Asia Pacific Journal of Marketing and Logistics*, Vol. 13, No. 2, 2001 (with I. Levin, G. Gaeth, F. Evangelista, and I. Schreiber).

"Adaptation of International Marketing Strategy Components, Competitive Advantage and Firm Performance," *Journal of International Marketing*, Vol. 9, No. 4, 2001 (with D. Tse).

Refereed Conference Proceedings

"The Educator and Internationalization," *Proceedings*, Annual Conference of the Marketing Educators' Association, April 2001.

"Cross-Cultural Investigation of Central Tendency Errors in the use of Semantic Differential Scales," Cross-Cultural Research Conference, December, 2001 (with J. Yu and M. Swenson).

Refereed Papers Presented At A Conference Not in Proceedings

"Transference of Marketing Activities and Strategies to Foreign Markets, Annual Meeting of the Academy of International Business," Sydney, Australia, November, 2001 (with D. Tse, G. Hozier, and K. Baker).

Papers Accepted for Publication

"Cross-Cultural Consumer and Business Studies: Introduction to a Special Issue," *Journal of Business Research*, in press (with S. Smith).

"Sovereignty Change Influences on Consumer Ethnocentrism and Product Preferences: Hong Kong Revisited One Year Later," *Journal of Business Research*, in press (with J. Yu).

"Strategic Type of Firm and Foreign Market Performance," *International Marketing Review*, in press, 2002 (with F. Evangelista and A. Shoham).

"The Smoking Behavior and Consumption Values of Teenagers: Implications for Public Policy and Other Intervention," *Journal of Consumer Affairs*, in press, 2002 (with R. Rogers, G. Hozier, and K. Baker).

Papers submitted for publication:

"Management Style Decisions: A Cross-Cultural Comparison Between Australian and PRC Managers," submitted to *Management International Review* (with P. Poon and F. Evangelista).

"Survey Response Behaviour: A Two-Pronged Approach," submitted to *European Journal of Marketing* (with P. Poon and F. Evangelista).

"Developing A Measure of Trust in Sales Relationships: A Direct Selling Application," being revised for resubmission.

Work in Progress:

"Alternative Data Collection Methods for Surveys: Does An Electronic Method Make A Difference?" (with R. Rogers, G. Hozier, and K. Baker).

Two-Stage vs. One-Stage Semantic Differential Scales," (with J. Yu, M. Swenson and C. Roster).

"A Comparison of Management Styles Among Pacific Rim Nations" (with J. Herche, F. Evangelista, P. Poon, and B. Murphy).

Other Activities

Guest Editor, *Journal of Business Research*, Special Issue on Cross-Cultural Consumer and Business Studies, in press, 2002.

Program Chair for 2001 Shanghai International Academic Conference, "Developing Marketing Channels in the 21st Century," Shanghai, PRC, December 1-2, 2001.

Session Chair, Marketing Educators Association annual meeting, Waikaloa, Hawaii, April, 2001.

Session Chair, Academy of International Business annual meeting, Sydney, Australia, November, 2001.

External Academic Advisor, Department of Business Studies, Hong Kong Polytechnic University, Hong Kong.

External Academic Examiner, Department of Marketing, City University of Hong Kong, Hong Kong.

Baker, Kenneth G.

Associate Dean, reported under ASM Dean's Office.

Bose, Ranjit

Refereed Journal Publications

"Knowledge Management Capabilities and Infrastructure for E-Commerce," *Journal of Computer Information Systems*, (forthcoming in 2002).

"Customer Relationship Management: Key Components for IT Success," *Industrial Management & Data Systems*, Vol. 102, No. 2, 2002, 89-97.

"An E-DSS for Strategic Planning of E-Commerce Website Development," *International Journal of the Computer, the Internet and Management (IJCIM)*, Vol. 9, No. 3, 2001, 1-20.

Publication Work In Progress

"Knowledge Management Capabilities and Infrastructure for the Healthcare Industry," Working Paper, Anderson Schools of Management, University of New Mexico. Target journal for submission: *Expert Systems with Applications – An International Journal.*

"Knowledge Management: Web-Based Strategy and Tool Development," (with V. Sugumaran), Working Paper, Anderson Schools of Management, University of New Mexico. Target journal for submission: *Journal of Knowledge Management.*

"An Agent-Based Knowledge Management Framework for E-Commerce Environment," (with V. Sugumaran), Working Paper, Anderson Schools of Management, University of New Mexico. Target journal for submission: *Information Technology & Management.*

"Expert Systems in Law: Practice and Future Directions," (with J. Porter), Working paper, Anderson Schools of Management, University of New Mexico. Target journal for submission: *International Journal of Law and Information Technology or Artificial Intelligence and Law.*

Conference Presentations

"Decision Support for Planning E-Commerce Website Development," 2001 Annual Meeting of the Decision Sciences Institute, November 17-20, San Francisco, California.

"A Web-Based Approach to Knowledge Management," 2001 INFORMS International Conference, June 17-20, Maui, Hawaii.

Bullers, William I, Jr.

"Inside-Out Data Modeling: Prototyping and Reverse Engineering in the Zachman Architecture," *Proceedings of the 2001 Annual Meeting of the Western Decision Sciences Institute*, Vancouver, BC, Apr. 3-6, 2001, pp. 602-604

"Information Systems Architecture Support for Data Modeling," CaiSE '01 Conference on Advanced Information Systems Engineering, Interlaken, Switzerland, June 4-8, 2001

Burd, Stephen D.

Satzinger, John W., Jackson, Robert, and Stephen D. Burd, *Systems Analysis and Design in a Changing World*, second edition, Course Technology, scheduled for publication April, 2002.

Burd, Stephen D., *Systems Architecture: Hardware and Software in Business Information Systems*, third edition, Course Technology, 2001.

Americas Conference on Information Systems Track Chair

Hozier, George C.

"Smoking Behavior, Information Sources and Consumption Values of Teenagers: Implications for Public Policy and Other Intervention Failure," *Journal of Consumer Affairs*, forthcoming Summer 2002, with G. Albaum, K. Baker, and R. Rogers.

Reid, Richard A.

Journal Publications

"Applying the TOC Thinking Process in Manufacturing: A Case Study" (with J.M. Scoggin and R.J. Segelhorst), *International Journal of Production Research*, forthcoming.

"Co-Existence of Paradigms as a Manufacturing Management Strategy," (with E.L. Koljonen), *Journal of Materials Processing Technology*, forthcoming.

"A Conceptual Framework for Practicing Operations Management," *44th Annual Mountain Plains Management Conference Proceedings*, Durango, CO, October, 2002.

"Applying an Integrated Operations Performance Metric: The Q-P Ratio," *Quality Progress*, September, 2002.

"Applying the TOC Thinking Process: A Case Study" with J.M. Scoggin and R.J. Segelhorst), *APICS 2002 SIGTechnical Conference Proceedings*, April, 2002, pp. 74-82.

"Applying Deming's Process Improvement Techniques to Banking," (with C.A. Cherrstrom), *Journal of Organizational Excellence*, Vol. 21, No.1 (Winter, 2001), pp. 41-56.

"Structuring the Continuous Improvement Strategy: An Application in the Service Sector," (with C.A. Cherrstrom), *Proceedings of the 32nd National Conference of the Decision Sciences Institute*, San Francisco, CA, November, 2001, pp. 174-76.

"Quality-Productivity Ratio: A Comprehensive Operations Management Performance Metric", *2001 APICS International Conference and Exhibit Proceedings*, Session D-02 on CD-ROM, pp.1-9, San Antonio, TX. October, 2001.

"A Structured Approach to Industrial Emission Reduction: The Case of a Gypsum Wallboard Production Plant", (with E. L. Koljonen and J. B. Buell), in Greener Manufacturing and Operations: From Design to Delivery and Back, J. Sarkis (editor), London, Greenleaf Publishing, 2001, pp. 314-330.

"Applying the 5-Step Focusing Process to Manage Supplier-Buyer Relationships", (with E. L. Koljonen), *2001 APICS Constraints Management Technical Conference and Exhibit Proceedings*, San Antonio, TX. March, 2001, pp. 52-56.

Paper Presentations

"A Conceptual Framework for Practicing Operations Management", 44th Annual Mountain Plains Management Conference, Durango, CO. October, 2002.

"Applying the TOC Thinking Process: A Case Study" (with J. M. Scoggin and R. J. Segelhorst), APICS 2002 SIG Technical Conference, St Louis, MO. April, 2002.

"Structuring the Continuous Improvement Strategy: An Application in the Service Sector", (with C. A. Cherrstrom), 32nd National DSI Conference, San Francisco, CA. November, 2001.

"Quality-Productivity Ratio: A Comprehensive Operations Management Performance Metric", APICS International Conference, Session D-02, San Antonio, TX, October, 2001.

"Applying the 5-Step Focusing Process to Manage Supplier-Buyer Relationships", (with E. L. Koljonen), APICS Constraints Management Technical Conference, San Antonio, TX, March, 2001.

Schatzberg, Laurie

Managing Editor, *The Data Base for Advances in Information Systems*, 5 issues.

Member of the IT Committee of the Juvenile Diabetes Research Foundation, International

Schultz, Carl R.

"E-Coms and Their Marketing Strategies," *Business Horizons*, 44 (5), September-October 2001, 14-20.

"Dot.com Coma," *Journal of Systems and Software*, 56 (2001), 101-104.

"Private Sector Management: The Case of Russia," *Journal of Small Business Management*, 39 (2), April 2001, 183-192.

Weber, Mary Margaret

Weber, Mary Margaret, "Measuring Supply Chain Agility in the Virtual Organization." *International Journal of Physical Distribution and Logistics Management* (forthcoming).

Weber, Mary Margaret and Prasad Kantamneni, "Factors Underlying Use of Point-of-Sale and Electronic Data Interchange in Retailing Logistics." *Supply Chain Management: An International Journal* (forthcoming).

Kirk, Delaney J. and Mary Margaret Weber, "Managing Human Resources at Midwest International Tileworks." *Journal of Applied Case Research,* Vol. 3, No. 1, Fall 2001, p. 1-6.

Weber Mary Margaret, "Measuring the Need for Virtual Logistics Organizations." to be presented at Decision Sciences Annual Conference, November 2002.

Weber, Mary Margaret, "Case Management in the Classroom." Presentation at *Southwest Case Research Association Conference,* February, 2001.

Yourstone, Steven A.

"Managing System Errors and Failures in Health Care Organizations", S. Yourstone and H. Smith. *Health Care Management Review*. Aspen Publishers. Volume 27, Number 1, Winter 2002, pp. 50-61

"Learning Curves in Healthcare-Lessons from Cardiology," With D. Waldman. Production and Operations Management Society, Annual Meeting, Orlando, Florida, March 30th through April 3rd 2001

SCHOOL OF PUBLIC ADMINISTRATION

Full-time Faculty
Santa Falcone
Karen King
Bruce Perlman
Zane Reeves
Mario Rivera
Roli Varma

I. Significant Developments

School of Public Administration became part of the Anderson Schools of Management with Howard Smith as the Dean. Ken Baker, Associate Dean of ASM, was appointed Director of SPA. Administrative offices were moved to the West wing of The Robert O. Anderson Schools of Management building.

II. Significant Plans and Recommendations for the Near Future

Initiating a fixed class schedule for students Fall Semester 2003
Starting a comprehensive recruiting program Spring Semester 2003.
Creating a "3/2" program.
Streamlining admissions process through integration with ASM admissions.
Focusing on supporting concentrations to meet market and student demands.

III. Appointments, Promotions, Seperations

Ken Baker, Associate Dean of ASM was appointed Director of SPA

Zane Reeves went on LWOP
Roli Varma tenured and promoted to rank of Associate Professor
Kaye Summerhays was assigned as administrative assistant

IV. Intellectual Contributions

Santa Falcone

Publications

Falcone, S. (2001) "Universities and R&D funding programs: Is good science enough?" *International Journal of Public Administration* 24:6 549-564.

Falcone, S. and D. Bjornstadt (2002) "Case Studies in measuring the total impact of R&D at Sandia National Laboratories" submitted for publication.

Falcone, S. and D. Bjornstadt (2002) "Leveraging defense research: societal impact of the transfer of thermal spray technology" submitted for publication.

Falcone, S. and D. Bjornstadt (2002) "Leveraging defense research: societal impact of the transfer of polycrystalline diamond drill bit research" submitted for publication.

Falcone, S. (2002) "Modeling Differences: the application of the Logic Model to public policy analysis". " submitted for publication.

Falcone, S. (2002) "Religious Affiliation and Voter Behavior" work-in-progress.

Falcone, S. (2001) "Quantifying Nuclear Waste Volume and Toxicity" work-in-progress.

Karen King

Publications

Refereed Articles in Journal

Karen King (with Denise Wilcox), "Employee-Proposed Discipline: Is It Working?", Public Personnel Management, 2002.
(*Journal of the International Personnel Management Association)*

Karen King, "The Art of Impression Management: Self-Presentation in Local-Level Campaign Literature", Social Sciences Journal, Vol.39, No.1, 2002.
(*Official Journal of the Western Social Science Association*)

Karen King, "Resident Support for Local Growth Management Strategies in Albuquerque, New Mexico", Public Works Management & Policy, Vol.6, No.2, 2001 (invited)
(*Journal of The American Public Works Association)*

Non-Refereed Articles

Karen King, "Anxiety Runs High on Nonprofit Boards", PA TIMES, February, 2002

Bruce Perlman

Journal and Other Publications

"Engineering Practice and Ethics: Rules and Paradigm Cases", *Technology and Society,* Forthcoming, Spring, 2002 (with R. Varma).

"What's Wrong and What Should be Done: Comments on the Case Study, Who's on First:" *Public Performance and Management Review,* Vol. 25, No. 1, September, 2001.

"Bridging the Cultural Chasm: Improving Collaboration and Cooperation between the Computer and Social Sciences", *Proceedings of the International Symposium on Technology and Society* July 2001, (with R. Varma).

"Teaching Engineering Ethics", *Proceedings of the American Society of Engineering Education,* June 2001 (with R. Varma).

"*Un Nuevo Modelo para la Formulación de Estrategias en la Planificación*", *La Revista del Instituto de Administración Pública de Guanajuato,* forthcoming, (with M. Rivera).

Technical Reports

Brief Comparison: Functions of Elected At Large County Officials and Appointed County Administration, Urban County Charter Commission, County of Bernalillo, April-May, 2001.

Audit Response for NMDOL United States Department of Labor, Office of Inspector General, New Mexico Department of Labor, July-Aug, 2001.

Mario Rivera

Publications

Forthcoming: with co-author Everett M. Rogers, "Network Management of Public Sector Innovation: An Evaluative study of Computer-based Training and Education Programs in New Mexico," Pricewaterhouse Coopers Endowment for the Business of Government.

With co-author Robert A. Casias, "Resource Constraints in Information Systems Development," *International Journal of Public Administration* 24 (6), 2001.

Roli Varma

Publications

Journal Articles/Book Chapters

Roli Varma (2003). "E. F. Schumacher: Changing the Paradigm of Bigger Is Better" Bulletin of Science, Technology & Society, forthcoming.
(The official journal of the National Association for Science, Technology, and Society)

Roli Varma (2003). "Success and Failure of R&D Management: Lessons from the United States" in B. S. Pattnaik (ed.) Industrial R&D in India. New Delhi: Allied Publication. Forthcoming.

Roli Varma (2002). "High-Tech Coolies: Asian Immigrants in US Science and Engineering Workforce" Science as Culture, 11(3), 337—361.

Roli Varma (2002). "Women in Information Technology: A Case Study of Undergraduate Students in a Minority-Serving Institution" Bulletin of Science, Technology & Society, 22(4), 274—282.
(The official journal of the National Association for Science, Technology, and Society)

Bruce Perlman and Roli Varma (2002). "Understanding and Improving Engineering Practice" IEEE Technology and Society, 21(1), 40—47.
(A publication of the IEEE Society on Social Implications of Technology)

Roli Varma (2002). "Technological Fix: Sex Determination in India" Bulletin of Science, Technology & Society, 22(1), 21—30.
(The official journal of the National Association for Science, Technology, and Society)

Roli Varma (2002). "Are We Eating Our Seed Corn?: Basic Research in the U.S. Corporate Sector" Prometheus, 20(1), 1—14.

Roli Varma (2001). "People's Science Movements and Science Wars?" Economic and Political Weekly, 36(52), 4796—4802.

Roli Varma (2001). "Permanent Tenure and Academic Freedom in Engineering" Bulletin of Science, Technology & Society, 21(3), 193—201.
(The official journal of the National Association for Science, Technology, and Society)

Articles in Archival Proceedings

Roli Varma (2002). "Undergraduate Minorities in IT-Related Fields: Findings from a Case Study in a Minority-Serving Institution" American Society for Engineering Education Annual Conference & Exposition. <<http://www.asee.org/conferences>>

Roli Varma (2001). "Asians in the U.S. Public Service: Diversity, Achievements, and Glass Ceiling" United Nations Expert Group Meeting on Managing Diversity in the Civil Service, Division for Public Economics and Public Administration. <<http://unpan1.un.org/intradoc/groups/public/documents/un/unpan000869.pdf.>>

Bruce Perlman and Roli Varma (2001). "Bridging the Cultural Chasm: Improving Collaboration and Cooperation between the Computer and Social Sciences" International Symposium on Technology and Society, Institute of Electrical and Electronics Engineers, IEEE Catalog No. PR01209, 19—27.

Roli Varma (2001). "Barriers to Overcome: Women in Information Technology" American Society for Engineering Education Annual Conference & Exposition. <<http://www.asee.org/conferences>>

Bruce Perlman and Roli Varma (2001). "Teaching Engineering Ethics" American Society for Engineering Education Annual Conference & Exposition. <<http://www.asee.org/conferences>>

Others

Roli Varma (2002). "Preliminary Findings: Why So Few Women in Information Technology?" National Science Foundation's ITWF/ITR Research, Workshop Proceedings, University of Maryland at College Park.

Roli Varma (2001). "Why So Few Women in Information Technology?: A Comparative Study" National Science Foundation's IT Work Force Research, Workshop Proceedings, University of Colorado at Boulder.

V. Outside Professional Activities

Karen King

Conference Presentations

Invited

Karen King, "Employment Applications and Federal Laws: Do Employers Comply with EEOC Regulations?"; Western Social Sciences Association; Albuquerque, NM; April 2002

Refereed

Karen King (with Denise Wilcox), "Employee-Proposed Discipline: How Well is it Working?" Western Social Science Association; Albuquerque, NM; April, 2002

Karen King, "Providing a Voice: Can Neighborhood Associations Hold Their Own in Land Use Decisions?"; Urban Affairs Association Conference; Boston, MA; March, 2002

Karen King, "The Impact of Information Technology on Public Service Workforce Management"; HRM Global Management Conference; Barcelona, Spain; June, 2001

Karen King (with Mario Rivera), "Assessing the Impact of Microfinance Program Implementation"; American Society for Public Administration; Newark, NJ; March, 2001

VI. Workshops

"Learning to Work Together", Big Brother/Big Sisters Region X Conference, October 17, 2001; Santa Fe, NM

"Teambuilding and Brainstorming", ACCESS (Albuquerque Continuum of Care and Enhanced Supportive Services) Retreat, September 18, 2001; Albuquerque, NM

Bruce Perlman

Urban County Charter Commission, County of Bernalillo, Consultant for Functional Comparison of Elected and Appointed Officials, April-May, 2001.

New Mexico Department of Labor, Consultant for Preparation of Audit Response to United States Department of Labor, Office of Inspector General, July-Aug, 2001.

Chair, Mayor's Transition Team for the Albuquerque Police Department, Novemeber to December 2001.

Member, Executive Board, Chávez for Mayor Campaign, March 2001 to November 2001

Mario Rivera

Educational Consultant, the New Mexico Retail Association, Retail Opportunities for Young Adults Program: Employability assessment and training for at-risk youth ages 14-21; project design and management and grants research and writing for programs under the Workforce Investment Act and Individuals with Disabilities Education Act (since August 2001);

Analyst, New Mexico Family Preservation/Family Support Demonstration Project, under contract with the Children, Youth and Families Department (CYFD), conducting statistical analysis of middle-school substance abuse surveys and of community leadership project data (2001);

Analyst-Trainer, CAREER Works Program, Continuing Education, University of New Mexico (Bernalillo County Welfare-to-Work program, Human Services Department and CYFD)—program evaluation, curricular design, training; and grant research and writing (spring 2002);

Business Trainer and Consultant, Women's Economic Self-Sufficiency Team: Technical assistance and training under City contracts: loan packaging, business plan and grants writing, economic and market research, and community and media relations (July 1999-July 2001);

Appointee, (2002-2005) Committee on Peer Review and Accreditation, and (since 1997) member, and grant developer and reviewer, Steering Committee of the Inter-American Network for Public Administration Education, National Association of Schools of Public Affairs and Administration

Roli Varma

Invited participant, *Workshop on Beyond the Two Cultures: Science and Technology Studies and the Liberal Arts*, organized by the Society for Social Studies of Science and the National Science Foundation, held at Harvard University in Boston, November 4, 2001.

Invited participant, United Nations Expert Group Meeting on Managing Diversity in the Civil Service, United Nations Headquarters, New York, May 3-4, 2001.

Conference / Workshop Presentations

Roli Varma (2002, December 18-20). "Indian IT Professionals in Overseas Technopolies" XXVIII All India Sociological Conference, Kanpur, India.

Roli Varma (2002, November 7-9). "Countering the Model Minority Identity: Asian Immigrants in Science and Engineering in the United States" Annual Meeting of Society for Social Studies of Science (4S), Milwaukee, Wisconsin.

Roli Varma (2002, November 7-9). "Ethnicity and Gender in Information Technology" Annual Meeting of Society for Social Studies of Science (4S), Milwaukee, Wisconsin.

Roli Varma (2002, October 20-21). "Preliminary Findings: Why So Few Women in Information Technology?" Information Technology Work Force Workshop (ITWF/ITR), College Park, Maryland. *Invited by Dr. Caroline Wardle, National Science Foundation.*

Findings from a Case Study in a Minority-Serving Institution" Annual Conference of American Society for Engineering Education (ASEE), Montreal, Canada.

Roli Varma (2002, May 10-12). "Asians Immigrants and Silicon Ceiling" An International Conference on Asian Diaspora, San Francisco. *Invited by Professor L. Ling-chi Wang, University of California at Berkeley.*

Roli Varma (2002, June 24-27). "Undergraduate Minorities in IT-Related Fields: Preliminary

Roli Varma (2002, April 10-13). "Asian Americans in the U.S. Labor Force: Success and Discrimination" Annual Meeting of Western Social Science Association (WSSA), Albuquerque, New Mexico.

Roli Varma (2002, March 23-26). "Recommendations for Minority Recruitment in Information Technology" Annual Meeting of American Society for Public Administration (ASPA), Phoenix, Arizona.

Roli Varma (2001, November 1-4). "Under-Represented Women and Minorities in Information Technology" Annual Meeting of Society for Social Studies of Science (4S), Cambridge, Massachusetts.

Roli Varma (2001, November 1-4). "Indian Scientific Community in the United States" Annual Meeting of Society for Social Studies of Science (4S), Cambridge, Massachusetts.

Roli Varma (2001, October14-16). "Why So Few Women in Information Technology?: A Comparative Study" Information Technology Work Force Research Conference, Boulder, Colorado. *Invited by Dr. Caroline Wardle, National Science Foundation.*

Bruce Perlman and Roli Varma (2001, July 6-7). "Bridging the Cultural Chasm: Improving Collaboration and Cooperation between the Computer and Social Sciences" International Symposium on Technology and Society (ISTAS), Institute of Electrical and Electronics Engineers (IEEE), Stamford, Connecticut.

Roli Varma (2001, June 24-27). "Barriers to Overcome: Women in Information Technology" Annual Conference of American Society for Engineering Education (ASEE), Albuquerque, New Mexico.

Bruce Perlman and Roli Varma (2001, June 24-27). "Teaching Engineering Ethics" Annual Conference of American Society for Engineering Education (ASEE), Albuquerque, New Mexico.

Roli Varma (2001, May 3-4). "Asians in the U.S. Public Service: Diversity, Achievements, and Glass Ceiling" United Nations Expert Group Meeting on Managing Diversity in the Civil Service, United Nations Headquarters, New York. *Invited by Ms. Yolande Jemai, United Nations.*

Roli Varma (2001, March 10-13). "New Immigrants in Academic Institutions" Annual Meeting of American Society for Public Administration (ASPA), Newark, New Jersey.

Panel reviewer for proposals submitted to the Information Technology Workforce Program in the 2001 cycle, *National Science Foundation*, 2002.

Reviewer:

IEEE Technology and Society, 2002.
Bulletin of Science, Technology & Society, 2002.
Journal of Women and Minorities in Science and Engineering, 2001.
Science, Technology, & Human Values, 2000.
National Science Foundation, 1997, 2001, 2002.
American Society for Engineering Education, 2001, 2002.

Panel Organizer: Foreign Scientists and Engineers in the United States, *Annual Conference of Society for Social Studies of Science,* Cambridge, 2001.

VII. Outside Sponsored Research

Bruce Perlman

Research Grant, "Why So Few Women in Information Technology: A Comparative Study", October 2001 to September 2002, National Science Foundation, Information Technology Workforce Program, Co-Principal Investigator (with Varma and Kapur).

Roli Varma

Roli Varma, "New Immigrants: Science and Engineering in the United States" Science and Technology Studies Program, National Science Foundation, Grant SES-0136467, 6/1/02 to 5/30/04, *$79,766.*

Roli Varma, "Why So Few Women in Information Technology?: A Comparative Study" Research Experiences for Undergraduates Program, National Science Foundation, Grant EIA-0120055, 3/15/02 to 6/30/03, *$6,000.*

Roli Varma (Principal Investigator), Bruce Perlman and Deepak Kapur, "Why So Few Women in Information Technology?: A Comparative Study" Information Technology Work Force Program, National Science Foundation, Grant EIA-0120055, 10/1/01 to 6/30/03, *$102,426.*

Roli Varma, "Recruitment and Retention of Undergraduate Minorities in Information Technology" Alfred P. Sloan Foundation, Grant B2000-72, 1/1/01 to 10/31/02, *$30,000.*

The University of New Mexico

School of Architecture & Planning
2414 Central Avenue SE
Albuquerque, NM 87131-1226
Telephone (505) 277-2903
FAX (505) 277-0076

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RECEIVED
NOV 27 2002
OFFICE OF THE SECRETARY

MEMORANDUM

TO: Vivian Valencia, Secretary of the University

FROM: Roger Schluntz, Dean

RE: Annual Report 2001-2002

DATE: November 27, 2002

This has been an excellent year for the continued development and evolution of the UNM School of Architecture and Planning. Attached are reports from the School's three academic programs: Architecture, Community and Regional Planning, and Landscape Architecture, as well as our three outreach programs, the *Institute for Environmental Education*, the *Resource Center for Raza Planning*, and the *Design and Planning Assistance Center*. The School's enrollment increased about 8% from the previous year, and sponsored projects and research funding are now at an all-time high.

The School has continued to make significant progress on the envisioned new facility for the School. With the securing of the preferred site, the change in the program to accommodate the Fine Arts and Design Library, and the anticipated beginning of the adjacent parking garage/visitors center, the stage is set for undertaking the construction documents in the coming year. The School has committed to contribute $2 million dollars to the project budget, and at year's end about one-third of this amount has been pledged as the result of the Capital Campaign effort launched by the School and the UNM Development office.

I am also pleased to report that the Dean's *Council for Design and Planning Excellence* was able to increase its paid membership from 30 one year ago to 47 members. The School of Architecture and Planning Alumni Association, officially started in May 2000 with 15 members, ended the fiscal year with approximately 85 dues paying members.

We were particularly pleased with the completion of a bequest/will documentation from George Clayton Pearl, FAIA that ultimately will result in substantial gifts of cash and donation of property to the School (approximately $1.5 million).

The School continues its quest to gain approval of two important, multi-disciplinary Certificate Programs: *Historic Preservation & Regionalism* and *Town Design*.

School of Architecture and Planning
Community and Regional Planning Program
Annual Report: July 1, 2001 – June 30, 2002
Submitted by: David S. Henkel, Jr., PhD, Director

Following is a summary documentary of key developments and events in the School of Architecture and Planning from July 1, 2001 – June 30, 2002. The report addresses faculty, research, professional activities, public events, outreach, student life and administrative changes.

Significant Events

International Cooperation

Associate Professors Claudia Isaac and David Henkel were visiting scholars at the University of Quintana Roo during the summer session, co-teaching a bi-national, bilingual advanced studio in planning. (See below.) While the effort was initiated by PILA (Planners in Latin America) student organization in cooperation with the CRP faculty, this also is part of the continuing efforts toward collaboration in creating a community-based natural resources planning program at the University of Quintana Roo.

Annual Orientation Event

The annual new student orientation event was held in conjunction with the all-School of Architecture and Planning orientation session in late August. A lunchtime discussion was also attended by planning professionals, continuing graduate students, faculty, and alumni.

Resource Center for Raza Planning (RCRP)

The RCRP continued to broaden its role as a research center within the School. The center provided strong support to the evolving capacities of the Río Grande CDC as it developed increasing ability to support alternative economic development strategies in the South Valley.

Significant Developments

Accreditation

The program underwent its 5-year accreditation self-study and site visit in 2000-2001; the exit interview was strongly positive.

Bachelor of Arts in Environmental Design

The CRP program revised the *Bachelors of Arts in Environmental Design* degree (BAED) in 2000, which expanded to 10 full-time candidates in 2001.

CRP Endowment
During the academic year 2000 - 2001, the Community and Regional Planning Program initiated an endowment that will eventually be able to supply funding in support of student scholarships and other aspects of program development.

Charna Statten Scholarship
A student scholarship fund was initiated in 2002 in memory of Charna Statten, a planner in north central New Mexico. This fund is intended to support students whose roots are in New Mexico and whose career goals include serving our communities. The scholarship fund increased in 2001 and it is expected that the endowment will be of sufficient size in a few years to generate disbursable income.

HUD - Fellowships
A grant application coordinated by Associate Professor Teresa Córdova resulted in the award of three HUD Fellowships to CRP students.

Personnel and Program

Program
The Program updated its five-year strategic plan in 2001 in anticipation of the program accreditation process. The program also developed and approved by-laws for its organization and operation.

Faculty
Associate Professor Paul Lusk, a joint faculty member with the Architecture Program, retired after a long and rich career. We look forward to Paul contributing to our program as emeritus faculty in the future.

The faculty search to fill Professor Lusk's position did not result in finding an acceptable candidate and will be re-advertised in the fall of 2002.

Associate Professor Claudia Isaac was named Director of the *Latin American Studies Program* for three years, beginning in 2001.

Curriculum
Curriculum Planning and Innovation: The program developed a regularized cycle of its course offerings, to bring stability to the curriculum. These have been approved by UNM faculty Senate procedures and are included in the 2001-- 2003 university catalog. The program developed an undergraduate minor in Community and Regional Planning that was formally approved by the Faculty Senate and hopes that it will be included as a fully transcripted minor in the next UNM catalogue.

New Course Development: Students and faculty from the University of New Mexico (UNM) and the Universidad de Quintana Roo (UQROO) conducted a summer field studio on eco-tourism and rural development in the southern part of the Yucatan Peninsula. To prepare for the summer studio, the students enrolled in "Cultural Aspects

of Community Development." During this course they traveled to Anapra, a *colonia* on the outskirts of Ciudad Juárez.

Community Outreach in Classroom Settings:

- During the fall semester of 2001, Associate Professors Bill Fleming and José Rivera, Lecturer, offered an advanced regional planning studio in collaboration with the community of La Cienega and the county in Santa Fe. Building on the previous year's experience, the studio surveyed the local population and designed a model for alternative agricultural development strategies.

- The introductory planning communications studio coordinated by Adjunct Associate Professor Min Kantrowitz addressed issues of community identity and resources in Los Lunas. Associate Professor David Henkel's course in natural resources field methods coordinated with the Galisteo Watershed Restoration Project to train students in rapid monitoring techniques for riparian and grassland health. The resulting analysis was presented to the community.

- Associate Professor David Henkel and Visiting Associate Professor Chris Calott linked their respective planning and architecture courses in the spring semester in support of design work along the Mexican border, in Ciudad Juárez.

Student Life

Student Organizations: Two student organizations were chartered by the Graduate Student Association of the University of New Mexico this year. PILA (*Planners in Latin America*) and RCRP (*Resource Center for Raza Planning*) students helped to provide a vehicle for standard activities including a lecture series.

Student Awards: The recipient of the 2000 Stamm Graduate Travel Fellowship, Rossana Ramírez, made a presentation in the fall about her summer investigation into the *favelas* of Rio de Janeiro.

Graduating Students for 2001-2002

Bachelor of Arts in Environmental Design

Spring 2002

Thelma Antonio
Robert Baca
Sandra Jensen

Master of Community and Regional Planning

Summer 2001
- Anne Kelly
- Mark Rehder
- Blair Woodard

Fall 2001
- Lilly Irvin-Vitela
- Patrick Kraich
- Yasmeen Najmi

Spring 2002
- Marsha Kellogg
- Paul Olafson
- Andrew Sussman

Summer 2002
- Bernadette Miera

Scholarships and Awards

3% Scholarships
- Elvira Lopez
- Tim Murrell
- Doug Shaw
- Christian LeJeune
- Janice George
- Melisa Collett
- Adriana Villar
- Marjo Curgus

NMAPA Award: Paul Olafson
Frontier Scholarship: Jacobo Martinez
Service to a Wider Community: Bernadette Miera
Research & Scholarship Award: Rosanna Robertson
CRP Community Building: Monica Delgado

Tau Sigma Delta National Honor Society – Gamma Lambda Chapter
- Buckley, Kevin
- George, Janice
- Weikunat, Curtis

Part-Time Instructors

Fall 01

Phyllis Taylor	Land Development Economics
Steve Borbas	Introduction to Graphics
Francisco Padilla	Planning Issues in Chicano Communities

Spring 02

Neal Weinberg	Co-instructor Introduction to GIS
David Broudy	Co-instructor Introduction to GIS
Anita Miller	Land Use Controls

Summer 02

Jeffrey Mitchell	The City in History
Kenneth Marron	Environmental Planning Methods

School of Architecture and Planning
Architecture Program
Annual Report: July 1, 2001 – June 30, 2002
Submitted by: Andy Pressman, FAIA, Director

Following is a summary documentary of key developments and events in the School of Architecture and Planning from July 1, 2001 – June 30, 2002. The report addresses public events, outreach, faculty, research, professional activities, administrative changes, and student life.

Significant Developments and Events

American Institute of Architects (AIA)

A job fair on April 17, 2002 co-sponsored by the Architecture Program and the AIA was successful in assisting students with career planning and job placement.

AIA Awards for Students

The *American Institute of Architects* national and chapter design awards were bestowed on the following students in the Architecture Program:

Award	Student
AIA/AAF Scholarship for First Professional Degree Candidates	Alicia Brown
AIA/AAF Scholarship for First Professional Degree Candidates	Joanne Eekhoff
AIA/AAF Scholarship for First Professional Degree Candidates	Melanie Shelor
Student Citation Award	Suzie Marbury
Student Citation Award	Cindy Lopez

AIA New Mexico Design awards honored faculty works:

Award	Faculty
Built Citation Award "Moriarty Civic Center"	Garrett Smith
College of Fellows Elect	Andy Pressman
Unbuilt Merit Award "Bagley Studio"	Garrett Smith

Anniversary

The School of Architecture and Planning celebrated its first 30 years in November with a gathering of alumni and previous administrators.

Associate Dean Appointed

This year Associate Professor Gabriella Gutierrez was appointed Associate Dean of the School of Architecture and Planning. She was also elected as Secretary to the national organization, *Association of Collegiate Schools of Architecture* (ACSA).

Community Outreach Studio, Juarez, Mexico
This spring students from Universidad Nacional Autonoma de Mexico, Mexico City, the University of Texas, Austin, and the University of New Mexico worked directly with the Instituto de Arquitectura, and Designo e Arte, the planning arm of Ciudad Jaurez, to address housing problems caused by the maquila system. Visiting Associate Professor Christopher Calott led the University of New Mexico studio.

Dean Appointed to Accrediting Board
Dean Roger Schluntz was appointed to a three-year term on the *National Architecture Accrediting Board* (NAAB). Based in Washington D.C., the NAAB is the sole agency to accredit professional architecture degree programs in the U.S.

Design and Planning Assistance Center
During the spring term DPAC worked with communities in Albuquerque and Artesia. The students worked on issues of street renovations, parking, transportation, planning, as well as designing a daycare center for Martineztown. Assistant Professor Mark Childs and Associate Professor Paul Lusk were the studio instructors.

DPAC Director Appointed
Assistant Professor Mark Childs was named new director of the *Design and Planning Assistance Center* in January 2002.

Greater Albuquerque Housing Partnership
During the fall term Visiting Associate Professor Christopher Calott and Visiting Assistant Professor Jean Pike's 4th year studio worked with the GAHP to analyze and design affordable housing for the Trumbull Village Neighborhood in Albuquerque.

Faculty Book Signing
Architecture graduate student, Carlotta Garcia, organized a book-signing day for faculty to promote their books. Recently published books from the faculty include: Associate Professor Eleni Bastéa's, *The Creation of Modern Athens, Planning the Myth,* Associate Professor Andy Pressman's *Architectural Design Portable Handbook,* and J.B. Jackson Professor Chris Wilson's, *Facing Southwest: The Houses of John Gaw Meem.*

Fine Arts Library Move to New Building
The Fine Arts Library will be getting a new home in the new School of Architecture and Planning building. The library will expand from 13,000 sq. ft. to 26,000 sq. ft. and be housed in a subterranean floor of the new building designed by Antoine Predock. Currently the Fine Arts Library stores 30,000 volumes off site. The move will allow these materials to be returned to the Fine Arts Library, making it possible for the library users to have full access to the collections again.

John Gaw Meem Lecture Series
Several architects, historians, academics, planners, and landscape architects participated in the School's endowed John Gaw Meem Lecture Series. These lectures are sponsored

by the John Gaw Meem Endowment, the J.B. Jackson Endowment, Rinker Materials, and the Society for Women in Architecture. These include:

George Anselevicius, Professor Emeritus, *Jerusalem Old and New*

Rebecca Binder, R.L. Binder Architects and Planners, Playa del Rey, CA, *Forming Thoughts*

Adrian Esparza, *Growth and Land Use Change in Northern Mexican Border Cities*

Chris Genik, Day-Genik Architects, Santa Monica, CA

Henri Glassie, (sponsored by J.B. Jackson Endowment) *Landscape and Life: Lessons from Tradition*

Donald Grant, *Architectural Design Controls in a Philistine Police State*

Kenny Helphand, *Defiant Gardens*

Kristina Hill, *Constructing an Ecological "Pattern Language" for Design*

Chris Jofeh, Architect, Ove Arup and Partners, UK, *The Extraordinary use of Ordinary Materials: the structural use of glass in buildings*

Lucy Lippard, Author, NM, *Undermining*

Clare Cooper Marcus, Professoer Emeritus, UC Berkeley, *Healing Landscapes*

Christopher Mead, Professor of Art History, *Land and Modernity in Dutch Architecture*

Cathy Simon, Architect, *Building an Urban Practice.* Jointly sponsored by UNM's Society for Women in Architecture

David Stuart, Associate Provost for Academic Affairs, UNM, *The Rise and Fall of the Chaco Anasazi – Uncontrolled Growth*

Gordon Wittenberg, *Material as Language.* Jointly sponsored by Rinker Materials

Lecture by Professor Baruch Givoni
The seminar on passive cooling technologies was given on October 19, 2001. Professor Givoni is an internationally known expert on passive technologies.

Lectures by Professor Bob Thorp
Two lectures on Chinese architecture and urbanism were given in Associate Professor Eleni Bastéa's World Architecture II course on February 25 and 27, 2002. Professor

Thorp has traveled extensively in China and is well known for his expertise on Chinese art, architecture, and archaeology.

Playhouse Design Competition
Assistant Professor Geoff Adams, along with Associate Professor Gabriella Gutierrez and students Tyson Parker and Sara Stewart won the *Playhouse Design Competition.* The competition was held in April and benefits the *Construction Advancement Program.*

Summer Study Abroad
Adjunct Assistant Professor Garrett Smith directed the second annual Summer Study Abroad program in Lugano, Switzerland; Adjunct Associate Professor Steve Borbas taught drawing, sketching and watercolor techniques. Twelve students participated in the program that took place from June 15- July 15.

Wednesday Discussions
Associate Professor Alf Simon, Associate Professor Teresa Cordova, and Visiting Assistant Professor Melissa Cicetti participated in the weekly Wednesday discussions held in Room 120. The discussions provided an opportunity for members of the SAAP community and the professions to come together to learn and be inspired by each other.

Faculty

Curriculum
Assistant Professor Mark Childs developed a new course in Infrastructure Design and Planning. Additionally, the School accepted his proposal for a *Certificate in Town Design.*

Associate Professor Chris Wilson received approval from the School to submit a proposal for a *Certificate in Historic Preservation and Regionalism.*

Faculty Research and Creative Work
The following is a list of faculty and their publications, achievements, awards, professional work, research projects, and professional activities.

Assistant Professor Geoff Adams authored, "Thinking and Making", a chapter in the *Architectural Design Portable Handbook.* He also presented "Introduction to Three Dimensional Composition/Dancing on the Digital Divide" at the 18th National Beginning Design Conference.

Assistant Professor Eleni Bastéa received the Runciuran Award for her book *The Creation of Modern Athens: Planning the Myth.*

Visiting Associate Professor Christopher Calott has five projects in process in his practice: the Hibernian House, the Huning Gardens Lofts, the Roma Street Houses, the

Tierra Contenta Plaza, and the Agora Phases II and III. Additionally, he developed an interdisciplinary studio investigation conducted in Cuidad Juarez. Professor Calott has numerous publications including "Border Studios", "The Mexican City Urban Design Studio", and *Your Town* Plan for Silver City. He also won an NM/APA Award for "Innovation in Planning".

Mark Childs, Assistant Professor and newly appointed Director of the *Design and Planning Assistance Center*, recently published "The Art of Parking", a chapter in the *Architectural Design Portable Handbook*. Furthermore, he completed a policy analysis of parking for the New Mexico State Fair. He also completed two grants; a TAS grant to photograph infrastructure in New Mexico, and RAC grant to study central public places in three New Mexico towns.

Visiting Assistant Professor Melissa Cicetti currently has two projects in process in her work at Gluckman Mayner Architects; SITE Santa Fe and the Georgia O'Keeffe Museum Research Center in Santa Fe. She also created and taught a design/build studio during the Spring 2002 term.

Associate Professor Stephen Dent has published two works; "Lessons (and Confessions) of a Passive Solar Home Owner/Architect" in the 26th National Passive Solar Conference, and "Congregation B'nai Israel", published as a case study on the web site of *Architectural Record* magazine. He also has two projects in process in his practice; Udis/Williams Passive Solar Residence and Keystone Sustainable Office/Warehouse Building. Additionally, he served as Secretary of the New Mexico Board of Examiners for Architects.

Associate Professor Gabriella Gutierrez is currently working on the Aguirre Remodel, a project in process in her practice.

Visiting Assistant Professor Karen King is currently working on Fair Housing/ADAAG/NMBC surveys in Albuquerque.

Robert Peters, FAIA, Adjunct Professor in the architecture graduate program, won the 2001 NMAPA award for his project on the Interstate Corridor Enhancement Plan.

Antoine Predock, FAIA, Adjunct Professor, was granted an Honorary Doctorate degree in Fine Arts at the 2001 commencement exercises. Aside from numerous projects in his private practice, he is designing the new School of Architecture and Planning facility.

Associate Professor Andy Pressman, Director of the Architecture Program, has been elected to the *College of Fellows* of the *American Institute of Architects*. He is one of only 68 individuals to be honored this year. In addition, the section on the Architectural Registration Examination in his book *Architectural Design Portable Handbook* was selected for inclusion in the national AIA "2002 Continuing Education System (CES) Provider Manual". In his private practice he is working on the design of a new gymnasium and community gathering place in Princeton, NJ.

Professor Anne Taylor, Director of the *Institute for Environmental Education*, was the only individual in the Western U. S. invited to present at a conference on school facility planning at the Chautauqua Institution in New York. She had two published works: Programming and Design of Public Schools in the Context of Community", on the Internet at Design Share, New Horizons for Learning and Cornell University, and "Scenario" for the Santa Fe Indian School. Additionally, she is working on a book called *School Facility Design and Planning.*

New Faculty and Appointments

In April 2002, Tim Castillo and Melissa Cicetti were selected for the tenure-track assistant professor positions.

In April 2002, Karen King was selected for the 0.5 FTE "Professor in Practice" (Lecturer III) position.

Retiring Faculty

Associate Professor Paul Lusk retired (May, 2002) after twenty-seven years of teaching in both the architecture and planning departments. He focused on ecological performance and design aspects of both architecture and planning.

Professor Richard Nordhaus retired (Dec,2001) after thirty-two years of award winning teaching and creative work.

Students

Student Awards
Architecture students received the following awards, prizes and scholarships in 2001-2002:

Albuquerque Surveying Co. Inc. Travel Award	Yvette Tovar
American Indian Graduate Award	Edward Valley
Allen Stamm Travel Prize	
Chicago Institute for Architecture and Urbanism Award	Angela Robbins
Form Z Award of Distinction for Urban and Landscape Design	Sarah Lindenfeld
GPSA, GRD Fund	Alicia Brown
GPSA, GRD Fund	Joanne Eekhoff
Michael Gallegos Travel Award	Marianna Grigorieva
Rinker Materials Competition, First Place	Frances Brown
Rinker Materials Competition, First Place	Stephen Mora
Rinker Materials Competition, First Place	Randall Stogsdill

Travis Freeman Summer Travel Prize — Alicia Brown

Student Life

New chartered organizations include the School of Architecture and Planning *Student Council*. The *Student Council* held biweekly meetings and facilitated communication between the students and the administration.

Existing chartered organizations include the *American Institute of Architecture Students* (AIAS), and the *Society for Women in Architecture* (SWA). The SWA held many events including a lecture by Cathy Simon, FAIA, a prestigious architect in San Francisco, and a tour event held by Santa Fe architect Beverly Spears. In addition, SWA hosted a luncheon with Nancy Meem Wirth, daughter of campus architect John Gaw Meem.

Graduating Students for 2001-2002

Bachelor of Arts in Architecture

Acevedo, Consuelo
Anderson, Shawn
Anderson, Siren
Aragon, Fernando
Ballard, Derrick
Begay, Tamarah
Berg, Parker
Cosyleon, Evelyn
Eddy, Robin
Flack, Tiffany
Frank, Wayne
Gaiser, Jonathan
Gallegos, Juan
Gatewood, Brian
Glass, Westin
Gomez, Aaron
Gutierrez, Noelia
Harvold, Mark
Haught, Christel
Imel, Arjuna
Johnson, Tanya
Katz, Jennifer
Koch, Marcus
Lindenmaier, Philipp
Loco, Katharine
Luarkie, Janice
Marquez, Myrna
Maynard, Shelley

Master of Arts in Architecture

Abbott, David
Antonio, Michael
Aranda, Antonio
Archibeque, Melanie
Blazak, Michael
Bolton, Kerney
Caponetto, Christopher
Cates, Richard
Chavez, Marvin
Cooke, James
Gallegos, Michael
Garcia, Carlotta
Hadi, Nasima
Harris, Cheryl
Hirsch, Margaret
Jacoby, Joseph
Larsen, Jared
Martinez, Marilyn
Martinez, Marvin
Mazeika, Karole
Nicholson, Scott
Patwa, Chandni
Puzak, Daniel
Sandoval, Gregory
Satterfield, Jeffery
Shirley, Alan
Stringer, Todd
Switzer, Wendy

McCaslin, Steven
Meyer, Adam
Miller, Mathew
Pavlakovich, Alisa
Safrany, Michael
Siporin, Michael
Spitz, John
Suttles, William
Tapaha, Tobe
Tovar, Oscar
Vasilion, Evan
Vasquez, Roberto
Walbridge, Amber
Wilson, Ronald
Williams, Stephen

Bachelor of Arts in Environmental Design

Antonio, Thelma Elaine
Baca, Robert Jacob
Jensen, Sandra Jean

School of Architecture and Planning
Landscape Architecture Program
Annual Report: July 1, 2001 - June 30, 2002
Submitted by: Alf Simon, PhD, Director

The following Landscape Architecture Annual Report covers the period July 1, 2001 through June 30, 2002. The report documents key developments and events in the program regarding curriculum, student life and activities, public events and outreach, and administrative reforms. The report also addresses faculty research and professional activities.

Program and Curriculum Development

The Landscape Architecture Program in the School of Architecture and Planning at the University of New Mexico began its second year of formal operation in September 2001.

At that time the first class of the new three-year program, as approved by the Faculty Senate in a Form C proposal, began their course of studies. This cohort will complete 87 credit hours of studies to complete their degree, including five design studios. Students entering the program with a previous degree in Landscape Architecture or Architecture will normally complete 57 credit hours, including three studios. This will be the operating mode of the program for the next three-year period. Following that, time changes will be made based on observed outcomes, student feedback and the outcomes of an accreditation team visit.

A decision was made to request an accreditation visit for spring 2003. This will be the first accreditation for the program, and although it has been scheduled somewhat early by most standards, the need to achieve accredited status as soon as possible was deemed a priority.

Curriculum

Minor changes continued to be made regarding course names, course numbering, cross listing of courses and catalogue course descriptions. These have been addressed in Form A's.

New courses were added to the curriculum through Form B's to bring the program in line with the major Form C curriculum change approved in 2000-01.

Revisions to the curriculum continued to be made to fine-tune course offerings and to allow students flexibility in pursuing an area of emphasis leading to their thesis/project.

Students

There were twenty-three students registered in the program. The student association, *Society for Landscape Architecture Students* (SOCLAS) continued to form the core of a strong and well-organized student group. Landscape Architecture was also well represented with two students on the School's *Student Council.*

Four students graduated during 2001-2002:

Anne Kelly (joint LA/CRP degree)

Michelle Negrette *(Left-over Freeway Spaces as a Landscape for the Homeless)*

Catherine Moody *(An Urban Forest Analysis of Albuquerque's Recreation Trail Network and Sustainable Design Solution)*

Lola Bird *(Reclaiming the Landscape: A preservation study and plan for the CCC gardens of Elephant Butte Dam, New Mexico)*

Student Support

The LA Program was able to award the following student scholarships, awards and assistantships for the 2001-02 year.

- The Frontier Scholarship ($1000.00)
- Three - 3% graduate scholarships from UNM (tuition)
- The J.B. Jackson Scholarship ($500.00)
- ASLA Awards of Academic Merit (book award to the top student in each year of the program)
- One project assistant position
- Two research assistant positions

Recruitment and Promotion

Building a high quality applicant pool and enrollment in the program remained a top priority. The program enrollment goal in the next five years is 50 – 55 students, with the assumption of fifteen students in each of the three years, and a number of thesis/project students who have finished their coursework and are working on their research. The first question that prospective students ask has to do with program accreditation. It has been difficult to recruit aggressively without accredited status, and this remains the 'catch 22' for the program. The main initiatives were

- several recruitment fairs were attended during the 2001-02 year
- the LA Program brochure was redesigned and brought up to date

- a student manual for LA graduate students was further refined
- a tracking system and methods of follow-up were developed for prospective student inquiries
- an aggressive letter campaign was developed to reach UNM students with 3.0 and better GPA's who were graduating from selected departments.

Library Holdings

In 2001-02 the LA Program submitted approximately 200 titles to the Fine Arts Library. Most of these have been purchased.

Bachelor of Arts in Environmental Design

The LA Program continued to work in cooperation with the Community and Regional Planning Program to develop the emerging *Bachelor of Arts in Environmental Design* program. The LA option concentration was restructured in 2001-02, primarily in response to the lack of studio space and resources to accommodate the four-studio sequence that had originally been planned.

Service and Contract Projects

The LA Program carried out two service projects with the Studio 2 student group:
Center for Action and Contemplation – site development
UNM – Cornell Mall Site Design

One contract project was carried out in conjunction with the *Resource Center for Raza Planning*: Isleta Boulevard and Sanchez Farm land drainage site design and development project

Faculty and Staff

Faculty

A search was conducted to appoint a J.B. Jackson Professor as a full-time tenured position serving in the Landscape Architecture Program. The successful candidate, Chris Wilson, is now a full-time faculty member in LA. Currently the LA Program has two full-time tenured faculty, Alf Simon (Director), and Chris Wilson (J.B. Jackson Professor), and one .35 faculty appointment (Baker Morrow), who is also one of the leading professional practitioners in New Mexico. The permanent faculty are complemented by a number of visiting and part-time appointments.

Part-time / adjunct instructors during the 2001-02 academic year were:

Dennis Wilkinson (BLA)	LA 580 LA Technology 1: grading and drainage
Alex Rattray (B. Arch, MLA)	LA 561 LA History and Theory
Edith Katz (MLA)	LA 560 20th Century LA Theory
Mary Dennis (MLA)	LA 501 LA Design Studio 1
Judith Phillips	LA 559 Plants 2
Bill Perkins (MLA)	LA 531 Professional Practice in LA
Arnie Valdez	LA 512 Cultural Landscape Assessment and Management

In addition, the continuing part-time / adjunct teaching faculty included:
John Rupley
Steve Borbas
Kim Sorvig

Other School of Architecture and Planning faculty teaching courses that are important to the LA Program curriculum were:
Bill Fleming
David Henkel
Min Kantrowitz
Mark Childs
Chris Calott

Support Staff
The Landscape Architecture Program half-time Administrative Assistant, Mary Louise Burch, resigned in spring 2002, and was replaced by Roxanne Jarrard. Ms. Jarrard has proven to be a very effective addition to the LA Program, and has helped considerably with systems and organization. In addition, the Program Director had the opportunity to work with a graduate assistant throughout the year who carried out a number of tasks, including library acquisitions research.

Faculty Productivity

Chris Wilson, J.B. Jackson Professor of Cultural Landscape Studies
Publications and Exhibit
Facing Southwest: The Houses and Life of John Gaw Meem. With photographer Robert Reck. N.Y.: W. W. Norton, 2001. [Published]

Everyday American: Cultural Landscape Studies After J. B. Jackson. Berkeley: University of California Press, 2002. Ed. with Paul Groth. [Final manuscript submitted]

"Ethnic/Sexual Persona in Tri-cultural New Mexico." In The Culture of Tourism; The Tourism of Culture. Hal Rothman ed. Albuquerque: University of New Mexico Press, 2003. [Finished book chapter]

"Place Over Time: Restoration and Revivalism in Santa Fe," In [book on history of preservation in U.S.] Max Page ed. Routledge, 2003 [drafted book chapter]

Co-curator, "Facing Southwest: The Houses of John Gaw Meem," exhibition, Center of Southwest Research, Zimmerman Library, University of New Mexico, January May, 2002.

Professional Activities

Paper session commentator at Western Historical Association conference, San Diego, November, 2001.

Organized and chaired session, "Cultural Landscape: People and Places," at ICOMOS US conference, Santa Fe, April, 2002.

Attended Vernacular Architecture Forum conference, Williamsburg, Virginia, May. 2002.

Guest Talks

"The Regionalism Paradox of Globalization . . . or Community Plazas, Amenity Migrants and the Vogue of Santa Fe." Rural Sociology Association annual conference keynote. Albuquerque, August 2001.

"The Myth of Santa Fe and the Challenges of Globalization." Western Planning Association annual conference keynote. Santa Fe, August, 2001.

"Documentation and Revitalization in New Mexican Plaza Communities" Texas Tech conference on the documentation of community, Lubbock, October, 2001.

"Spanish Planning Ideals and Frontier Realities in New Mexico." Law of the Indies Symposium in conjunction with Congress for the New Urbanism semi-annual colloquium. Santa Fe, October 2001.

"New Urbanist Interventions in New Mexico," College of Architecture, Planning and Landscape Architecture, University of Arizona, Tucson, February, 2002, and repeated for Geography Department, Arizona State University, Tempe, February, 2002.

"Return to the Walking City: New Urbanist Simulations of Plaza and Main Street" keynote talk, Center for the Southwest, UNM History Department Conference, UNM, April, 2002.

Keynote talk, Protecting Land, Water, and Culture in Rio Arriba County conference, Española, May, 2002. [The cultural landscape concept as a consensus building meeting ground for villagers, government officials and environmental non profits]

Community Involvements
Board of Directors, Cornerstones Community Partnerships, Santa Fe [leading community-based historic preservation non-profit]

Board of Advisors, Garden History and Landscape Studies, Bard Graduate Center, New York.

Continued support for the implementation of the Doña Ana [New Mexico] Plaza Plan, including organization of one day charatte to refine and cost out plaza part designs.

Participant, Cultural Landscape Workshop, National Park Service, Southwest Regional Office, La Cienaga, New Mexico, February, 2002.

Participant, Historic Preservation Partners Roundtable, State Historic Preservation Division workshop, Albuquerque April 4, 2002.

Baker Morrow, Adjunct Associate Professor

Publications

Horses Like the Wind, published October, 2001, University Press of Colorado.

A new book, In the Anasazi Landscape, is in progress with V.B. Price. Publication date: Fall, 2003, by University Press of Colorado.

Research

Continued research for the National Park Service at the Painted Desert Inn Historic Landscape, Arizona.

Honors and Awards

Honored by SAAP and Zimmerman Library, UNM, November, 2001: School of Architecture and Planning Acknowledgment Award and Lecture.

Four awards (ASLA, ASCE) for design work, citing projects for the Journal Center (Albuquerque), Sandia Casino (Albuquerque), Roskos Field (Rio Rancho), Artesia Main Street Phases One and Two; three other design awards; one writing award for the book Anasazi Architecture and American Design (with V.B. Price).

Inducted as a Fellow of the American Society of Landscape Architects in Washington, DC, April, 2002.

Professional Work

Among other projects, eight major streetscape projects currently under design in the western US; multiple university campus and school campus projects under design; landscape architect for the new Balloon Museum and Albuquerque Museum projects; cemetery design and upgrades underway for the Veterans Administration at three sites in three states.

Alf Simon, Director and Associate Professor

Publications

Mixing Water and Culture: Making the Canal Landscape in Phoenix, May 2002
Ph.D. dissertation, Department of Geography, Arizona State University

Papers Given

Mixing Water and Culture: Making the Canal Landscape in Phoenix

US Bureau of Reclamation History Symposium, Las Vegas, June 2002

Contracts

Isleta Boulevard and Sanchez Farm land drainage site design and development project (with RCRP) Carried out for the Bernalillo Public Works Department and the Albuquerque Metropolitan Arroyo Flood Control Authority. Resulting study published as *"A Dialogue: People, Place and Water"* (Award $35,000)

Service Activities

- School Committees
  - Executive Committee
  - Speakers, and Exhibitions Colloquia Committee
  - Graduate Program and Curriculum Committee
  - School Personnel Committee
  - Computing Committee
  - New Facility Building Committee
  - Library Acquisitions
- UNM
  - Campus Planning Committee
- ASLA
  - 2001-02 NMASLA Awards Jury
- CSLA
  - Editorial Committee Landscape / Paysage
  - CSLA Jury of Fellows

Kim Sorvig, Research Assistant Professor

Publications

"Nature Culture Words Language" -- accepted for publication in Landscape Journal, vol 21 Num 2. Continued as Contributing Editor, Landscape Architecture Magazine; published approx 10 articles and 4 book reviews.

By invitation, wrote an article for Planning magazine, the American Planning Association journal, on noisewalls and their pros and cons for communities.

Activities

Invited speaker on Sustainable Landscape Construction & related topics at:
American Association of Botanic Gardens & Arboreta 2001 Annual Meeting, Denver, July 2001
Dept. of Interior Environment Conference, Albuquerque, April 2001
Dept. of Interior Facilities Managers Conference, San Diego, April 2002

Invited to be the First Annual Smith Group/JJR Lecturer at the University of Illinois, Dept. of Landscape Architecture, topic "Meaning, Beauty & Sustainability in the Built Environment", Champaign-Urbana, Nov 2001.

Notified of being awarded the 2002 Bradford Williams Medal, from the ASLA Board of Trustees, "for exceptional writing in Landscape Architecture magazine" based on my article on the effects of wildfire regulations on landscape architectural practice. (To be presented at the 2002 Annual Convention, San Jose).

Notified that Sustainable Landscape Construction is under negotiation for a Chinese-language edition.

Spring through Winter 2001, completed nearly 30 site visits to Living History Museums for research funded by JB Jackson Endowment award. Publication of results pending in Association of Living History Farm and Agricultural Museums.

Consulting

Santa Fe Botanic Gardens, pro bono landscape-interpretive thematic
Strategies Institute of American Indian Arts & Culture, ethnobotanical landscape, interpretive consultant to Clemens Assocs.

Community involvement

Santa Fe County Urban-Wildland Fire Code revision, committee member
Citizens Advisory Committee, NM Hwy 14 Traffic Calming public input process
seminar on sustainable gardening, benefit for Santa Fe Botanic Garden

John Barney, Lecturer

Professional Activities

Community Designer, Sites Southwest, Albuquerque, NM, Winter 2002 to present.
GIS analysis, mapping and representation, landscape design, land use planning, community mapping and process work.

Publications & Public Presentations

S. Gaspar, J. Barney & K. Gleason, "Seed and Stone: Local Technologies and Appropriate Knowledge in Collaborative Landscape Design in Pueblo Communities," poster presentation at the USICOMOS Biannual Conference, Santa Fe, NM, spring 2002.

Barney, J. & D. Kay & W. Jewell, "Mapping and Imaging Land Use Change and Sustainability in Tompkins County," paper presented as part of the Sustainable Tompkins County Series, Ithaca, NY, fall 2001.

Barney, J. & S. Hoskins, "Imaging and Characterizing the Spatial Impact of Major Public Investment Projects on Working Landscapes along the Erie Canal Corridor," presented at the STOC Conference, Ithaca, NY, Summer 2001 & published subsequently as part of the Erie Canal Corridor Working Papers Series, winter 2002.

Barney, J. & D. Gross, "Scaling Up, Reaching Out: A Local Land Trust in Transition," paper presented as part of the Research in Natural Resources Seminar Series, Ithaca, NY, fall 2002.

Barney, J., J. Francis, T. Whitlow & S. DeGloria, "The Impact of Ecological Greenspace on Property Value," & "Visualizing Values: the Relationship Between Property Value and Ecosystem Services," both poster presentations at the Rural Sociological Society Annual Meeting, Albuquerque, NM, summer 2001.

Schaft, K, J. Barney & D. Kay, "Characterizing the Impact of the Canal Corridor Initiative on Poverty and Development." presented at the STOC Conference, Ithaca, NY, summer 2001 & published subsequently as part of the Erie Canal Corridor Working Papers Series, winter 2002.

Barney, J., C. Geisler & J. Francis, "Green Growth Machines: Is Open Space Conservation Gentrifying the Rural Northeast?" presented at the Who Owns America III Conference, Madison, WI, summer 2001.

Community Outreach, Teaching & Research

The Northern Tier Townships, Montrose, PA, Fall, 2002.
This community outreach effort was a focal point of a workshop course, entitled Conservation Planning co-taught with David Gross of Natural Resources Cooperative Extension, offered through Cornell University's Department of Natural Resources.

The E. L. Rose Conservancy, Silver Lake, PA. Spring - Fall 2001.
A local natural land trust and community groups that this land trust was active within, including the Snake Creeks Watershed Association and the Susquehanna Greenway. Through Cornell University's Departments of Landscape Architecture and Natural Resources.

Tompkins County Division of Assessment GIS, Ithaca, NY, Fall, 2001
Part of a Rural Sociology survey & lab course entitled Managing Local Environmental Systems co-taught with Chuck Geisler.

Zuni Community Design Studio Zuni, NM, Spring/Summer, 2001
An eight week landscape architecture studio coordinated with Kathryn Gleason (Cornell) was the latest community design effort in a long term relationship with the Pueblo of Zuni.

Workshops & Lectures

- (re)membering Ecologies: Landscape Ruins and Restoration Process (Landscape Architecture)

- Green Settlement Design from Stein to Arendt (Landscape Architecture, Natural Resources)

- Spatial Concepts in Landscape Ecology (Landscape Architecture, Natural Resources, E. L. Rose Conservancy)

- Orienting yourself in the Experiential Space of New Mexico (Landscape Architecture)

- Characterizing, Quantifying and Imaging Land Use Change in Upland Lake Watersheds (Natural Resources, Snake Creek Watershed Association)

Edith Katz, Lecturer

Selected Professional Work

Santa Fe Railyard Park International Competition

Member of the design team for the winning competition entry with Ken Smith of WORKSHOP, Mary Miss, Artist, New York City, N.Y. Negotiations are proceeding for the first phase of schematic design, anticipated to begin this fall, 2002. Will be participating in all phases of the project moving forward.

Santa Fe County Fair Master Plan
Consultant to Ellis - Browning, Architects: Santa Fe. Will produce a conceptual landscape plan for expanded facilities to provide new linkages, strengthen identity and image, conceptualize water collection and reuse systems with grading for on-site use of harvested water.

Santa Fe County Public Works Building
Consultant to Bauer, Freeman, McDermott, Architects, Santa Fe. New facilities for the county's administration and operations buildings will be sited on an abandoned sand / gravel mining site requiring massive earth moving and topographic manipulations that will be utilized to define identity through landscape medium and reinforce spirit of the proposed modernist galvanized metal, solar building.

Mysteries of the Rosary: Walking Prayer Garden
Large, symbolic garden conceived for the oldest church in Antonito, Colorado. The new landscape will be set on axis to a new addition proposed for the existing structure.

Judith Phillips, Lecturer

Publications
Revision of *Southwestern Landscaping with Native Plants*, first published in 1987 by the Museum of New Mexico Press. The update adds new plant descriptions and 55 color photos to the well-received original.

Research
Ongoing development and introduction of native and adaptive plant species includes production work on Southwestern US native grasses of the genus Muhlenbergia including M. asperifolia, M. emersleyii and M.montana; and developing a cultivated seed source for desert shrubs including Frankenia jamesii and Parryella filifolia.

Professional Activities
Developed the native and xeric plant palette for the landscape renovation of the New Mexico State Land Office in Santa Fe. Fifty species of native plants representing New Mexico ecosystems will replace bluegrass lawns to create a more sustainable public landscape and increase community awareness of the beauty and diversity of high desert plants.

Pro Bono Community Activities
Designed and helped coordinate planting of the landscape for the Visitor's Center at the Sevilleta National Wildlife Refuge. The landscape features plants that are key components of the biomes that merge on the Refuge, grouped within the plant communities they represent. Since the primary mission of the Sevilleta is research, public access is limited. The landscape vignettes give visitors a taste of the diversity that the Refuge preserves.

John Rupley, Lecturer
Activities
Served as Chairman of the New Mexico State Board of Landscape Architects (since 1996)

Member - Joint Practices Committee of New Mexico (an Official State Body that is a clearing house for registration disputes between the Architects, Surveyors Engineers and Landscape Architects. (served on this for 6 years)

Steve Borbas, AICP, Adjunct Associate Professor Campus Planner for UNM and its Branches
Publications:
"Context: Public Art Meets Urban Design" in ABQ Arts magazine Article in Albuquerque Tribune "Planner walks line between Town and Gown"

Research
Conducting a study for UNM about the New Process of Decision-making in Space Allocation Based on Needs and the Quality and Quantity of Resources

Professional
Reconvened urban designers in Albuquerque, under the new rubric of the Urban Design Forum, urbanist for the future of Albuquerque,reviewing and commenting to the Mayor and City Council

about such projects as the Planned growth Strategy, the Big I landscape gone missing, billboards, Winrock expansion, etc.

Community
Member of the City's Indicator Progress Commission (Goals), the Albuquerque Arts Board, the Interstate Corridor Enhancement Plan Design Group, Louisiana Blvd Interchange Design Group.

Outside
Taught for 3 weeks with the UNM School of Architecture and Planning International Studies Program in Lugano, Switzerland.

William S. Perkins, ASLA, Lecturer
Professional Work
Bataan Park
Completed work on the design and establishment of a memorial to U.S. Army veterans who served in the Philippines before and during WWII, specifically the veterans of the 200th and the 515th Coast Artillery Units. The memorial was dedicated at Bataan Memorial Park in Albuquerque on April 9, 2002. The challenge of this project was to create a dignified memorial that would honor these veterans, yet to do so in a manner that would respect the concerns of neighbors who cared passionately about the character of the neighborhood park. The project also entailed balancing the concerns of the State Historic Preservation Office, given the recent listing of the park on the New Mexico State Historic Register, and doing so in a manner that met Park Management Division guidelines for maintenance of the park.

School of Architecture and Planning
Institute for Environmental Education
Annual Report: July 1, 2001 - June 30, 2002
Submitted by: Anne Taylor, Director IEE

The following tasks pertaining to IEE goals were accomplished (some are ongoing during the last three months and will continue).

Fund Raising

- A total of $1700 (with matching funds) in contributions was received.
- Honorarium grant awarded from the Santa Fe Indian School: $5000
- Approximately $12,000 was raised toward the IEE Endowment.
-

Advisory Board and "Fellows of the Institute of Environmental Education"

Advisory Board members for the *Institute of Environmental Education* include:
George Anselevicius
H. Barker
Steve Borbas
Charlene Brown
Joe Craig
Mannie Juarez
Van Gilbert
Garrett Smith
Julie Stoffler
Don Tishman

Fellows of the *Institute of Environmental Education* include:
Earl Mark Professor, University of Va. School of Arch.
Matt Pacheco Builder, Teacher
Julie Stoffler, Teacher, Design Studio, Harrison Middle School
Mannie Juarez, Architect
Sephen Heil, Arts Educataor, Rehobeth
Atsuko Sakai Architect, Washington, D.C.
Sanjey Kadu, Architect
Pam Martin, Ecologist

Design Academy

Thirty students ages 6 to 16 participated in the *Summer 2002 Design Academy*. Director Stephen Heil of Rehobeth was assisted by School of Architecture and Planning graduate student Tom Vliet.

Proposal: Center for Research on School Facility Planning and Legislative Education School Committee. (December and January)

Professor Anne Taylor and Ifan Payne, Lecturer, traveled several times to Santa Fe to meet with various legislative committees to propose the *Center for Research on School Facility Planning.*

Phoenix Trip to CEFPI Feb. 2002

Prof. Anne Taylor met with CEFPI staff to discuss their latest work on school facility planning. This meeting resulted in an invitation to speak at the 2003 CERPI conference.

Design Education Classes Scheduled

1. Explora Museum – March 25-29 – Held at the museum - Instructor, architecture student Merv Marquez.

2. Recreation Department Class - June 3-7 – at the School of Architecture and Planning Vassar studio – Instructor, Graduate Student, Tom Vliet

3. Teacher Design Education Workshop - June 24-29 –School of Architecture and Planning Vassar Studio with Amy Atkins – Professor - Prof. Anne Taylor and Julie Stoffler, an art teacher from Harrison Middle School.

4. Design Academy for Youth – July 8-19 – Teacher Steve Heil (and others as needed).

Design Class Proposed

Mannie Juarez, Lecturer, and Prof. Taylor developed a class for high school students to be taught by Manny in the Fall of 2002.

Santa Fe Indian School - SFIS

Five architecture students travel weekly to the Santa Fe Indian School to teach basic architecture design and model making.

School of Architecture and Planning
Resource Center for Raza Planning
Annual Report: July 1, 2001 - June 30, 2002
Submitted by: Teresa Córdova, Director

This report highlights two major projects: the South Valley Economic Development Center and the Site Design for the Sanchez Farm and ends with a brief statement of current work.

The work of the *Resource Center for Raza Planning* continues to be successful towards the development of the South Valley Economic Development Center, which will include a small business incubator and commercial kitchen. Our work is an excellent model of a university assisting a community-based organization in reaching its stated economic development goals. Our university/community-based partnership contributes to the overall community and economic development of the Isleta/Bridge Corridor including economic and infrastructure projects. University students from the community are involved in this partnership as are community members, engineers, and landscape architecture and planning professors.

The HUD HSAIC grant has enabled the University to be an excellent resource for the South Valley community and has been instrumental towards the institutionalization of this relationship. Each entity affiliated with the grant has built its capacity and its effectiveness due to the HSIAC grant.

Through this grant, we are achieving the following three goals.

1. To produce a series of community and economic assessments and analyses that will advance the completion of construction and program implementation of the small business incubator

2. To further develop and implement programs related to the operation of the business incubator including job generation and business assistance

3. To acquire the remaining resources necessary to complete the construction of the small business incubator.

Our successes in the last year match these goals. Our primary achievement is the successful raising of funds for Phase I construction of the incubator, ensuring that the dream of the SVEDC is a reality. Other categories of our work include administrative; bureaucratic and political (e.g. building a relationship with Bernalillo County); strengthening community participation, conducting community and economic assessments; program development; and promoting community based economic development.

Our successes are consistent with our goals. Our achievements in this reporting period include increased administrative efficiency, improved data base, reinforced and ongoing relationships with government agencies and community members, creative program and project development, stronger community participation in community and economic development, assured funding for

Phase I construction, progress in construction documents by the architect, and requests for funding for the operations of the small business incubator and commercial kitchen.

In another project related to the Isleta Bridge Corridor, RCRP's HSIAC staff partnered with the Director of the Landscape Architecture Program, Prof. Alf Simon, and two of his students, to produce site designs for public space in the South Valley. As part of the Isleta Boulevard Improvement Project, a drainage system will be built for flood control. The issue was how to design flood control while enhancing the community.

The first phase included *research and analytical assessment* of background information including the drainage system and requirements, county land use requirements, and the specifics of the sites themselves. The second phase was the *design process* that began with a visioning session with community members. Over a period of several weeks, the Design Team produced preliminary site plans and then held another community workshop to review designs. The team then refined designs based on community input. The team of planners and landscape architects prepared a document that is being used by Bernalillo County Public Works and AMAFCA in their design of landscape and flood control on the public sites.

Our contribution was to facilitate a conversation between residents and engineers and to reflect that conversation back to them through design. The cooperative effort included us from the University, engineers from county government and regional authorities, and of course residents of the South Valley, in particular neighbors of the affected sites. Through the coming together of these parties, we have nearly guaranteed that these ideas and designs will become the basis for constructing neighborhood amenities while still meeting engineering needs.

This project was yet another example of how the university based HSIAC staff involved community in the development of ideas and priorities. The engineers will apply the ideas that came from this process as they proceed with the development of these sites. Throughout the design phase we have maintained our involvement with how the road would be designed and developed. The road development can either positively or negatively impact the economic activities and character of the corridor. Our involvement contributed to the efforts for positive impacts. The project results are available in a very impressive document.

Currently, RCRP is continuing its work for the SVEDC through extensive community assessments that will be the basis for program development, which will occupy us next semester. We continue to receive additional contracts related to South Valley infrastructure including the public participation process for a water system in the far South Valley, public awareness of the Isleta Boulevard Construction Project, and follow up with the Sanchez Farm. RCRP also successfully was awarded a HUD grant to recruit minority students to the field of planning, another example of our work in recruiting students to the School of Architecture and Planning.

School of Architecture and Planning
Design and Planning Assistance Center (DPAC)
Annual Report: July 1, 2001 - June 30, 2002
Submitted by: Mark Childs, Director

Professor Richard Nordhaus retired at the end of 2001 and Assistant Professor Mark C. Childs became Director of DPAC in 2002.

During the spring and summer of 2002, the Center has:

1. Engaged in the following studio projects.
   - Spring 4 week project: Through a $2000 contract with the State of New Mexico Main Street Program, the studio did very well and received work for the main street of Artesia.
   - Spring 4 week project: Through a $860 contract with the City of Albuquerque, the studio conducted an urban design visioning exercise for the community in the vicinity of Carlisle and Thaxton. George Radnovich, principle of Sites Southwest, and Joe Brawley, principle of Brawley Design, assisted in running a two-day charrette as part of this project.
   - Spring 12 week project: Prof. Paul Lusk led a portion of the studio in investigating the redesign of the district surrounding Lomas Boulevard as it intersects the University campus.

2. Established an endowment fund to support the operations of DPAC ($13,000).

3. Applied for a grant from the *Albuquerque Community Foundation* ($5000), engaged *Fannie Mae* in discussions about support for DPAC activities, and provided information for the Legislature's consideration of a bill providing funds to DPAC.

4. Proposed the establishment of a DPAC Scholars program.

5. Actively engaged the press in covering the activities of DPAC. Articles appeared in the *Albuquerque Journal* (Feb. 26, 2002) and the Artesia News (Feb. 2002)

6. Established a reputation amongst architecture students that DPAC studios will be rigorous and of critical value.

UNIVERSITY OF NEW MEXICO ART MUSEUM

Annual Report

2001-2002

Linda Bahm, Interim Director

November 25, 2002

1. Significant Developments

A major event in the Museum's history occurred on July 30, 2001, when Peter Walch retired after sixteen years as director. His tenure was marked by a number of advances for the institution, among them: the growth of the collection, particularly in the areas of photography, Latin American art, Italian Old Master paintings, French oil sketches, and American abstract art; the establishment of an endowment for educational programming; funding from a private foundation for a paper conservation program and laboratory; a digitized database for collections information and images; the inception of a multi-disciplinary museum studies program; and the inauguration of the UNM Museum Directors Consortium. He left the Museum in a strong position with a first-rate professional staff and a solid financial base.

Walch's departure marks a pivotal moment in the Museum's development. Poised on the brink of a massive $825,000 renovation to install a climate control system (HVAC) for the museum spaces and with the search for a permanent director scheduled for after June 30, 2002, Interim Director Linda Bahm and the rest of the staff embarked on a strategic planning effort which identified several areas for development during the next four years, specifically, improved facilities; collection management including deaccessioning, a conservation/preservation plan, and database development; accreditation by the American Association of Museums; full integration of the newly-acquired Jonson Gallery as a vital and unique part of the greater Museum; and a concerted development plan including public relations, donor development, and grant seeking.

To date, progress has been made in each of these areas. In April, the collections were moved to off-site storage at the National Hispanic Cultural Center in preparation for the HVAC project which began in June 2002. Concurrently, planning began for possible renovation of several Museum areas— the shop, the galleries including lighting systems, the exhibition workshop, the Museum's entry facade, and the painting and sculpture collections storage areas.

The Museum's new full-time conservator, Laura Downey, working with Conservation Technician Kate Guscott, began work on conservation and preservation plans, priorities, and treatment. Collections Manager Bonnie Verardo began a list of works that are obvious candidates to be considered for removal from the permanent collection according to the Museum's Regent-approved Deaccessioning Policy. Work progressed on entering digitized images into the Museum's collections management database; to date, all 19th century photographs have been entered into the database.

Negotiations concerning the future of the Jonson Gallery consumed much time and thought. After lengthy discussions, Provost Brian Foster determined that University support of the Gallery will continue at its present level of $17,662, but UNM will not fund the annual shortfall of $19,000. The Gallery and Museum are committed to raising funds over the next two years to cover this shortfall as well as to fund other programs and goals. After June 30, 2004, the situation will be reviewed to determine subsequent actions. If fundraising is successful, it is hoped that the University will forgive at least part of the Jonson debt, freeing much-needed funds for future operations. Plans were made to locate and interview local independent fundraisers to help with the Jonson's short-term need to raise $50,000 over two years. Meanwhile, the Jonson is actively soliciting long-term outside funding and continues to build its base of supporters. Jonson programming, under the direction of Jonson Curator Robert Ware, continues to grow in public appeal, with an increase of 37% in visitors to the Gallery over the previous fiscal year.

Planning and implementation of the HVAC project— funded by a $365,408 grant from the National Endowment for the Humanities and matching funds from the University— was the year's major concern. Senior staff were actively involved in final project design, aided by the Museum's outside environmental systems consultant William Lull of Garrison/Lull, Inc., Princeton, NJ. Collections Manager Bonnie Verardo, working with Exhibitions Curator Lee Savary and aided by Curatorial Assistant Tyler Anderson, planned and managed the packing and movement of over 30,000 fragile works of art. Ursula Mines, Shop Manager, and Kelvin Beliele, the Museum's Administrative Assistant, dealt with staff and physical plant issues, including relocating the half of the staff who were displaced during the project, and with security and telecommunications changes. Before construction could begin, the Museum staff undertook extensive clearing of museum spaces and protecting of materials and equipment that had to remain in those spaces. It

was a highly labor- and thought-intensive period; the safe and efficient manner in which all these tasks were accomplished attests to the thoughtful planning, creativity, flexibility, and hard work of all of the staff.

Major exhibitions of note at the Museum this year were two traveling exhibitions-- An *Eye for the City*, photographs by contemporary Italian photographers looking at urban landscapes, and *Innovation/Imagination: 50 years of Polaroid Photography*, which included work by a number of renowned artists including Robert Rauschenberg, Andy Warhol, David Hockney, Robert Mapplethorpe, and Lucas Samaras. These exhibitions were adapted for our spaces by Kathleen Howe, Curator of Prints and Photographs, who curated a number of other excellent exhibitions including the critically acclaimed *Pain: The 5th Vital Sign*, in conjunction with UNM Medical School's Dr. David Bennahum. The Museum's major exhibition *Abstraction* was held over into spring semester to accommodate tours of school groups facilitated by Art in the School, Inc., volunteers working with Museum Educator Michael Certo, who also trained and scheduled docents for family tours during the Museum's special Saturday open hours.

The Jonson Gallery presented several exhibitions of work by UNM Art Department students, as well as well-attended exhibitions of work by Vera Sprunt (*Whole*) and Pamela Joseph's *Sideshow of the Absurd*. The Gallery, after being recommended for nomination by the UNM Historic Preservation Committee in August 2001, was approved in November 2001 for listing on the New Mexico Register of Cultural Properties, and in February 2002, for listing on the National Register of Historic Places.

Development of the University's Museum Studies program was another important project for the Museum. Interim Director Linda Bahm served on the Museum Studies committee which developed curriculum and philosophy for this interdisciplinary program. Museum "Tuesday Talks" by Downey and Guscott supported the initiative by offering information about museum conservation and preservation for students and the general public.

The collections at the Museum were enhanced by significant gifts of objects, and by funds directed for art purchases. Gifts to the Museum's stellar collection of photographs ranged from examples of the earliest form of photographic practice to contemporary work by New Mexican photographers. Collectors continued to assist us in addressing the under-representation in our collection of paintings and prints by contemporary New Mexican and Native American artists.

Upon the death of Clinton Adams (former dean of the College of Fine Arts and director of the UNM Art Museum) on May 13, 2002, a gift of twenty-four paintings by Adams joined the collection of his printed works to form the Clinton Adams Archive. A generous memorial fund has been established in support of this collection and of research and other programs at the Museum.

2. Plans and Recommendations

As we have reported before, the need for a better, larger facility continues to grow, fueled in part by the necessary growth of our collections. The HVAC project would seem to be an implicit endorsement of the University's long-range plan for the Museum to improve and expand our current facility, rather than to plan on building a new facility at a different site. The only practical way to remain in the Center for the Arts and to grow is to move into the Fine Arts Library spaces above us. Additionally, we need the space B-125, which will be vacated by Media Arts in 2003, to relocate functions displaced by the HVAC project. UNM Facility Planning and the College of Fine Arts are aware of these issues.

We face the continuing problem of finding adequate funding for the Jonson Gallery, and for Art Museum programs including acquisitions, internships, and a new gallery lighting system (to replace a system that is harmful to works on exhibition as well as so antiquated and "rigged" that broken fixtures cannot be replaced). We plan to hire an independent fundraising consultant to help us find funding for these needs and to build a sound base of donors, patrons, and friends. This initiative will be linked to a Museum effort to better communicate with our audiences about Museum programs and needs.

The role of the Jonson Gallery as a program of the Museum is being actively developed. Next steps are the unification of the Museum and Jonson mailing list databases, and a collections management plan for the long-neglected Jonson collections, to deal with issues of storage, conservation/preservation, security, database management, and deaccessioning issues. The Gallery will continue its program of increased collaboration with the Department of Art and Art History, increased public programming, and involvement with the Museum Studies program.

The Museum will develop its role within the Museum Studies Program. Almost all of our applications for project funding include a request for internship funding. Innovative museum studies courses closely related to our collections are under development. All senior staff have been asked to consider classes they might want to present. Public program series are developed with museum studies topics in mind: for Spring 2003, we plan several programs dealing with conservation issues and with curatorial practices as they relate to the planned *Highlights of the Collections* exhibition.

Finally, it is a priority for the Museum to become accredited by the American Association of Museums, if it is to be an effective partner in the Museum Studies Program. While institutions with interim directors cannot apply for accreditation, we can carry out the self-study and prepare the documents necessary for application when a permanent director is appointed. In preparation for accreditation, we will apply for an AAM governance survey.

3. Staff Appointments

Laura Downey	December 3, 2001

4. Staff Separations

Mark Cattanach, Collection Manager	September 27, 1999– October 19, 2001
Peter S. Walch, Director	July 1, 1985– July 31, 2001

5. Achievements/Products
A. Exhibitions

University Art Museum

Upper Gallery

2001

Jun. 26—Sept. 16 — *Van Deren Coke: Scholar as Collector*
Curator: Kathleen Howe

Oct. 09—Dec. 21 — *An Eye for the City*
Curators: Kathleen Howe and Antonella Russo

2002

Jan 15—Apr. 14 — *Innovation/Imagination: 50 Years of Polaroid Photography*
Curator: Kathleen Howe

West Gallery

2001

Jun. 26—Sept. 16 — *Route 66: Panoramic Photographs by Gus Foster*
Curator: Kathleen Howe

Oct. 16—Dec. 16 — *Historiostomy: Repurposing Photographic Content*
Curator: Kathleen Howe

2002

Jan 15—Apr. 14 — *Innovation/Imagination: 50 Years of Polaroid Photography*
Curator: Kathleen Howe

Van Deren Coke Galley

2001

Jun. 26—Sept. 16 — *Route 66: Panoramic Photographs by Gus Foster*
Curator: Kathleen Howe

Oct. 16—Dec. 9 — *Pain: The 5th Vital Sign*
Curator: Kathleen Howe

2002

Jan. 15— Apr. 14 — *Polaroid: The New Mexico Connection*
Curator: Kathleen Howe

Study Gallery

2001

May. 29— Aug. 5 — *Route 66*
Curator: Kathleen Howe

Aug. 17—Oct. 7 — *Bruce Warren Davis: Architect as Collector*
Curator: Lee Savary

Oct. 9— Dec. 16 — *Dmitri Baltermants: Photographer before Glasnost*
Curators: Kathleen Howe and Tyler Anderson

2002

Jan. 21—Apr. 14 — *By Popular Demand*
Curator: Kathleen Howe

Lower Gallery	
2001	*Abstraction*
Mar. 20—Apr. 14, 2002	Curator: Peter Walch
Jonson Gallery	
2001	*Space Odysseys 2001*
May 25—Aug. 17	Curator: Robert Ware
May 25—Aug. 17	*James Ware Pitts: Photographs Along Route 66*
	Curator: Robert Ware
Aug. 28—Sep. 21	*New Graduate Student Exhibition*
	Curator: Robert Ware
Aug. 28—Oct. 26	*Paul Ré: Shaping Serenity*
	Curator: Robert Ware
Aug. 28—Oct. 26	*Lily Michaud*
	Curator: Robert Ware
Oct 1— Oct. 29	*The Irish Renaissance*
	Curator: Robert Ware
Nov. 13— Jan. 11, 2002	*Pamela Joseph: Sideshow of the Absurd*
	Curator: Robert Ware
2002	
Jan. 22—Mar. 8	*Vera Sprunt: Whole*
	Curator: Robert Ware
Mar 26—May 10	*Dennis DeHart: Burn*
	Curator: Robert Ware
Mar 26—May 10	*Eighth Annual Graduate Student Exhibition*
	Curator: Robert Ware

B. Print Seminar Room

The Print Seminar Room serves as an academic resource, supporting classes offered through UNM's College of Fine Arts, College of Arts and Sciences, and Honors College; Albuquerque middle and secondary schools, and regional colleges and universities. Despite closing the Print Seminar Room on March 28, 2002, six weeks earlier than usual, the PSR recorded 829 visitors and 62 class visits. Classes using the Print Seminar Room include: art studio classes in photography, drawing, printmaking, and painting; art history classes; Freshman Honors Seminars; American Studies, and Cultural Studies, and Tamarind master printer program.

Non-UNM visitors to the Print Study Room included a museum studies class from New Mexico State University, graduate students in photography from regional universities (program organized in conjunction with the UNM photo graduate program), photography students from the College of Santa Fe, and students from Albuquerque High, Eldorado High, and John Adams Middle School. Researchers from the Houston Museum of Fine Arts, the National Hispanic Cultural Center, and the Museum of Fine Art of the Museum of New Mexico utilized the resources of the Print Seminar Room.

C. Programs, Receptions, and Other Events

The total number of visitors to the UNM Art Museum and its Jonson Gallery was 39,241, a decrease of 5,133 (12%) from FY 2000-01 attendance of 44,374. This general attendance decrease seems to be directly related to the early closure of the Art Museum on April 14, 2002, which cut the actual "hours open to the public" by 12% this year.

- Total general attendance to the Art Museum was 36,620, a decrease of 5,779 (14%) from last year's attendance of 42,399.
- Total general attendance to the Jonson Gallery was 2,719, an increase of 38% from last year's attendance of 1,975.

Attendance, outlined below, is broken up into several categories: public and private school tours, UNM class tours, community organizations tours, and finally, Tuesday Talks, Events, and Opening Reception attendance.

UNM Art Museum

Museum attendance was strongest for educational programs and tours this year, mostly as a result of the successful *Abstraction* Educational Project. The average attendance at exhibition-related Tuesday Talks and opening receptions was lower than in previous years, most likely attributable to the drastic reduction in exhibition-related programs this year (29 rather than last year's 50 events).

- Even with the fewer hours open to the public, and dramatically fewer public programs, the combined tours, public programs, and special events attendance increased by 16%, largely due to the rise in tours in conjunction with the Museum's *Abstraction* Project.
- The number of school and community tours almost doubled– from 80 last year to 156 this year– resulting in an increase of 2,198 actual visitors toured, a 14% increase from last year.

	FY 2001-02	FY 2000-01	% Change
General	31,182	37,694	-17%
Private and public school tours	2,858	1,462	+95%
University class tours	71	175	-59%
Community organizations tours	916	114	+704%
Tuesday Talks, Museum Events, Opening Receptions	1,593	2,954	-46%
TOTAL:	36,620	42,399	-14%

JULY 2001		NUMBER ATTENDED
3	Sunset Mesa Elem. Tour	18
5	Annunciation Tour	10
6	Martineztown Community Center	13
10	Socorro Elem. Tour	14
12	Art Center Tour	8
12	Lowell Elem. Tour	17
17	Alvarado Elem. Tour	11
18	YMCA Tour	8
18	Madison M.S. Tour	25
25	Cesar Chavez Elem. Tour	9

AUGUST 2001		
15	Aztec Elem. Tour	17
28	Albuq. High School Photo Class Tour	17
28	Espanola M.S. Tour	15
28	Tuesday Talk- Van Deren Coke: Scholar as Collector	61
29	Truman M.S. Tour	14

SEPTEMBER 2001

4	UNM Class- Drawing II	16
8	Saturday Docent Tours– Abstraction	47
13	Santa Fe Community College Tour	7
15	Saturday Docent Tours– Abstraction	51
18	School Tour- Cleveland M.S.	32
18	Tuesday Talk- Bruce Davis	41
20	Albuq. Academy Tour	15
22	Saturday Docent Tours– Abstraction	47
25	Navajo Elem. Tour	25
25	Navajo Elem. Tour (2)	25
26	Cultural Studies Colloquium (CSC) Noon	31
29	Saturday Docent Tours– Abstraction	57

OCTOBER 2001

2	UNM Class Tour	10
3	UNM Class Tour	12
4	La Mesa Elem. Tour	10
6	Saturday Docent Tours– Abstraction	27
9	Bandelier Elem. Tour	44
9	Tuesday Talk- Historiostomy: Jim Stone	45
12	Longfellow Elem. Tour	15
12	Opening Reception– An Eye for the City	50
13	Saturday Docent Tours– Abstraction	76
16	UNM Class Tour	8
16	Tuesday Talk	81
17	Cleveland M.S. Tour	13
19	Sandia Prep Tour	13
19	Sandia Prep Tour (2)	10
20	Saturday Docent Tours– Abstraction	75
23	Las Vegas M.S. Tour	25
23	Alvarado Elem. Tour	12
25	Eisenhower M.S. Tour	38
25	Eisenhower M.S. Tour (2)	15
25	CSC Noon	11
26	Manzano Day School Tour	24
27	Saturday Docent Tours– Abstraction	20
30	Jefferson M.S. Tour	15
30	Jefferson M.S. Tour (2)	25
30	Jefferson M.S. Tour (3)	25
31	Mtn View Elem. Tour	15
31	Bandelier Elem. Tour	40

NOVEMBER 2001

1	Albuq. Country Day School Tour	11
1	Kennedy M.S. Tour	28
1	Kennedy M.S. Tour (2)	25
2	Gallup H.S. Tour	20
2	Opening Reception	44
3	Saturday Docent Tours– Abstraction	29
6	School Tour– Aztec Elem.	30
6	Tuesday Talk– Baltermants	37
8	Highland H.S. Tour	18
8	Highland H.S. Tour (2)	14
9	La Luz Elem. Tour	31
9	La Luz Elem. Tour (2)	24

9	La Luz Elem. Tour (3)	31
10	Saturday Docent Tours– Abstraction	31
13	Belen Elem. Tour	22
13	Annunciation School Tour	20
13	Ramah Elem. School Tour	20
13	Tuesday Talk- Pain	90
14	Monte Vista Elem. Tour	15
15	Bandelier Elem. Tour	12
15	Bandelier Elem. Tour	29
15	Bandelier Elem. Tour	13
15	Bandelier Elem. Tour	20
16	Ruidoso Elem. Tour	19
17	Saturday Docent Tours– Abstraction	22
20	Eldorado H.S. Tour	30
20	Eldorado H.S. Tour	13
21	UNM Class Tour	5
21	UNM Class Tour	7
24	Saturday Docent Tours– Abstraction	26
27	Tuesday Talk– Abstraction	28
28	Gallup M.S. Tour	45
28	Gallup M.S. Tour	51
28	Pope M.S. Tour	33
28	Pope M.S. Tour	14
29	Lowell Elem. Tour	30
29	Lowell Elem. Tour	32
29	Lowell Elem. Tour	19
30	Cesar Chavez Elem. Tour	43
30	Las Cruces H.S. Tour	20
30	Las Cruces H.S. Tour	25
30	Las Cruces H.S. Tour	25

DECEMBER 2001

1	Saturday Docent Tours– Abstraction	18
6	Penasco M.S. Tour	23
6	Penasco M.S. Tour (2)	15
7	McKinley M.S. Tour	30
8	Saturday Docent Tours– Abstraction	19
11	Madison M.S. Tour	40
11	Madison M.S. Tour	36
11	Madison M.S. Tour	28
13	Rio Rancho H.S. Tour	38
15	Saturday Docent Tours– Abstraction	28

JANUARY 2002

5	Saturday Docent Tours– Abstraction	9
12	Saturday Docent Tours– Abstraction	19
14	Manzano Day School Tour	10
19	Saturday Docent Tours– Abstraction	36
23	Cesar Chavez Elem. Tour	19
25	Annunciation School Tour	12
26	Saturday Docent Tours– Abstraction	25
29	Rio Grande H.S. Tour	52
29	Rio Grande H.S. Tour (2)	46
30	Pope M.S. Tour	70
30	Canyoncito H.S. (Navajo Nation) Tour	11
31	Tuesday Talk: Artist's Forum	11

FEBRUARY 2002

1	Opening Reception– Innovation/ Imagination	211
2	Saturday Docent Tours– Abstraction	27
4	Ladera Elem. (2) Tour	54
6	Adobe Acres Elem. Tour	12
9	Saturday Docent Tours– Abstraction	13
12	Montezuma Elem. Tour	15
12	Tuesday Talk- Polaroid Panel Discussion	104
14	Kirtland Elem. Tour	18
14	Kirtland Elem. Tour (2)	11
15	UNM Class Tour	7
16	Saturday Docent Tours– Abstraction	24
19	Pajarito Elem. Tour	18
19	Eugene Field Elem. Tour	40
19	Eugene Field Elem. Tour (2)	22
19	Zuni Elem. Tour	14
19	Zuni Elem. Tour (2)	28
19	Tuesday Talk- Artists' Panel, Alternative Processes Photo	63
20	Sierra Vista Elem.	14
20	Sierra Vista Elem. (2)	13
20	CSC Noon	18
21	Washington M.S. Tour	34
23	Saturday Docent Tours– Abstraction	15
26	Inez Elem. Tour	43
26	Tuesday Talk– Barbara Kasten	70
27	Freedom H.S. Tour	12
27	CSC Noon	5
28	Mt. Kids Child Care Tour	12
28	Catherine Gallegos Elem. Tour	20
28	Catherine Gallegos Elem. Tour	24
28	CSC Noon	25

MARCH 2002

2	Saturday Docent Tours– Abstraction	27
5	Belen Elem. Tour	27
5	Tuesday Talk– Vera Sprunt	147
6	School Tour– Socorro Elem.	50
6	Del Norte H.S. Tour	28
6	Del Norte H.S. Tour	25
6	CSC Noon	14
9	Saturday Docent Tours– Abstraction	16
15	Lew Wallace Elem. Tour	20
15	Lew Wallace Elem. Tour (2)	12
15	Longfellow Elem. Tour	25
15	Longfellow Elem. Tour (2)	15
15	Longfellow Elem. Tour (3)	25
16	Saturday Docent Tours– Abstraction	19
19	Kit Carson Elem. Tour	12
19	Kit Carson Elem. Tour (2)	13
19	Tuesday Talk- Kirsten Buick– By Popular Demand	69
20	Eubank Elem. Tour	23
20	Eubank Elem. Tour (2)	14
20	Enchanted Hills Elem. Tour	15
20	Enchanted Hills Elem. Tour (2)	18
20	Enchanted Hills Elem. Tour (3)	12

20	CSC Noon	17
21	Hubert Humphrey M.S. Tour	30
21	Hubert Humphrey M.S. Tour (2)	12
21	Hayes M.S. Tour	22
21	Hayes M.S. Tour (2)	20
21	Sandia H.S. Tour	50
23	Saturday Docent Tours– Abstraction	17
25	CFA Reception	8
26	La Petite Academy Tour	15
26	Tuesday Talk- Museum Practices	53
27	UNM Class Tour	6
27	CSC Noon	22
28	Hogares Tour	15
30	Saturday Docent Tours– Abstraction	22

APRIL 2002

2	Reginald Chavez Elem. Tour	25
3	CSC Noon	35
4	Lavaland Elem. Tour	30
6	Saturday Docent Tours– Abstraction	16
9	Gallup M.S. Tour	45
9	Gallup M.S. Tour (2)	20
9	Tuesday Talk- Museum Practices/ Conservation	38
10	CSC Noon	57
12	Las Vegas M.S. Tour	29
13	Saturday Docent Tours– Abstraction	14

***MUSEUM CLOSED BEGINNING APRIL 14th, 2002, FOR HVAC RENOVATION PROJECT**

Jonson Gallery

	FY 2001-02	FY 2000-01	% Change
General	1,144	1,181	-3%
Private and public school tours	253	79	+220%
University class tours	195	126	+54%
Tuesday Talks, Museum Events, Opening Receptions	1,127	589	+91%
TOTAL:	2,719	1,97	+38%

		NUMBER ATTENDED
JULY 2001		
18	UNM Architectural Walking Tour	17
AUGUST 2001		
15	UNM Architectural Walking Tour	11
31	New Grads, Lily Michaud, Paul Ré	126
SEPTEMBER 2001		
4	UNM Painting	18
4	Lily Michaud	23
6	UNM Painting	15
	UNM Drawing	10
20	UNM Photo	19
24	UNM Photo	8
OCTOBER 2001		
1	Irish Renaissance	68
2	Suzanne Newman-Fricke	35
15	Irish Renaissance	45
19	Cal Tech Alumni Association reception for Paul Ré	23
25	Irish Ren. Noon Panel	9
29	Irish Renaissance	52
NOVEMBER 2001		
16	Pamela Joseph "Sideshow	88
DECEMBER 2001		
4	Pamela Joseph	18
JANUARY 2002		
25	Vera Sprunt "Whole"	86
29	Bandelier Elememtary	40
FEBRUARY 2002		
5	UNM Seminar Women in Art	10
5	Vera Sprunt	69
7	Eastgate Senior Center	7
20	UNM Painting	15
20	UNM painting	12
MARCH 2002		
4	Deborah Sonnenstrahl reception	18
5	Deborah Sonnenstrahl 180 (Presented at UAM)	35
6	Eldorado H.S.	12
7	UNM 2-D	13
21	Poets & Writers:	14
29	Annual Juried Grad show and Dennis DeHart "Burn"	115

APRIL 2002		
1	UNM Photo	15
2	Todd Anderson	30
3	Poets & Writers	14
3	UNM Photo	15
3	UNM 2-D	11
4	UNM Drawing	11
11	Dennis DeHart	22
15	Friends of Art	9
16	Marilee Salvator	32
19	Adamsom Academy	32
23	Juired Grad Panel Discussion I	21
26	Our Lady of Fatima School	52
27	UNM museum studies class	15
30	Juired Grad Panel Discussion II	22
MAY 2002		
3	UNM Architectural Walking Tour	13
JUNE 2002		
11	Upward Bound	7
17	Mimbres School	10
19	The Art Center	23
20	The Art Center	2

D. Publications

UNM Art Museum

Catalogs and Gallery Guides:

Abstraction teachers' binder
Abstraction family guide (bi-lingual)

Jonson Gallery

8th Annual Graduate Student Catalog
Text by Robert Ware
24 pp. one color and 18 b/w illustrations

E. Museum Shop

The Museum Shop made a $2,562 inventory adjustment at the end of the year. This was larger than last years inventory adjustment, $1,890, due to the planned reduction of inventory in response to the HVAC project. The Booklog ledger, FRS, and store ledger all balanced nicely. There were no discrepancies.

Total costs for fiscal year 2001-2002, $24,388, left the store with a very modest profit of $1,007. One of the expenses was an acquisition charge for $700. Without that charge, the store was $1,707 in the black. This is up from last year's $1,464 profit, and the shop was even able to invest $2,176 in various computer upgrades.

F. Friends of Art

Activities:

Appraisal Days, with Butterfields of California, September 28 and 29, 2001
Spring 2001 film series, Feb. 25–March 11, 2002
The Mystery of Picasso
A Day on the Grand Canal with the Emper of of China
Jackson Pollock
Maya Lin: A Strong Clear Vision
Annual Meeting and Dinner at the UNM Art Museum, Wednesday, May 1, 2002

Donations to the UNM Art Museum collection:

Zig Jackson *Two Moons Stoic/Two Moons Laughing; Busby, Montana*, 1991 (printed c.2000), Gelatin silver print
Oscar Lozoya, *Dia de los Muertos*, 1994 (printed 1995),Gelatin silver print
Delilah Montoya, *Diego*, 1998, Chromogenic print

Awards given:

Art History: Suzanne Newman-Fricke
Art Studio: Myra Greene

Board 2001–2002

Rebecca Neri Zagal, President
Cindy Foster, Vice President
Mary Lance, Secretary
Marian Rodee, Treasurer
Ellin Hewes
Christina Fenton
Sharon Bruce
Sheilah Garcia
Barbara Witemeyer
Becky Brown
Katherine Pomonis
Malu Gawthrop Cooper

6.Outside Sponsored Research and Collections Development

UNM Art Museum

Funding agent: Stockman Family Foundation Trust
Title: Art Restoration and Conservation
Dates: July 1, 2001–June 30, 2002
Amount: $80,000
Project Director: Peter Walch/Linda Bahm

Funding Agent: Michael Mattis
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $74,000
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: Fernando Barnuevo
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $280,000
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: Sarit L. Rozycki
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $105,000
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: Herbert Hochberg
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $15,000
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: James L. Hughes
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $40,000
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: Donald Lappé
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $23,500
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: Monica Half
Title: Photography Acquisitions
Dates: July 1, 2001–June 30, 2002
Amount: $5,000
Project Director: Linda Bahm/Kathleen Howe

Funding Agent: National Endowment for the Humanities
Title: Environmental Control System Upgrade for the UNM Art Museum
Dates: May 1, 2001–April 30, 2003
Amount: $365,408
Project Director: Peter Walch/Linda Bahm

Funding Agent: McCune Charitable Foundation
Title: Collaborative Teaching Unit on Twentieth Century Art
Dates: June 1, 2000–December 2001
Amount: $10,000
Project Director: Peter Walch/Linda Bahm

Funding Agent: Institute of Museum and Library Services
Title: General Operating Support
Dates: October 1, 2000–September 30, 2002
Amount: $112,500
Project Director: Peter Walch/Linda Bahm

Funding Agent: City of Albuquerque, Urban Enhancement Fund
Title: Special Teaching Unit of 20th Century Art
Dates: July 1, 2001–June 30, 2002
Amount: $12,000
Project Director: Peter Walch/Linda Bahm

Jonson Gallery

Funding Agent: Institute of Museum and Library Services
Title: Conservation Assessment Program
Dates: April 16, 2001–April 15, 2002
Amount: $480
Project Director: Robert Ware

Funding Agent: New Mexico Endowment for the Humanities
Title: Arsuna: Teaching Art as One, 1938– 1942
Dates: November 17, 2001– September 30, 2002
Amount: $3640
Project Director: Robert Ware

Funding Agent: Ray Graham
Title: Arsuna Catalog
Dates: July 1, 2001– June 30, 2002
Amount: $7000
Project Director: Robert Ware

7. Professional Activities

Tyler Anderson
Professional Activities:
- Curator, *Dimitri Baltermants: Photographer before Glastnost*, University of New Mexico Art Museum, October 19– December 16, 2001
- Lecture, "The Photography and Propoganda of Dmitri Baltermants," November 6, 2001

Linda Bahm
- Member, UNM Dept. of Art/Art History Advisory Committee
- Member, UNM Campus Art in Public Places Committee
- Member, UNM Research Administrators Network
- Member, UNM Museum Studies Committee
- Membership Chair, New Mexico Association of Museums Board of Directors
- Member, Museum Cooperative Council of Albuquerque
- UNM Representative, Harwood Museum Advisory Board
- UNM Representative, Albuquerque Arts Alliance Sustainable Funding Iniative

Professional meetings and classes attended:
- ALI-ABA Legal Problems of Museum Administration seminar (scholarship), Los Angeles, March 20—22, 2002
- Museums and the Web annual meeting, Boston, April 17—20, 2002
- "Appreciative Inquiry," UNM Human Resources class, April 16, 2002

Kelvin Beliele
- Member, Modern Language Association
- Member, United States Association for Commonwealth Literature and Language Studies
- Member, UNM Graduate and Professional Student Association Council
- Historian/Secretary, UNM English Graduate Student Association

Professional meetings and classes attended:
- Conflict Management, July 24, 2001
- Queer Texts, August 20-December 7, 2001
- Nineteenth Century American Women Writers, August 20-December 7, 2001
- Modern Language Association Convention, New Orleans, Louisiana, December 27-30, 2001
- Victorian Novels, January 14-May 3, 2002
- Readings in Latin Literature, January 14-May 3, 2002
- Diversity: Celebrating Differences at UNM, February 22, 2002
- Proactive Techniques for Working with Your Boss, February 27, 2002
- Southwest Symposium, Albuquerque, NM, February 28-March 2, 2002
- Communicating in the Workplace, April 4, 2002
- Purchasing Card Training, April 9, 2002
- United States Association for Commonwealth Literature and Language Studies, National Conference, Santa Clara (CA) University, April 26-28, 2002
- Time Management, June 6 & 13, 2002

Michael Certo
- Member, Board Member of Albuquerque Contemporary Art Center [AC^2]
- Member, Albuquerque Arts Alliance
- Member, Artists' Awards Committee for Magnifico Festival of the Arts

Professional activities:
- Chief Curator, Albuquerque Contemporary Art Center, Downtown Albuquerque

Laura Downey

Professional Associate, American Institute for Conservation (AIC)
Member, Western Association for Art Conservation (WAAC)
Member, New Mexico Association of Museums (NMAM)

Professional meetings and classes attended:

American Institute of Conservation Annual Meeting, Miami FL, June 6-11, 2002
Art Hi 529, "Topics: Vernacular Photographies," seminar
Thesis hours at the University of Arizona towards completion of an MA degree in Art History (History of Photography)

Teaching:

E&PS 300/Art Hi 429, "Art Materials" lecture course team-taught with Dr. Susan Barger, Adjunct faculty in Earth and Planetary Sciences.

Professional Activities:

Instructed National Park Service staff from the Bandelier National Monument on the preservation and careof photographic materials and oversized rolled documents, April 23 2002
Consulting conservator for the Georgia O'Keeffe Museum regarding a photograph on loan from the Boston Museum of Fine Arts

Kathryn A. Guscott

Professional meetings and classes attended:

PhotoArts of Santa Fe 2001 Conference, July 10-2001
American Institute of Conservation Annual Meeting, Miami FL, June 6-11, 2002

Kathleen Stewart Howe

Co-chair Cultural Studies Committee
Adjunct Associate Professor, Department of Art and Art History
Member, Print Council of America
Member, American Association of Museums
Member, College Art Association
Member, Middle Eastern Studies Association
Member, Society for Photographic Education

Professional Activities:

Coordinator for the Cultural Studies Colloquium series

Cindy Leyba

Professional meetings and classes attended:

Proactive Principles for Working with Your Boss, November 7, 2001
Communicating in the Workplace, November 29, 2001
Staff Guide to Career Development, November 11, 2002
Performance Review for Staff, May 02, 2002
Resumes and Cover Letters, May 23, 2002
Staff Guide to Interviewing, June 19, 2002

Ursula Mines

Member, Museum Store Association

Professional meetings and classes attended:

Purchasing Card Training, September 11, 2001
Biology 121 and Lab, Fall 2001
Chemistry 121 and Lab, Fall 2001
Math 151, Fall 2001
Biology 122 and Lab, Spring 2002
Chemistry 122 and Lab, Spring 2002
UNM School of Medicine Pre-Med Day, April 6, 2002
UNM Hospital's Childlife Program, Volunteer, June 2002 to Present
Seven Habits of Highly Effective People, June 7, 14, and 21, 2002
WWW Fundraising, June 13, 2002

Lee Savary
Professional Activities:
Exhibition Designer for *Camen Lomas Garza*, National Hispanic Cultural Center of New Mexico, Albuquerque, New Mexico
Exhibition Designer for *Photographers, Writers, and the American Scene*, Museum of Photographic Arts, San Diego, California
Exhibit Consultant for Albuquerque Sunport, Albuquerque, New Mexico

Bonnie K. Verardo
Member, Public Art Program, City of Albuquerque, FUNd project
Member, New Mexico Association of Museums
Member, Mountain-Plains Museum Association, Registrars' Committee
Exhibiting Artist:
Southwest Arts Festival, Manuel Lujan Exhibition Building, State Fair, Albuquerque, New Mexico
Nina Bean Memorial Charity Art Exbitition/Sale, Fine Arts Gallery, State Fair, Albuquerque, New Mexico, May, 2002
Professional Activities:
Collections Management Specialist, National Hispanic Cultural Center of New Mexico, Visual Arts Department, independent contractor (total of 30 – 40 hours per month), July 2001
Selection committee, Public Art Program, City of Albuquerque, FUNd project at Washington Middle School and Albuquerque Convention Center

Robert "Chip" Ware
Member, American Association of Museums
Member, College Art Association
Member, Board of Directors, Stephen Thomas Museum and Archives, Madison, Georgia

Professional meetings and classes attended:
Southwest Art History Conference, Taos, October 17-18, 2001
Proposal and Grant Writing, Spring 2002

Professional Activities:
Selection Committee, New Mexico Arts, Acclaimed Artist Series, N.M. Office of Cultural Affairs November 2001-January 2002
Volunteer, Friends of Art Appraisal Day, Sept. 29, 2001
Board of Directors, Stephen Thomas Museum and Archives, Madison, Georgia

Appendices

A. Personnel

Permanent Staff:

Tyler R. Anderson, Curatorial Assistant	January 8, 1999
Linda Bahm, Associate Director	December 9, 1985
Kelvin Beliele, Administrative Assistant	April 19, 1999
Mark Cattanach, Collections Manager	September 27, 1999-October 19, 2001
Michael Certo, Curator of Education and Public Programs	April 5, 1999
Laura Downey, Conservator	December 3, 2001
Kathryn A. Guscott, Conservation Preparator	July 3, 1995
Kathleen S. Howe, Print/Photo Curator	July 11, 1994
Cindy L. Leyba, Administrative Assistant, Jonson Gallery	September 29, 1998
Ursula Mines, Museum Shop Manager	October 2, 2000
Lee Savary, Exhibitions Curator	August 3, 1992
Bonnie K. Verardo, Collections Manager	November 1, 1995
Peter S. Walch, Director	July 1, 1985-July 31, 2001
Robert "Chip" Ware, Jonson Gallery Curator	August 7, 2000

Work Study, Student, Intern, and Temporary Employees:

Cheryl Agee	March 18, 2002-May 17, 2002
Theresa Avila	August 15, 2001
Carolina Bell	January 17, 2002-May 17, 2002
Linda K. Brown	October 20, 1998-May 17, 2002
Erika Burrows	August 28, 2000-May 17, 2002
Kimberly Cleveland	August 20, 1999-August 10, 2001
Leah Cluff	February 12, 2000-December 12, 2001
Annamarie Cordova	June 8, 2001
Valerie Duran	August 24, 2001-May 17, 2002
Heather Feeney	August 23, 1999-July 27, 2001
Connie Fulwyler	November 13, 2001-May 31, 2002 (Term)
Angelique Fullilove	August 14, 2001-December 21, 2001
Suzanne Garcia	January 14, 2002-May 11, 2002
Carol Gilge	September 2, 1997-January 18, 2002
Myra Green	August 20, 2001-May 17, 2002
Jessamine Greenfield	February 7, 2000-May 17, 2002
Jenna Hinton	June 1, 1999-August 10, 2001
Scott Homolka	June 18, 2001-August 10, 2001 (Conservation Research Assistant)
Christopher Jones	August 27, 2001-May 17, 2002
Kerry Kazokas	August 20, 2001
Stephanie Lussier	June 18, 2001-August 10, 2001 (Conservation Research Assistant)
Shelly Madison	February 28, 2001-August 2, 2001
Jennifer Maiello	January 2, 2001-December 11, 2001
Shannon O'Keefe	January 11-May 10, 2002 (Jonson Gallery Intern)
Cody Saxton	February 8, 2000-August 24, 2001
Julie Anne Sorensen	June 5, 2001-August 10, 2001
Tara Sharam	March 18-May 9, 2002 (Jonson Gallery Intern)
Kevin Spykerman	June 3, 2001
Alison Watral	June 8, 2001

B. Committees

UNM Art Museum
Advisory Committee
2001-2002

Peter Walch, Director Emeritus, UNM Art Museum
Roger L. Schuntz, Dean, School of Architecture and Planning
Thomas F. Barrow, Professor Emeritus, Art and Art History
Van Deren Coke, Professor Emeritus, Art and Art History
Joyce Szabo, Chair, Art and Art History
David Stuart, Associate Provost, Academic Affairs
Susan Mullins, University Auditor
Rebecca Neri Zagal, President, Friends of Art
Sheilah Garcia, Community Representative

Jonson Gallery
Sub-Committee on Jonson Collections

Julie Weaks Gutierrez, University Budget Director
Susan Mullins, University Auditor
Joyce Szabo, Associate Professor, Department of Art and Art History

Ex-Officio Members

Peter Walch, Director Emeritus, UNM Art Museum

Julie Weaks Gutierrez, Susan Mullins, and Joyce Szabo are the Standing Committee of the UNM Museum's Advisory Committee for the Jonson Collection.

Jonson Gallery Group

Penny Rembe
Gail Doyel
Martha Day

Adjunct Curators: UNM Art Museum

Thomas F. Barrow
David Craven
Christopher Mead
O. J. Rothrock

C. New Acquisitions

Photographs

Asch, David
Metropolitan Slush, c.1925
Bromoil transfer
Museum purchase
2001.40.9

Aubert, Francois
Grave of Maximillian, c.1867
Albumen
Museum purchase
2001.16.3

Aubert, Francois (attributed)
Aztec Calendar, Mexico, c.1870
Albumen print
Museum purchase
2002.7

Borgeson, Larry
Silent Messages: Gone Five Days Journey 1979
Van Dyck print
Gift of Laurie and Thomas Barrow
2001.37.1

Chalmers, Catherine
Praying Mantis Eating Two Flies, 1995
Color photograph
Gift of John and Mary Mulvany in honor of Peter Walch
2001.28

Cheney, Edward (printed by Alfred Capel-Cure, his nephew)
Cathedral Nantes, 1856 (negative) 1858 (print)
Albumen
Museum purchase
2002.10.23

Cheney, Edward (printed by Alfred Capel-Cure, his nephew)
Gateway, Worksop, late 1850s
Albumen
Museum purchase
2002.10.24

Cook, Michael
Carrots from the series Animal, Vegetable, Mineral, 1988-1992
Polaroid
Gift of Michael Cook
2001.38

Costain, Harold Haliday
Thirty four (34) Gelatin silver prints, c.1940s
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.55-.88

Davidson, Bruce
Topless, San Francisco, from the series "The Off Broadway", 1965
Gelatin silver print
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.54

Evans, Walker
Two (2) gelatin silver prints (contact prints) c.1960
Gift of James Hughes
2001.47.1-.2

Foster, Giraud; Barker, Norman
Five (5) Chromogenic prints
Gift of Giraud Foster and Norman Barker
2001.52.1-.5

Foster, Gus
Two (2) chromogenic prints, 2001
Gift of the artist
2001.36.1-.2

Frith, Francis
Mount Serbal, from the Wádee Feyrán, 1858
Albumen
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.1

Fyman, Vladimir
Seven (7) gelatin silver prints
Museum purchase
2002.12.1-.7

Hanka
Prague, 1940s
Gelatin silver print
Museum purchase
2002.3

Havlicek, Ing. Karel
Construction, c. 1935
Gelatin silver print
Museum purchase
2002.15.2

Hawes, Josiah
Four (4) salted paper prints c.1850
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.5-.8

Jackson, Zig
Two Moons Stoic / Two Moons Laughing; Busby, Montana, 1991 (printed c.2000)
Gelatin silver print
Purchased with funds from the Friends of Art
2002.5.3a-b

Kertesz, Andre
Small-Town Judge, Batorkeszi, Hungary, 1916
Gelatin silver print
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.89

Lavenson, Alma
Two (2) gelatin silver prints
Gift of Susan Ehrens in honor of Van Deren Coke's 80th Birthday, 2001
2001.43.1-.2

Lavenson, Alma
Eight (8), gelatin silver prints
Gift of Paul Wahrhaftig
2001.44.1-.8

Lavenson, Alma
Ten (10) gelatin silver prints
Gift of Albert Wahrhaftig
2001.45.1-.9

Levinstein, Leon
Fourteen (14) gelatin silver prints
Gift of Geoffrey B. West
2001.31.1-.14

Levinstein, Leon
Five (5) gelatin silver prints
Gift of Todd Gitlin
2001.46.9-.13

Levitt, Helen
Two (2) gelatin silver prints
Museum purchase
2001.49.1-.11

Lozoya, Oscar
Dia de los Muertos, 1994 (printed 1995)
Gelatin silver print
Purchased with funds from the Friends of Art
2002.5.2

Lukas, Jan
Auditorium Crowd, 1960s
Gelatin silver print
Museum purchase
2002.15.3-.6

Marey, Jules-Etienne
Running Dog, c. 1885
Photographic positive on glass
Museum purchase
2001.40.1

Marquis de Rostaing
Untitled (Landscape with Mountain and Village)
c.1857
Waxed paper negative
Museum purchase
2002.6

Meatyard, Ralph Eugene
Untitled, n.d. (printed later)
Gelatin silver print
Gift of Joan and Van Deren Coke
2001.53.3

Menglerova, Libuse
Five (5) gelatin silver prints c.1975
Museum purchase
2001.49.5-.9

Meyerowitz, Joel
Two (2) gelatin silver prints
Museum purchase
2001.49.3-.4

Montoya, Delilah
Diego, 1998
Chromogenic print
Purchased with funds from the Friends of Art
2002.5.1

Morgan, Barbara
Three (3) gelatin silver prints
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.2-.4

Mydans, Carl
Four (4) gelatin silver prints, late 1960's
Museum purchase
2001.40.12-.15

Nadar (Gaspard Félix Tournachon)
Portrait of Sarah Bernhardt, c.1878
Albumen
Museum purchase
2002.10.21

Official U. S. Navy & Marine Corps Photographers
Two hundred and seventy six (276) gelatin silver prints, World War II-the Pacific Theater
Museum purchase 2001.40.16-.292

Negre, Charles
Grasse
Waxed paper negative, c.1852
Museum purchase
2001.54

Pinkerton's National Detective Agency
The Wild Bunch, James Lowe, c.1910
Gelatin silver print
Museum purchase
2001.16.1

Pinkerton's National Detective Agency
Dan Hunt (alias Jas. Corcoran) Professional Thief, c.1892
printing out paper
Museum purchase
2001.16.2

Plicka, Karel
Prasna Brahia (Inside the Chapel) n.d.
Gelatin silver print
Museum purchase
2002.15.1a-b

Robinson, Henry Peach
Five (5) albumen prints, 1881
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.46-.51

Ross, Horatio
Dead Stag, c.1855
Waxed paper negative
Museum purchase
2001.40.8

Ross, Horatio
Two (2) albumen prints c.1858
Gift of James Hughes
2001.47.3-.4

Ross, Horatio
Landscape with River, c.1855
Waxed paper negative
Museum purchase
2001.55

Salinger, Adrienne
#170 & #123 from the Middle-Aged Men Series, 2001
Two (2) chromogenic prints
Gift of the artist
2002.8.1-.2

Salinger, Adrienne
#49 & #60 from the Middle-Aged Men Series, 2001
Two (2) chromogenic prints
The Eliot Porter Fellowship Collection, gift of the New Mexico Council on Photography
2002.9.1-.2

Schutzer, Paul
Soldier with Women and Children, Vietnam, c. 1967
Gelatin silver print
Museum purchase
2001.49.2

Smith, Kiki
Untitled, 1996
Gelatin silver print
Gift of Linda Tyler
2001.22

Smith, Michael A.
Ten (10) gelatin silver prints
Gift of Geoffrey B. West
2001.31.15-.24

Smith, Michael A.
Fourteen (14) gelatin silver prints
Gift of Todd Gitlin
2001.46.14-.27

Sprunt, Vera
The Charmer, 1988
Polaroid print
Gift of Vera Sprunt
2002.4

Stivers, Robert
Man and Woman in Plastic from the LA Series (and Self Portraits), 1993
Eight (8) gelatin silver prints
Gift of Todd Gitlin
2001.46.1-.8

Struss, Karl
Screen print from autochrome & Bromoil, c.1915
Two (2) prints
Museum purchase
2001.40.6-.7

Sudek, Josef
Fourteen (14), gelatin silver prints
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.9-.22

Sudek, Josef
Four (4) gelatin silver prints
Museum purchase
2001.40.2-.5

Sudek, Josef
Garden Path with Statuary, n.d.
Gelatin silver print (contact print)
Museum purchase
2001.48

Sudek, Josef
Fifteen (15) gelatin silver prints
Museum purchase
2002.10.1-.14 and .22

Talbot, William Henry Fox
Church of St. Maurice at Vienne in France c. 1850
Photoglyphic engraving
Museum purchase
2001.40.10

Terris, Adolphe
Nineteen (19) cyanotypes, c.1868
Four (4) albumen prints, c.1879
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.23-.45

Thompson, John
Old Timer Days, Quebec, 1891
Albumen
Museum purchase
2002.10.26

Tucek, Zdenek
Three (3) gelatin silver prints, 1935-1941
Museum purchase
2002.13.1-.3

Unknown
Untitled (Portrait of a Woman), n.d.
Salted paper print with drawing
Museum purchase
2001.16.4

Unknown
The Hague, South Church, c.1880s
Albumen print
Museum purchase
2001.40.11

Unknown
The Bone Yard in Paco Cemetery, Manilla, c. 1895
Lantern slide
Museum purchase
2001.49.1

Unknown
Link Belt Type "A" Loader in Yard of Richard McAllister, Camden, N.J., c.1930
Gelatin silver print
Museum purchase
2002.10.25

Van Deren Coke
John Kacere, 1958
Gelatin silver print
Gift of Joan and Van Deren Coke
2001.53.2

Various Artists
Untitled from the portfolio MFA 2000,
a portfolio of twenty (20)
Gift of the Rochester Institute of Technology
Photography Program
2001.41.1-.20

Watkins, Carelton
Two (2) cyanotypes, 1881
Gift of Fernando and Gloria Barnuevo Ybarra
2001.39.52-.53

Wilson, D.
Parasite of Pig, c.1855
Albumen photomicrograph
Museum purchase
2002.10.15

Witkin, Joel-Peter
Three (3) gelatin silver prints (toned),
1990-1994
Gift of Joel-Peter Witkin
2001.42.1-3

Woolf, Paul J.
Five (5) gelatin silver prints, c.1930
Museum purchase
2002.10.16-.20

Prints

Adams, Clinton
One (1)Etching & Four (4) Lithographs
The Clinton Adams Archive Collection
2001.51.1-.5

Anthony, Carol
Samos: Twin Islands, Greece,1998
Monotype
Gift of Jane and Burt Berman
2001.32.2

Arends, Stuart
Untitled, 2000
Lithograph
The Tamarind Archive Collection
2001.15.1

Aschheim, Eve
Four (4) lithographs
The Tamarind Archive Collection
2001.15.2-.5

Besnard, Alfred
La femme à la pèlerine (Woman with a Cape), 1889
Intaglio, mixed technique
The Clinton and Mary Adams Collection
2001.14.1

Birch, Willie
Big Man, 2000
Lithograph
The Tamarind Archive Collection
2001.15.6a-b

Bowling, Katherine
Two (2) lithographs
The Tamarind Archive Collection
2001.15.7-.8

Braque, George
Oiseau et lotus (from the suite Le tir a l'ar, 1960
lithograph
The Clinton and Mary Adams Collection
2001.14.2

Chasseriau, Theodore
Venus Anadyoméme, 1839
Lithograph
The Clinton and Mary Adams Collection
2001.14.3

Clinger, Catherine
Hymns of Qurum, 2001
Five (5) relief etchings
Gift of Catherine Clinger
2001.34.1-.5

Cook, Michael
Michael Cook @...#64, 2000
Lithograph
The Tamarind Archive Collection
2001.15.9

Davidoff, Susan
Five (5) lithographs
The Tamarind Archive Collection
2001.15.10-.14

Davies, Arthur B.
Diane, 1924
Intaglio, mixed
The Clinton and Mary Adams Collection
2001.14.4

Daguerre, Luis-Jacque Mande
Interieu des ruines du Chateau
de Blot-le-Roc, c.1829
Lithograph, chine colle
Gift of Joan and Van Deren Coke
2001.53.1

Dezso, Andrea
More Planets and Spaceships
(Alien Beauty series)
Lithograph
The Tamarind Archive Collection
2001.15.15a-h

Dezso, Andrea
Alien Chick, 2000
Lithograph
The Tamarind Archive Collection
2001.15.16

DiCamillo, Roger
Las Iglesias de Nuevo Mexico, 2000
Lithograph
The Tamarind Archive Collection
2001.15.17

DiCamillo, Roger
Chiesi d'Italia, 2000
Lithograph
The Tamarind Archive Collection
2001.15.18

Feininger, Lyonel
Three woodcuts, 1918-1920
Woodcut
The Clinton and Mary Adams Collection
2001.14.5-.7

Goler, Victor
Three (3) lithographs
The Tamarind Archive Collection
2001.15.19-.21

Kliemann, Carl-Heinz
Interrupted Coastline, 1975
Mixed intaglio
Gift of Dr. Volker Vossius in honor of Professor
Douglas George
2002.1

Kurimura, Naruhiko
Three (3) lithographs
The Tamarind Archive Collection
2001.15.22-.24

Letscher, Lance
Ten (10) lithographs
The Tamarind Archive Collection
2001.15.25-.34

Lindgren, Eric
Carson Flats I, 1990
Monotype
Gift of Jane and Burt Berman
2001.32.3

Liu, Hung
Four (4) lithographs, 2000
The Tamarind Archive Collection
2001.13.35-.38

McCray, Dorothy
Par Coeur, 1955
Lithograph
The Clinton and Mary Adams Collection
2001.14.8

Mellyn, Sean
Three (3) lithographs, 2001
The Tamarind Archive Collection
2001.15.39-.41

Moses, Forrest
Two Iris, 1997
Monoprint
Gift of Jane and Burt Berman
2001.32.4

Porter, Liliana
Twelve (12) lithographs, 2000
The Tamarind Archive Collection
2001.15.42-.53

Sakiestewa, Romana
4 Divinations, 1997
Lithograph
Gift of Jane and Burt Berman
2001.32.5

Sekula, Allan
Photography Against the Grain, n.d.
Poster
Gift of Thomas & Laurie Barrow
2001.27.2

Seliger, Jonathan
Five (5) lithographs, 2000
The Tamarind Archive Collection
2001.15.54-.58

Shea, Michael
Three (3) lithographs, 2000
The Tamarind Archive Collection
2001.15.59-.61

Sherwin, J. K.(engraved by); William Hogarth (after)
The Politician, c. 1775
Hand-colored etching
Anonymous gift
2001.24

Siqueiros, David Alfaro
Meditation, 1968
Lithograph
Gift of Jacqueline Dunnington
2001.25

Snowden, Mary
Three (3) lithographs, 2000
The Tamarind Archive Collection
2001.15.62-.64

Suarez-Londono, Jose Antonio
Four (4) lithographs
The Tamarind Archive Collection
2001.15.65-.68

Tobey, Marc
Composition, 1955
Lithograph
The Clinton and Mary Adams Collection
2001.14.10

Unknown
Marriage Certificate 1898
Offset lithograph, ink, printing out paper, wood, pla
Gift of Geoffrey Batchen
2002.11

Unknown; Perez, Faustino; Morante, Rafael
Five (5) screenprints
Gift of David Craven in honor of Tom Barrow
2001.30.1-.5

Unknown
Four (4) Engravings
Gift of Russ Davidson and Revathi A. Davidson
2001.26.1-.4

Various artists
Untitled from the portfolio Interprint 2000, 2000
Seventeen (17), mixed media prints
Gift of Joel-Peter Witkin
2001.35.1.1-.17

Vigil, Frederico
La Mujer de las Uvas, 2000
Lithograph
The Tamarind Archive Collection
2001.15.69

Walker, Todd
Various
3 books/portfolios, 10 photographs and 24 prints
The Todd Walker Estate
2002.2.1-.36

Weber, Stephanie
Three (3) lithographs
The Tamarind Archive Collection
2001.15.70-.72

Whitehorse, Emmi
Silent Rain, 2000
Lithograph
The Tamarind Archive Collection
2001.15.73

Paintings

Adams, Clinton
Twenty four (24) paintings
Clinton Adams Archive Collection
2001.13.1-.24

Berg, Tom
Draped Chair #29, n.d.
Oil on panel
Gift of Jane and Burt Berman
2001.32.1

Scholder, Fritz
Romantic Vision #2, 1990
Acrylic on paper
Gift of Jane and Burt Berman
2001.32.6

Slavik, Barbara Jane
Untitled, 1973
Oil on canvas
Gift of Peter Walch
2001.50

Von Hassler, Carl
Five (5) paintings
Gift of H. W. "Rudy" Truesdale
2001.17.1-.5

Jonson Gallery

Photographs

Michaud, Lily
Untitled (Wall Series, 1999)
Gift of the artist

D. Works Deaccessioned

UNM Art Museum
No works deaccessioned in fiscal year 2001-2002

Jonson Gallery
No works deaccessioned in fiscal year 2001-2002

E. Conservation Lab

The UAM hosted two interns from the Buffalo State College Art Conservation Program, Stephanie Lussier and Scott Homolka. The interns, under the supervision of consulting conservator Christine Young, cleaned, mended and lined 74 posters and prints from the Mexican print workshop *El Taller de Grafica Popular*. The work will be featured in a major 2003 exhibition about this important political graphics workshop, active between 1936 and the late 1960s. Christine Young also worked with Kate Guscott to survey new additions to the photographic collection and performed a number of treatments.

Conservator Laura Downey joined the UAM staff in December, 2001. Her first task was to complete the outfitting of the conservation lab with equipment and materials, which had been begun by Kate Guscott earlier in the year. Other initial activities included redesigning the condition record form in use by the museum, review of environmental records and responsibility for monitoring the museum's hygrothermograph records, and institution of a new campaign of pest monitoring within the museum spaces. Another important task was the identification and gathering into the lab of priority treatment candidates within the paper and photographs collections. In addition, Downey reviewed the condition of the sculpture and paintings collections prior to the collection move, identifying 12 paintings requiring remedial treatment in-house before they could be relocated off-site.

Conservator Laura Downey and Conservation Assistant Kate Guscott presented two well-attended public lectures on preservation in March and April 2002. The first was entitled "Conservation and Care of Photographs and Prints" while the second was called "Protecting Your Family Photographs." An open house and lab tour of the new conservation facilities were timed to coincide with these public programs.

Two college-level classes requested lectures and lab tours. They were Rebecca Hernandez's Native American Studies and Museums course, and a Museum Studies class from the Institute of American Indian Arts taught by Barbara Lucero-Sands. During the course of the year a number of students approached staff with interest in learning more about the field of conservation. Downey met with each of them to discuss the profession and what is involved in training to be a conservator. Three of these individuals have subsequently volunteered time in the conservation lab.

Downey, at times accompanied by Guscott or Curator Kathleen Stewart Howe, has made a number of professional visits to become better acquainted with conservation, library, and museum professionals in the area. Sites include the Center for Southwest Research and the Maxwell Museum on the UNM campus, the Museum of New Mexico conservation lab, the Georgia O'Keeffe Museum, the Hispanic Cultural Center, and Cariño Conservation of Books and Paper.

F. Institutions to Which We Have Loaned Work

UNM Art Museum

Art Gallery of the Fine Arts Center
Newman University
Wichita, Kansas
August – October, 2001Carlsbad Art Center

Museum of New Mexico
Museum of Fine Arts
Santa Fe, New Mexico
October –December, 2001

Presentation House Gallery
Vancouver, British Columbia
November – December 2001

National Hispanic Cultural Center of New Mexico
Albuquerque, New Mexico
November 2001 – May 2002

de Saisset Museum, Santa Clara University
Santa Clara, California
December 2001 – March 2002

International Center of Photography
New York, New York
December 2001 – April 2002

Carlsbad Art Center
Carlsbad, New Mexico
January – March 2002

Hatton Gallery
Colorado State University
Ft. Collins, Colorado
January – March 2002

National Museum of Women in the Arts
Washington, D.C.
February – April, 2002

McNay Art Museum
San Antonio, Texas
April – May, 2002

Jonson Gallery
No works loaned in fiscal year 2001-2002

AFRICAN AMERICAN STUDIES.
BRIEF PROGRAM REVIEW.
2000/1/2.

PROGRAM OVERVIEW.

African American Studies is a comprehensive degree granting academic unit, which comprises of the Charlie Morrisey Research Hall, Team of Excellence Mentoring Program and the Summer Institute in African American Studies. These four programs as a unit are reflective of the philosophy that under girded the movement of the 1960s, which demanded institutional recognition and inclusion in its curricula, the contributions and achievements of Black people. Also, the philosophy requires African American Studies to develop dynamic and active community projects to serve the Black community. Presently, the program offers over 40 graduate and undergraduate courses and there are about 20 students who are in various stages of obtaining a major in African American Studies.

The Charlie Morrisey Research Hall is a State funded research program established in 1982. It is the one of a few very rare repositories of African American history in the Southwest. It houses video and audio tapes, old magazines, rare books, rare black and white photographs, obscure articles and newspaper clippings, old personal notes, scrap books and dairies, rare artifacts, oil paintings, etc that document the presence, achievements and contributions of people of African descent in New Mexico, the Southwest and the West. Students and non-students have free access to the documents for research and for general information. Some of the documents may be checked out for about a fortnight. It organizes panel discussions, rare photograph exhibitions and free public presentations statewide. Presently, it houses over 2,000 documents including an invaluable collection of African art. Funds are being sought to develop the Charlie Morrisey Research Scholars and the Charlie Morrisey New Mexico Junior Research Fellows.

The Team of Excellence Mentoring Program responds to the community activism philosophy underlying African American Studies programs. The Team of Excellence Mentoring Program sends college students to the city's economically depressed neighborhoods to act as tutors and mentors at neighborhood elementary schools. The purpose is to demystify college and to help kids from these neighborhoods prepare scholastically for college. The program has received national recognition and has been in operation for about 15 years.

The Summer Institute in African American Studies was established about 16 years ago in cooperation with the History Department. It was designed to respond to the University's appalling record of hiring African Americans. It was made financially possible through the foresight and creative leadership of Deputy Provost Richard Holder and a very few others who knew that multiculturalism –the buzzword then- is not an intellectual calisthenics with a set of 0.002 oz barbells. But rather,

multiculturalism is the creation of peaceful, harmonious and nurturing institution, which sustains human dignity. It is the stemming the tide of institutional racism for a better tomorrow. The Institute at its heights and for many Summers, exposed UNM students, some for the first time, to the scholarship and teaching skills of four or more Visiting African American scholars invited from Yale University and other prestigious institutions including Historic Black Colleges and Universities. They taught various courses cross-listed with multiple departments. UNM became the preferred Institution by African American scholars for their Summer academic activities. Unsolicited requests for participation in the Summer Institute arrived in waves. The situation rendered the recruitment of African American faculty, supposedly a difficult process, routine activity.

Then, multiculturalism gave way to diversity creating an atmosphere of a never ending and fruitless intellectualization, which has become the haven for triculturalism in its many mutations. The 2003 Summer Institute in African American Studies *may* welcome one African American Visiting Professor.

FACULTY AFFAIRS.

African American Studies has spent the past two years exploring all avenues to resolve its instructional personnel problem, which simply stated, is to convert the number of faculty positions from a mixture of five temporary and permanent half time and one-fulltime positions into three full time and one half time (Director is halftime instructional in theory).

The problem became acute when Dr. Cortez Williams retired in December 2001. The retirement rendered two of the programs core courses for AAS degree unavailable to students who needed one or both courses to graduate. Therefore, a constant search for a qualified part time instructor to teach those required courses remains imperative. A qualified candidate has agreed to teach the courses and will relocate to Albuquerque only if Dr. Williams' position is converted to a full time position. And all attempts to effect such conversion have and continue to meet with the refrain, "there is no money..." Efforts to secure funds to resolve this serious situation, some of which may cross traditional administrative lines, continues.

GOVERNANCE.

Because of the size of the department, decisions regarding curriculum development, personnel matters, and departmental direction, including merit pay are made either by consensus or by vote at departmental meetings. In addition, one-on-one meetings between Director and individual faculty members supplement departmental meetings. Decisions from these one-on-one meetings, where necessary are shared with appropriate personnel.

HIRING AND SEARCHES.

Hiring for all positions, including the directorship is governed by appropriate university personnel and affirmative action policies. Searches for faculty and the

director are always national in scope while state and regional markets are targeted for clerical positions.

FACULTY & DEPARTMENT ADMINISTRATOR.
The Director and the African American Studies faculty members form the search committee to hire the department administrator while a committee of only African American Studies faculty members recommends the hiring of a new faculty member to the Director. The director makes the final decision for the Dean's approval.

DIRECTOR.
Search committee composed of African American Studies faculty members, a faculty member from another department with which African American Studies normally cross-list courses, the Director of the African American Student Services and two students who are majoring in African American Studies is responsible for the selecting the Director for the Dean's approval.

The uniqueness of the history and structure of UNM's African American Studies and also, the uniqueness of the State of New Mexico require that, if possible there should be an effective person to person transition period between the out going and the incoming Directors, especially, if the new Director is relocating from another State very different from New Mexico.

Such transition is imperative when the current Director who literally developed the program over the last two decades decides to retire or vacate the position. Hence, it is strongly suggested that search for a new director should start preferably a year prior to his retirement or vacation of the directorship.

The preferred candidate for the Directorship is an experienced teaching administrator with strong and demonstrated curriculum development background. The candidate must be EXTERNAL candidate. History has shown that even though internal candidate may bring the necessary administrative experiences and commitment to the discipline to the position, small programs with enormous potential such as African American Studies, UNM, most times, sacrifice organizational growth as a result. This situation is made possible, partly, because historically, internal candidates lack strong bargaining position and/or effective responses to institutional "there is no money" refrain. Conversely, internal candidate benefit the hiring institution financially through salary savings and sometimes, mediocre to no commitments for future program development. In addition, substantive commitments by the hiring institution for future program development, most times, become victims of unforeseen budgetary shortfalls. On the other hand, evidence indicates that external candidates have always been able to negotiate for better compensation packages and better programmatic terms also. Such opportunity for programmatic growth must not be denied African American Studies.

Finally, the Directorship must not be a rotating position, especially for a small program such as African American Studies, UNM. Experience teaches that it takes a considerably long time to build that personal and professional trusts and collegiality across campus necessary for successful navigation through prevailing institutional and attitudinal racism. Therefore, a rotating directorship will mire African American Studies in a system requiring constant reinvention of those tools and currencies vital to overcoming attitudinal and institutional racism.

Submitted,

SHIAME OKUNOR, Director

University of New Mexico
Division of African American Studies.

A Ten- Year Report
1990 - 2000

Dr. Shiame Okunor
Director

4023 Mesa Vista Hall
Albuquerque, NM 87131
(505) 277-5644

Albuquerque, May 2001

African American Studies Program.

MISSION STATEMENT.

The mission of the African American Studies program is to position the study of the history, the culture and the intellectual expressions of the people of African descent at *the center of scholarship.*

THE AFRICAN AMERICAN STUDIES.

The African American Studies is a multidisciplinary and interdisciplinary discipline, which focuses on the historical antecedents of African Americans, their presence and influences on the social, historical, economic and intellectual development of American society in particular and the world in general. Therefore, African American Studies develops curricula, programs and community projects that helps the Universities construct a more effective and comprehensive understanding of American society and the world in general.

HISTORY, UNM.

Afro-American Studies, Black Studies, now African American Studies was established in June of 1970 as part of the Ethnic Studies Program component of the University of New Mexico. The first coordinator was Mr. Charles Becknell. During the first year, African American Studies offered two courses, "Black Experience", and "Afro-American History". In addition, the program formulated plans for future campus and community-wide workshops and seminars, Black festivals, tutoring services for elementary, high school and University students and a recreation program for children from the Black community. One of Program's early major goals was to achieve departmental status.

Dr. Becknell headed the program for two years then took a leave of absence to pursue a doctorate degree. Mr. Willie Criddle replaced him as a coordinator. At the end of 1973, Mr. Willie Criddle left New Mexico and Mr. Becknell returned as the coordinator until Dr. Harold Bailey replaced him 1975. One of Mr. Bailey's first acts was to name Dr. Shiame Okunor as Administrative Assistant. Dr. Okunor served in that capacity for two years before he was appointed Acting Assistant Director.

The decade of 80's was turbulent years for the Program. On May 29 1980, the central administration of the University split Native American Studies and Afro-American Studies Programs, each into two separate units creating the Afro-

American and the American Indian Academic and Student Services units. Dr. Bailey was reassigned as Coordinator of Afro-American Student Services and he was given until June 5 to accept or decline the new post. Dr. Bailey objected to the reassignment but his response was unacceptable to the central administration. The situation led to Dr. Bailey's departure. Dr. Okunor was subsequently appointed Acting Director of the programs' Academic Affairs unit.

In July of 1980, Dr. Okunor discovered the program's offices ransacked and vandalized. Various and important materials such as files, telephone records, in addition to videotapes on The Black Experience television series, books and other items were discovered missing. The mural on the walls was defaced and the carpet soiled. Thus, the two major goals of Dr. Okunor during the next decade was to increase the courses he inherited and create a new, strong, viable and respected academic program housed in a respectable facility. These two goals seemed to be within reach. The Program is now housed in one of the best location on campus and boasts of a priceless collection of African Art, rare books, rare photographs, and rare artifacts by and about Black people of the Southwest. In addition, the Program now offers about fifty courses, a minor degree and a multi-disciplinary interdepartmental Bachelor of Arts degree in African American Studies.

FACULTY DIVERSITY.

Dr. Okunor's other concerns are the recruitment and retention of more Black faculty, staff and students. Through different academic activities such as free tutoring, free editing and typing service, computer access, counseling and academic advisement, conducive study room and access to bibliographic materials related to black issues coupled with cooperation with the African American Student Services and the African American Faculty and Staff Council, attempts to address the recruitment and retention issues remain a daily agenda.

INTERDEPARTMENTAL.

The last ten years (1990 to 2000), have seen African American Studies Department fashioned a stronger curriculum with increased interdepartmental courses offering. Of particular note is Dr. Okunor's residence at the Yale Divinity School and tenure as a part-time Director of the Program from 1992 through 1995. He was ordained an Elder of the African Methodist Episcopal Church in 1994 and became the Senior Pastor of Howard Chapel, AME Church in Gallup in 1996. His graduation in 1995 inspired the development of four new graduate and undergraduate courses in Theology for the Religious Studies Program. Similar course development and teaching in the Department of Communication and Journalism suggest a possible African American Concentration in those departments. In addition, African American Studies courses are now offered at the Gallup and Valencia Branch campus.

COMMUNITY.

African American Studies have enjoyed complementary increases in its community educational activities. There is increase in the mentoring activities of the award winning and nationally recognized Team of Excellence Mentoring Program, increase in the number of public exhibitions of the invaluable Charlie Morrisey Collections, increase in attendance at the Black History Month Kickoff Brunch, including an increase in visitation and research activities at the Charlie Morrisey Research Hall. Of note also, is the increased participation of the faculty in community organizations and activities. It should be additionally noted that the Southwest's only Summer Institute in African American Studies is enjoying resurgence with the accompanying spotlight. (see descriptions next pages).

AFRICAN AMERICAN STUDIES, UNM.

II. PROGRAM DESCRIPTION.

The African American Studies is an interdisciplinary and multidisciplinary major degree-granting program, which provides the University of New Mexico and the surrounding community the African American perspective to issues relevant to the education of all people, specially, African Americans for the 21st century. It has developed community projects and program to help the University and the community, construct a comprehensive understanding of the State, the nation and the world. Most of the courses offered are cross-listed with some UNM's departments/divisions, including Political Science, Language, Literacy and Socio-Cultural Studies, American Studies, English, Communication and Journalism and others.

BACHELOR OF ARTS IN AFRICAN AMERICAN STUDIES.

The interdisciplinary major in African American Studies approaches the study of the historical, cultural, and intellectual development of people of African descent from a multidisciplinary perspective.

The B.A. in African American Studies requires the completion of 39 credit hours of African American Studies courses of which 15 hours must be 300 or 400 level courses. Students must complete UNM Core curriculum and other University requirements. See catalogue for more information

DOUBLE MAJOR.

African American Studies as a second major requires the completion of 27 credit hours of African American Studies courses. Faculty advisors will help students design plans of study, which respond to students' academic and professional needs. Af. Am. 284 & Af. Am. 285 are required.

MINOR DEGREE.

The African American Studies offers a General Minor degree and a Specialized Minor Degree. The General Minor requires 24 hours of African American Studies

courses and 12 hours courses of level 300 or higher. The Specialized option requires 24 hours with emphasis in economics, anthropology, history or other discipline with relevance courses. See appendix for more information.

III. ADMINISTRATION.

One Director
One Department Administrator
One Program Coordinator
One Full time Professor
Four Part time Professors

IV. CAMPUS AND COMMUNITY PROGRAMS & PROJECTS.

THE SUMMER INSTITUTE IN AFRICAN AMERICAN STUDIES.

The Summer Institute was established in 1989 with the cooperation of the Department of History in order to enhance the diversity of the History Department faculty, the multidisciplinary perspective of the African American Studies program and finally, to enhance the University of New Mexico's commitment to diversity. Specifically, the Summer Institute has three major goals; (1) to increase the number of African American faculty members on campus, (2) to expose UNM students to the unique global and continental experiences of Black people, and (3) to introduce UNM students to accomplished Black scholars. Since its inception in 1989, the Summer Institute has played host to over 15 Visiting Black Professors from Yale University and other prestigious institutions including the Historic Black Universities and Colleges. The Summer Institute continues to grow gaining national attention.

THE TEAM OF EXCELLENCE MENTORING PROGRAM.

This program was established to demystify college and to prepare minority elementary and high school students for college life through intensive tutoring and mentorship activities. This Program sends mentors and tutors to elementary schools in economically depressed neighborhoods to tutor and mentor minority students. The Goals of the TEMP is to improve:

1. Writing and reading skills,
2. Math and science competencies,
3. Oratory abilities, and
4. Sponsor students in academic competition.

THE CHARLIE MORRISEY RESREARCH HALL.

The mission of the Charlie Morrisey Research Hall is to become the Southwest's best repository of historical documents and artifacts by and about Black people of the Southwest. The Research Hall's collections of about two thousand items include

rare books, rare manuscripts, old magazines and other publications, old and rare photographs, audio and video tapes, rare deeds and titles to lands, oral histories, and other archival artifacts which document the presence of Africans and African Americans in New Mexico specifically, and Southwest in general. In addition, the Charlie Morrisey Research Hall organizes public lectures, panel discussions and exhibitions of rare photographs and artifacts to highlight the presence in and the contributions of the African and the African American to the Southwest region.

The Research Hall was named after the late Charlie Morrisey, the most dynamic and most involved Black woman activist in the State of New Mexico and in the Southwest in general.

BLACK HISTORY MONTH KICKOFF BRUNCH.

Black History Month Kickoff Brunch established in 1985 presents an opportunity for the State of New Mexico to kickoff the state and national celebration of the achievements and contributions of Black people. This event is celebrated with films, dance, theatrical performances, art exhibition, and lectures. Prominent national leaders such as Maya Angelou, Corretta Scott King, Cornell West, Johnnie Cochran and others have been keynote speakers at the Brunch.

AFRICAN FIELD HISTORY INSTITUTE.

The African Field History Institute offers the "African Field Experience" program in Accra, Ghana, West Africa every other Spring and Summer. Students attend lectures at Accra Academy for one week and do field work at various cultural centers, former slave castles and military forts and villages, the remaining two weeks. Students participate in traditional festivals, interview chiefs and involve themselves in the everyday lives of the people of Ghana. In addition, students visit the W.E.B. Dubois Memorial Center, the National Museum, Kwame Nkrumah Mausoleum and other centers and institutions of social, cultural and political relevance.

THE CULTURE AND EDUCATION PROJECT.

The controversy regarding the validity of IQ Test and other Standardized Tests brought into focus, the role child rearing practices, the economic status, neighborhood, cultural background, level of parents education and other indexes play in the scholastic performances of non-white students. The Culture and Education Project brings together educators from across the nation to lead seminars, teach classes and participate in colloquia analyzing IQ Tests, Standardized Tests and other issues, which affect the scholastic performance of minority students with special emphases on Black students.

LOOKING AHEAD.

The future of African American Studies looks very bright for only one reason: THERE IS SO MUCH TO DO. The short-range goals are as follows –a. increase the number of faculty members to five, b. develop Graduate degree and Concentration curricula and c. elevate African American Studies to a departmental status with tenure-track instructors. The process to achieve these goals has already begun in earnest. Graduate courses in African American Studies are being offered in and Religious Studies and the College of Education, laying the foundation for a graduate degree in African American Studies and Concentration in Religious Studies and education. Departments of Communication and Journalism, Political Science, History, and American Studies are possible homes for other Concentrations. As the number of African American faculty increases, the areas for possible Concentration and the possibilities for graduate degree will increase.

The long rage projection sees African American Studies, the Charlie Morrisey Research Hall, the Department of English, the Department of Political Science, and the Department of Communication and Journalism, the Department of Religious Studies, the Division of Language, Literacy and Socio-Cultural Studies collaborating with Grant Chapel, African Methodist Episcopal Church, God's House Baptist Church, the Strategic Action Forum, and the New Mexico Black Lawyers Association to create an *African American Summer Academy,* administered by African American Studies. The *African American Summer Academy* will offer about 10 courses during the June and July Summer sessions every other year beginning with Summer 2004. A plan to offer these courses on the web for a nationwide audience is in the active discussion stage with the administrators of UNM's External University.

PURPOSE.

The *African American Summer Academy*, which will include The African American Field History Program, will serve three purposes, which reflect the University of New Mexico's commitment to diversity of personnel and ideas. These purposes are; diverse faculty, diverse and interdisciplinary course offerings and active community-University relations.

FACULTY DIVERSITY.

First, for over a decade now, the presence or the lack thereof of African American faculty and staff on the campus of the University of New Mexico has been on the agenda of numerous internal University committees including many more meetings between the University and community-based civic organizations such as the NAACP and the Strategic Action Forum. Recently, the African American Faculty and Staff Council, UNM, engaged the University in a series of meetings on the same issue. The result from these numerous meetings remains the same now, just as it has been over the last decade; no discernible change in the number of African Americans/Blacks in the University of New Mexico work force. The absence of a

university-wide system and personnel for recruitment underscores the problem. The proposed *African American Summer Academy* will address the recruitment issue by instituting short and long term plans to assist the University of New Mexico achieve its commitment to increase the number of African Americans employees on campus.

Specifically, the *African American Summer Academy* proposes to bring eight visiting African American scholars on campus every other year beginning with June and July 2004 Summer sessions to teach courses, participate in panel discussions and present at symposia. In the short term, the presence of the eight African American scholars will instantly increase the diversity of the University's faculty affirming UNM's commitment to diversity. Then in the long term, as alumni of the *Academy*, these African American scholars will become a nation-wide network of African American scholars vital to the University's attempts to recruit African American faculty, staff and administrators. This network increases its effectiveness and membership as eight new members join the network every other year. Moreover, the possibility of one or more of these visiting African American scholars accepting a position(s) with UNM, cannot be ruled out in such a situation.

ACADEMIC DIVERSITY.

Second, the *Academy's* innovative multi-disciplinary and inter-disciplinary courses and the presence of the eight African American scholars will provide culturally rich and rigorous educational experience to all students by exposing UNM students, some for the first time, to diverse research interests of accomplished African American scholars.

The special feature of the *Academy's* Visiting African American Professors will be the inclusion, as frequently as possible, a University Chaplain or an ordained Professor and a civil rights activist or attorney. This will transform Sunday morning visitations to the local Black churches, and panel discussion at community centers into an activity of citywide importance.

COMMUNITY-UNIVERSITY RELATIONS.

Third, the *Academy* will foster a permanent and mutually beneficial bridge over the ever-present chasm between the Black community and the University – a chasm which is "bridged" only temporarily in confrontation and when there is race-influenced crisis. Public free presentations in Churches, Community and Senior Centers by the Visiting African American scholars will form part of the bridge.

PROGRAM STRUCTURE.

Four of the eight visiting Professors will teach two regular courses (one in the morning and one in the afternoon) the first Summer session and the next four will visit during the second summer session. Members of the co-sponsoring community organizations including the Black community in general will be invited to sit-in on

these classes gratis. At the end of each Summer session, each visiting Professor will present a paper at a symposium and participate in a panel discussion with her/his other three colleagues. The topics for presentation will address issues pertinent to the Black community, such the Church and Excellence in Education, Admission, Retention and Civil Rights Movement, The University and the Black Community: Bridging the Gap, Current Trends in Affirmative Action and College Admissions, etc. or such topics that will allow the exploration of community building. Community participants will be included in these presentations and panel discussions. The venues for these presentations will the campus, the Fellowship Halls of the co-sponsoring Black Churches and other locations in the Black community. African American Studies, UNM, will edit and publish all the presented papers in the Journal of African American Studies/Southwest (JAASS).

COURSES.

The *Academy* will offer traditional courses such as "Emancipation & Equality" and "The Reconstruction Years" and one survey course such as, "The Black Experience". The survey course will allow thematic explorations through a multi-discipline prism. Specifically, each Professor will teach a course in the morning but all four will co-teach (one week each) the survey course in the afternoon. All the courses will carry multiple cross-listings (Political Science, English, Comm. & Journalism and African American, LLSS etc.) creating access for many students in multiple departments.

SCHEDULING.

The *African American Summer Academy* as proposed inheres flexibility to allow course offering for Fall and Spring semesters also, without extensive compensation adjustment. This will require innovative class scheduling that will allow the Visiting African American Professors to meet their responsibilities on their respective campuses while participating in the *Academy* at the University of New Mexico. African American Studies has had experience with such scheduling.

THE AFRICAN AMERICAN SOUTHWEST SUMMER FIELD HISTORY PROGRAM.

This is the second Summer program under the auspices of African American Studies and it is designed to highlight emerging research treasury of the Southwest. The Charlie Morrisey Research Hall because of its unique collections will form the foundation of the Summer Field History Program. This is an attempt to position UNM as a major research center for the history of the Southwest and the West.

SCHEDULING.

Beginning with June and July Summer sessions of 2003 and every other year thereafter, The African American Academy will offer the following courses "Blacks in the US West" and "Trails of Black Cowboys, Homesteaders & Soldiers". The "Blacks in the US West" course will have a research component, which will require

students to visit all the state and local libraries. Research papers resulting from these research visits will be presented at a colloquium. Similarly, the "Trails of the Black Cowboy, Homesteaders & Soldiers" course will be strictly an excursion class, and will require students to visit the sites of the historical Black towns – Blackdom, Vado, etc –and all the Forts such as Stanton, McRae and others where the Buffalo Soldiers were quartered. The excursions to these historical sites will include meetings with local historians and visits to local archives. In addition, history suggests substantial interaction between 17th and 18th century Black pioneers and Native American; therefore, when and where possible, meetings with local Indian leaders/Councils will be included in the excursion.

THE Charlie Morrisey Research Hall has made incredible strides in its development as the Southwest's best research facility for the presence and the contributions of people of African descent to the US West. Even though budgetary matters has slowed purchases of books and other materials, the Research Hall now holds about 2,000 rare books, documents, photographs, and rare artifacts. However, with prudent financial management and increase in State funds, the following should be achieved; the creation of a The Charlie Morrisey Research Fellows - a cadre of graduate and undergraduate students involved in research. An Annual colloquium will provide the Fellows an opportunity to present their research. I addition, the Hall should develop a second edition of an expanded Charlie Morrisey Collections Traveling Exhibition. And, discussions with the Albuquerque Public Schools to allow high school students visit to the Research Hall count as academic credit towards their graduation is continuing.

Finally, part of the next few years must be devoted to the revival of the dynamism of the Culture and Education Project. Funds for adequate compensation for Visiting Scholars should be sought. The interest must be generated among public school teachers and those graduate students seeking teacher certification.

The end result of our request will be improved services and increased interdisciplinary graduate and undergraduate courses, increased students enrollment, increased faculty and student diversity and a University unique because of its commitment and practice of diversity.

ADDENDUM:
RESPONSE TO RECENT INSTITUTIONAL DIRECTION

The Provost's call for courses about Southwestern parallels African American Studies present direction. Even though the department has two courses which respond in various degrees to the Provost's call, it is imperative that three or more courses about African American contributions to the development of the Southwest in general and New Mexico in particular be developed. But the present state of the department's FTE and the teaching load per instructor, make it impossible to allot faculty time for course development without canceling some required courses and

visiting hardship on students majoring in the program. The solution is clear; African American Studies must hire additional faculty members.

CONCENTRATIONS.

Furthermore, there have been a number of requests from both graduate and undergraduate students suggesting Concentrations in their respective Program of Studies. For example, in areas such as history and political science, African American Studies offers enough courses in those areas to construct a Concentration to undergraduate students but woefully inadequate to meet the demands of graduate students. Even though African American Studies has begun to develop graduate courses to provide concentrations in a few graduate programs, efforts are hampered in major ways by the lack of course development time for the present faculty. Again, the solution is clear, hiring of additional faculty members will alleviate the problem.

GROWTH.

In addition, to the development of courses with Southwestern content, African American Studies has not been able to offer courses in other traditional areas even though there have been continuous request for them. For example, African American Studies has not been able to offer courses in Fine Arts, Sociology, Psychology, and others. African American Studies will like to expand into these areas and the solution is clear, the hiring of additional faculty members.

REQUEST.

Therefore, African American Studies is requesting the hiring of five full time faculty members three of whom will take over the responsibilities for teaching 50% of the required courses. This will release time for the experienced faculty members to (a). develop new courses, which emphasize the Southwest (b) develop 400 and 500 level courses for both graduate and undergraduate courses to respond to graduate and undergraduate students demand for African American Studies concentration in their respective departments and (c) develop courses in Fine Arts and other areas African American Studies should expand into.

Tables

Table 1
Black Non-Hispanic Enrollment by Gender
Fall Semester 1990-2000 and Percent of the Total UNM Student Enrollment

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	?	269	248	272	273	274	286	271	262	288	264
Female	?	226	248	261	258	280	270	295	317	321	291
Total Black Non-Hispanic Students	479	495	496	533	531	554	556	566	579	609	555
% of Total Enrollment Male	?	54.34%	50.00%	51.03%	51.41%	49.46%	51.44%	47.88%	45.25%	47.29%	47.57%
% of Total Enrollment Female	?	45.66%	50.00%	48.97%	48.59%	50.54%	48.56%	52.12%	54.75%	52.71%	52.43%
Total Number of All UNM Students	24,600	25,009	25,135	25,334	24,344	24,431	23,617	23,770	23,744	24,250	23,545
% of Total Enrollment of All UNM Black Non-Hispanic Students	1.95%	1.98%	1.97%	2.10%	2.18%	2.27%	2.35%	2.38%	2.44%	2.51%	2.36%
* Source: Admission and Records Statistics Office, University of New Mexico											

Table 2
Black Non Hispanic Enrollment by Level and Percentage Fall Semester 1990 through Fall Semester 2000 (Comments)

This table shows the levels where the Black Non-Hispanic students are distributed in the University of New Mexico. Most of these students are concentrated in the Undergraduate level with and average of 392 students per year. From 1999 to 2000 the Black Non-Hispanic students enrolled on this level has decreased in 35 students which currently represent a 2.58% of the total UNM's students enrolled on the Undergraduate level.

The Black Non-Hispanic students' enrollment at the Non-Degree has decreased by 37 students from 1990 to 2000. But the enrollment in the Graduate level has increased in 25 students which currently represent a 1.90 % of the total UNM's students enrolled at this level.

Law School, Medical School and Pharmacy represent the levels with least concentration of Black Non-Hispanic students. In terms of representation Black Non-Hispanic students enrolled in Law School from 1990 to 2000 represent an average of 2.69% of the total UNM's students enrolled on this level. This is followed by the College of Pharmacy where the average is 2.22% In the Medical School the Black Non-Hispanic students enrolment from 1990 to 2000 represent an average of 1.12% of the total UNM's students.

Table 1
Black Non Hispanic Enrollment by Gender
Comments

Comparing the average of Black Non-Hispanic students enrolled at the University of New Mexico between 1976-1988 and 1990-2000 (which is the present report), it has increased by 115 new Black Non-Hispanic students. In terms of percent, the Black Non-Hispanic student's community currently represents an average of 2.23% of the total UNM students enrolled. During this length of time 1976-1988 this average was 1.84%.

Since 1991 Admission and Record Statistic Office included the gender of the students enrolled at UNM. The Black Non-Hispanic students community at UNM is composed by almost 50% of male and 50% of female with a little difference in favor of female due a more female enrolled from 1997 to 2000.

Table 2

Black Non-Hispanic Enrollment by Level and Percentage
Fall Semester 1990 through Fall Semester 2000

Category	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%	African American Students	Total UNM	%
	1990	1990	1990	1991	1991	1991	1992	1992	1992	1993	1993	1993	1994	1994	1994	1995	1995	1995	1996	1996	1996	1997	1997	1997	1998	1998	1998	1999	1999	1999	2000	2000	2000
Undergraduate	342	15993	2.14%	360	16047	2.24%	342	16155	2.24%	389	16402	2.37%	391	15686	2.49%	408	15516	2.63%	401	15056	2.66%	398	15146	2.63%	416	15602	2.67%	443	16156	2.74%	408	15803	2.59%
Non-Degree	80	3933	2.03%	78	4022	1.94%	72	3782	1.90%	76	3602	2.11%	70	3312	2.11%	70	3526	1.99%	75	3379	2.22%	73	3289	2.22%	62	2972	2.09%	61	2907	2.10%	43	2469	1.74%
Graduate	45	4060	1.18%	48	4306	1.11%	49	4567	1.07%	55	4679	1.18%	58	4717	1.23%	59	4271	1.38%	59	4113	1.43%	71	4034	1.76%	76	3778	2.01%	72	3716	1.94%	73	3840	1.90%
AGSM	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	5	482	1.04%	6	452	1.33%	6	461	1.30%	7	465	1.51%	11	449	2.45%	8	428	1.87%
Law School	6	328	1.83%	8	334	2.40%	10	335	2.99%	12	342	3.51%	12	330	3.64%	9	335	2.69%	8	339	2.36%	9	343	2.62%	7	332	2.11%	9	351	2.56%	10	346	2.89%
Medical School	3	286	1.05%	2	300	0.67%	3	296	1.01%	1	309	0.32%	0	299	0.00	3	301	1.00%	5	302	1.66%	5	305	1.64%	6	303	1.98%	5	303	1.65%	4	297	1.35%
Pharmacy	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	2	74	2.61%	4	192	2.08%	5	292	1.71%	8	368	2.17%	9	362	2.49%
Total Students	479	24500	1.95%	496	25009	1.98%	496	25135	1.97%	533	25334	2.10%	531	24344	2.18%	554	24431	2.27%	554	23417	2.35%	566	23770	2.38%	579	23744	2.44%	609	24250	2.51%	555	23545	2.36%

* Totals include a "Non Response" Category

* Source: Admission and Records Statistics Office, University of New Mexico

Table 3
Black Non-Hispanic New Beginning Freshman
University of New Mexico, Fall 1990-2000 (and Percent of the Total UNM Freshman Population)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Headcount Total African-American Freshman	51	38	45	59	54	59	51	45	83	87	73
Total (Freshman) UNM	1811	1792	1758	1926	1819	1819	1660	2162	2670	2764	2639
% of Total Freshman Population	2.82%	2.12%	2.56%	3.06%	2.97%	3.24%	3.07%	2.08%	3.11%	3.15%	2.77%

* Excludes Beginning Non- Degree
* Source: Addmission and Records Statistic Office, University of New Mexico

Table 4
Number of Students Enrolled in African American Studies Courses (and Courses Cross-listed) by Semester
Fall 1991 to Fall 2000

	Semester			
School Year	Summer	Fall	Spring	Total School Year
1991-1992	66	159	185	410
1992-1993	208	149	144	501
1993-1994	133	128	132	393
1994-1995	132	117	105	354
1995-1996	113	106	132	351
1996-1997	140	120	152	412
1997-1998	109	168	142	419
1998-1999	63	133	359	555
1999-2000	100	160	154	414
2000	123	173	?	?
* Source: Addmission and Records Statistic Office, University of New Mexico				

8.51

Table 5

Annual Budget
African American Studies Program FY 1999 to FY 2000

Year	Total Amount	Salary	Summer	Summer Institute
1991-1992	103,815	101,679	4,600	25,000
1992-1993	106,944	103,634	6,000	25,000
1993-1994	111,462	107,524	5,151	27,000
1994-1995	117,605	113,506	5,500	20,000
1995-1996	120,829	116,730	5,599	20,360
1996-1997	133,867	129,768	4,000	16,000
1997-1998	132,957	131,373	0	15,000
1998-1999	141,055	139,471	0	0
1999-2000	147,804	146,220	0	0
2000-2001	156,258	154,674	0	0

Table 5
Annual Budget
(Comment)

The General budget of the African American Studies Program has increase from 1991 to 2001 by $ 52,443 dollars, which represent approximately a 50.51% in ten years. Of equal important is the gradual reduction of the budget for the very successful Summer Institute in African American Studies from initial $25,000 to $ 0 by 1998.

ANNUAL REPORT

Department of Chemistry
University of New Mexico
2001-2002

Respectfully Submitted
By Thomas M. Niemczyk, Chair
October 11, 2002

DEPARTMENT OF CHEMISTRY ANNUAL REPORT

July 1, 2001 - June 30, 2002

Thomas M. Niemczyk, Chair

Significant Developments During the Academic Year, 2001-2002

Rick Kemp joined the Chemistry faculty as a Professor of Chemistry in August of 2001. Rick's hiring and the nature of the position, a joint appointment between Sandia and UNM, was discussed in last year's report. Rick has had a significant impact on the Chemistry Department in the short time he has been here, in part because of the nature of his joint appointment. He has been very effective in envisioning how to take advantage of situations where Sandia/UNM joint resources can be used to advantage. Rick is demonstrating the usefulness of a person that is in a position to be a catalyst for interaction between the two institutions.

John Engen, Assistant Professor of Analytical Chemistry, joined the Department in January of 2002. He began his teaching career by taking on the Instrumental Analysis class in the spring semester and has been working hard to get his research program in biological mass spectrometry established.

Building Renovations The Chemistry Department put considerable work and resources into two rooms in the department that will have a significant impact on undergraduate instruction. The first is the Undergraduate Instrumentation Room (Chemistry Rm 117). This room used to house the University Glass Shop. The room was renovated and equipped to accommodate most of the analytical instrumentation that is used in the advanced undergraduate laboratories. A number of undergraduate laboratory courses share this instrumentation. Locating it in a room central to the laboratories allows for much more efficient use by the various classes. Also, supervision of the instrument use and monitoring of instrument status is much more easily accomplished.

The second room is the Chemistry Department Computer Pod. Room 214A was totally remodeled and now houses a pod of twelve PC computers that are all connected to the internet. The computers were given to the Department one year ago by Intel Corporation and have been equipped with software for general purpose use, molecular modeling, graphics, etc. A number of chemistry classes are using the internet to administer quizzes, homework, and supplemental

material. The room is staffed with computer savvy personnel that can provide assistance to students not familiar with the mechanics of using computers.

Renovations on rooms 204 A &B began last summer. These rooms will house the research program of Steve Cabaniss.

Introductory Courses The Chemistry Department has put a considerable amount of effort into the improvement of the introductory chemistry courses. It was decided last spring to reintroduce the Chemistry 131/132 (Advanced Introductory Chemistry) sequence. We had dropped this sequence from the curriculum about five years ago due to shortage of faculty. Last spring it was decided to reintroduce this course in the fall of 2002, which we have done. The students in this course are generally well prepared, bright, motivated, and interested in science. We can give these students a much better experience than we can in the very large 121/122 sequence.

Donation In the fall of 2001 the Chemistry Department was the beneficiary of a very generous gift from Ignacio Tinoco, Jr. The gift was used to establish a scholarship in memory of his late wife, Joan Willard Hemsing Tinoco. Both Joan and Ignacio were chemistry majors at UNM graduating in 1951. The scholarship was awarded the first time for the fall of 2002 to Louanna VanWinkle, a Native American senior chemistry major.

Staff The Chemistry Department staff was completely reorganized under the leadership of Carol Gislason, the Department Administrator. Of particular note is that the position of Coordinator of Undergraduate and Graduate programs was redefined and upgraded, and a new person, Dr. Michele Penhall, was recruited to fill the position. We will be able to provide much better administrative service to the undergraduates in our program, do a much better job recruiting high quality graduate students, and do a better job administering the graduate program with Dr. Penhall on the staff.

Promotions Lorraine Deck was promoted to Professor and Deborah Evans was granted tenure and promoted to Associate Professor.

Significant Plans and Recommendations for the Near Future

Hiring Plans The Department has initiated a search for an assistant professor with interests in organic materials chemistry or bioorganic chemistry. We hope to complete the interviews for this position prior to the end of the fall semester. If we are successful in recruiting a person to fill this position the organic division should have sufficient numbers to cover the teaching of organic

classes without the need, at least on a regular basis, of part-time instructors. We have had to rely on at least one part-time instructor to cover a section of introductory organic chemistry (301/302) each semester. Chemistry 301 and 302 are two of the classes the University has identified as classes with a high fraction of unsuccessful students who register for them.

The Department is significantly short of physical chemists, a situation made more acute with the unexpected retirement of Don McLaughlin last summer. We will request permission to begin a search for a physical chemist next year.

Space If the Department is successful in recruiting an organic chemist this year, and a physical chemist the next year, we will have filled all available research laboratories in the Chemistry Building. We are already short of office space. This situation will likely become more critical in the next few years as there will likely be some retirements of older Chemistry Faculty. Walters, Morrow, Deck, Paine and Niemczyk all have thirty or more years of service at UNM. Enke has eight years of service at UNM following a long career at Princeton and Michigan State. Enke and Morrow have no research space, and Walters has only a very small lab. Thus we could be faced with retirements where no space was vacated to offer to a perspective replacement.

The Department is attempting to provide more sources of help to students in the introductory chemistry sequences. We are trying to offer "Focus" sessions where the students can meet with an instructor in a small group and work on a specific topic. Finding rooms in which to hold these meetings is an ongoing problem. In addition to the research and office space discussed above, Chemistry needs two or three small meeting rooms.

Part-Time Instruction The University must recognize that dependence on part-time instructors to make up for insufficient numbers of full-time faculty is not an appropriate choice for the Chemistry Department. This mode of operation might work well in some departments where there is a pool of qualified people willing to assume part time teaching roles. There is no such pool of chemists in the Albuquerque area that we can rely on. The national rate of unemployment for chemists is less than 2%, and most of the unemployed are probably unemployed by choice. In the spring of 2002 we advertised for people interested in teaching in the 2002 summer session. We received no qualified applicants based on these advertisements. We had to advertise for several positions for the fall 2002 semester, and got only two qualified applications. Finding qualified part-time instructors is going to be a continuing problem that will

only be solved by hiring a sufficient number of full-time faculty to cover the chemistry curriculum.

In general, the part-time faculty we do hire participate in the teaching of introductory chemistry classes. The quality of instruction provided by the part-time instructors we are able to hire, and the total lack of continuity, are contributing factors to the large number of students who find it difficult to successfully complete introductory chemistry courses.

Graduate Recruitment As discussed above, there is a shortage of domestically trained undergraduates in chemistry. Nationally, undergraduates who receive their training in the US make up about 40% of the graduate students in graduate programs in chemistry. Thus, competition for well-prepared and motivated graduates is keen. The stipends that we can offer applicants lag behind those offered by neighboring institutions. In general, we ask our teaching assistants to work more hours than neighboring institutions. The chemistry department is committed to working hard at graduate recruitment, and will devote significantly more resources to the recruitment effort this year. The recruitment of good graduate students will directly affect the quality of instruction in chemistry, and the quality of research carried out in the department. The University could impact the recruitment effort by working to keep the teaching assistant stipends and work loads in chemistry competitive with those of the neighboring institutions.

An additional complication that occurred this year was that only one of ten foreign students to whom we had made offers of Teaching Assistantships was able to secure a visa to enter the country. We (as were almost all chemistry departments in the US) were caught totally unaware that there was going to be a problem. We made all of our offers of teaching assistantships prior to April, as we have always done in the past. In prior years this allowed sufficient time for the students to secure their visa. However, in prior years these students would not receive their visas until early August, so we did not know there was going to be a problem until a few days prior to the start of the fall semester. At that point we were left with many lab sections for which we had to find instructors. From what we have read, simply allowing for more time to process the visa applications will not solve the problem. We are left with the problem of being very uncertain about how many, if any, of the foreign students to whom we make assistantship offers will actually be able to enter the country. That makes it impossible to plan for the teaching of the many lab sections that are taught every semester in the Chemistry Department. The University might be able to aide the Chemistry Department in dealing with this situation.

Appointments to Faculty/Staff

Steve Cabaniss was hired as Professor of Analytical/Environmental Chemistry. His presence considerably strengthens the analytical division that has been short of faculty since the departure of Ignacio Villegas two years ago. The Cabaniss hire was an opportunity made possible due to the hiring of his wife, Julia Fulgham, to be Chair of the Chemical and Nuclear Engineering Department. The Department had been searching for an analytical chemist during the year and identified a candidate, Jerilyn Timlin, to whom an offer was made. Dr Timlin eventually chose to take a permanent position at Sandia, so the opportunity to hire Cabaniss came at a very opportune time for the Department.

The Department carried out a search for an assistant professor of organic chemistry during the year. An offer was made and accepted by Paul Bentley. Paul will start at UNM in January of 2003.

Carol Gislason was hired as the Chemistry Department Administrator. She had like experience at UMDNJ/Rutgers University and started at UNM in November of 2001.

Michelle Penhall was hired to be the Chemistry Department Coordinator for Undergraduate and Graduate programs.

Peter Ridlington was hired as an accounting technician.

Separations of Faculty/Staff

Fritz Allen, Professor of Chemistry, retired from UNM effective at the end of June 2001. He had been serving in the Dean's office for the last two years.

Don McLaughlin, Associate Professor of Chemistry, retired from UNM at the end of June 2002.

Ovella Minson, Graduate and Undergraduate Coordinator, retired from UNM as of February 2002.

Anna Morrato, Department Administrator, left the Chemistry Department in August of 2001 for a position in Research Services.

Publications of Individual Faculty

James A. Brozik:

G. D. Meyer, T. P. Ortiz, A. L. Costello, J. W. Kenney, III and J. A. Brozik* "A Simple Fiber-Optic Coupled Luminescence Cryostat" *Review of Scientific Instruments*, In Press.

Elizabeth L. Patrick, Chad J. Ray, Grant D. Meyer, Theodore P. Ortiz, Jason A. Marshall, Melissa A. Summers, John W. Kenney, III and James A. Brozik* "Non-Localized Ligand-to-Metal Charge Transfer Excited States in $(Cp)_2Ti(IV)(NCS)_2$" *Journal of the American Chemical Society*, Submitted October 1 2002.

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Thomas M. Niemczyk:
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Outside Professional Activities

James A. Brozik

J. A. Brozik "Molecular Symmetry and Time-Resolved Infrared Spectroscopy" Thermo Nicolet Technical Symposia Series, Vancuver Vancouver, B.C., November 2002.

J. A. Brozik "Localized vs. Non-Localized Excited States in Charge Transfer Molecules and Polymers" University of Washington, Seattle, WA, October 2002.

J. A. Brozik "Localized vs. Non-Localized Excited States in Charge Transfer Molecules and Polymers" University of Oregon, Eugene, OR, October 2002.

J. A. Brozik " Excitons in One-Dimensional Transition Metal-Polymers" University of Virginia, Charlottesville, VA, April 2002.

J. A. Brozik "Energy Conduction in Conjugated Organometallic Polymers" Washington State University, Pullman, WA, March 2002.

J. A. Brozik " Time Resolved Infrared Spectroscopy in Low Temperature Glasses and Plastics " University of Idaho, Moscow, ID, March 2002.

Abstracts and Presentations

R. W. Davis, B. Ray, T. P. Ortiz, E. L. Patrick, J. A. Brozik and S. M. Brozik "Toward Simultaneous Spectroscopic and Electrochemical Characterization of Membrane Ion Channel Proteins" 17th Rocky Mountain Regional American Chemical Society Meeting, Albuquerque, NM, October 2002.

T. P. Ortiz, A. L. Costello and J. A. Brozik "Time-Resolved Infrared Studies of Re_4(4,4'-Bipyridine)$_4(CO)_{12}Cl_4$ and Re(2,2'-Bipyridine)$(CO)_3Cl$ in Solid Matrices at 77 K" 17th Rocky Mountain Regional American Chemical Society Meeting, Albuquerque, NM, October 2002.

J. Yang, M. Fallbach, J. A. Brozik, G. P. Lopez "Design and Characterization of Optically Triggered Photomechanical Polymers" 17th Rocky Mountain Regional American Chemical Society Meeting, Albuquerque, NM, October 2002.

A.L. Costello, T. P. Ortiz, C. J. Ray and J. A. Brozik "Emergy Localization in the Excited States of Organometallic Pt(II) and Pd(II) Compounds" 17th Rocky Mountain Regional American Chemical Society Meeting, Albuquerque, NM, October 2002.

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Patents

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L.M. Deck and D.L. Vander Jagt, Inhibitors of Cholesterol Esterase, US Patent 6.114,545 (2000).
D.L. Vander Jagt, L.M. Deck and R.E. Royer, Hydroxynaphthoic Acids, US Patent 6,124,498 (2000).

Poster Presentations

Title	Meeting	Dates
Inhibition of Cholesterol Esterase from Candida cylindracea by Substituted Pyrones	Biochemistry Meeting	2001
The Cofactor Binding Site of Human 17-□-Hydroxysteroid Dehydrogenase Type 1 as a Drug Target	Biochemistry Meeting	2001
Computational Design of New Anti-metastatic Drugs	Biochemistry Meeting	2001
The Cofactor Binding Site of Human		

17-□-Hydroxysteroid Dehydrogenase Type I as a Drug Target	FASEB, Orlando, FL	2001
Selective Inhibition of Cholesterol Esterase from Candida *cylindracea* by 3-Alkyl-6-chloro-2-pyrones	FASEB, Orlando, FL	2001
Structure Based Design of Bi-functional S1-site Inhibitors of Human Urokinase Type Plasminogen Activator	AACR, San Francisco, CA	2002

Reviewing for Journals

Journal	Year
J. Heterocyclic Chemistry	1969-date
Tetrahedron	1996-date

Reviewing Proposals for National Funding Organizations

Proposals	Number	Year
NSF	1	2001
NSF Western Alliance Expand Student Opportunities	30	2001
NSF Western Alliance Expand Student Opportunities	30	2002

Meetings	Location	Date
Southwest Regional ACS Meeting	San Antonio, Texas	2001
Federation of American Societies For Experimental Biology	Orlando, FL	2001
American Association for Cancer Research	San Francisco, California	2002

John R. Engen

Invited Speaker, 1st Annual NM Genomics Symposium, March 29, ABQ, NM
Invited Presentation, EMBO Fellows Meeting, April 15, Heidelberg, Germany
Invited consultant on protein aggregation studies of transmissible spongiform encephalopathies (BSE, madcow disease), Dept of Environmental, Food & Rural Affairs UK equivalent of US-FDA), May 24, London, United Kingdom

Christie Enke

served as expert witness in two patent infringement cases
Served on a national panel for the creation of an Analytical Sciences Digital Library
Served as reviewer for 3 journals and 12 publications
Presented invited papers at 3 national meetings
Presented an invited symposium at the University of Wisconsin

Deborah Evans

Conferences:
Invited Lecturer: Wyoming School on Moelcular Wires: July 2002
Plenary Lecturer: ACTC Conference: June 2002
Invited Seminars:
Ohio state, U Cincinnati, UCLA, U. of Oregon, Brown U., Georgia Tech, Emory U.

Hua Guo
Advisory board, Institute of Theoretical and Computational Chemistry, Nanjing University, China
Editorial board, Journal of Theoretical and Computational Chemistry
American Chemistry Society National Meeting, Chicago, 2001, two invited talks
International Workshop on Quantum Dynamical Concepts, Dresden, Germany, 2002, invited talk

David Keller
NIH Bioengineering Program Review Panel, Feb. 2002
NIH Program Resource Center Panel, Oct. 2001
NSF Molecular Biophysics Panel, April 2002
NSF Molecular Biophyscis Panel, October 2001
Sandia National Labs Grand Challenge Review Panel, June 2002

Richard A. Kemp
Patent Applications:
R.A. Kemp, L. Chen, and T.L. Nemzek **Improved Olefin Polymerization Catalyst Compositions and Method of Preparation**, assigned to Dow Chemical Company.
R.A. Kemp, L. Chen, and T.L. Nemzek **Improved Olefin Polymerization Catalyst Compositions and Method of Preparation**, assigned to Dow Chemical Company.

Vice-Chairman, Gordon Research Conference on Inorganic Chemistry, 2001
Inaugural Speaker in Los Alamos Postdoctoral Staff Seminar Series, 2002
Invited Participant, DOE Basic Energy Sciences Workshop, Catalysis, 2002
Organizer, DOE National Laboratory Catalysis Conference, Richland, WA, 2002

Martin L. Kirk

Professional Activities
National Science Foundation - Proposal Panel Reviewer
Petroleum Research Fund - Proposal Reviewer
Journal Reviewer - Journal of the American Chemical Society
Journal Reviewer - Inorganic Chemistry
Journal Reviewer - Polyhedron
Journal Reviewer - Canadian Journal of Chemistry
Journal Reviewer - Journal of Coordination Chemistry
Reviewer - ACS Books

Recent Invited Talks at International Meetings
ACS National Meeting - Pyrazolylborate Symposium - *Small Molecule Analogues of Sulfite Oxidase and Xanthine Oxidase: Spectroscopy, Bonding, and Electronic Structure.* New Orleans, Louisiana, 4/03.

Molybdenum and Tungsten Enzymes Gordon Conference - *The Mechanism of Sulfite Oxidase: From Biomimetic Compounds to Plant SO.* New Hampshire, 7/03

National Science Foundation Inorganic Chemistry Workshop - *Metal-Ligand Redox Interplay and Molecular Bistability: Toward Multi-Property Magnetic Materials.* Santa Fe, New Mexico 4/02.

International Coordination Chemistry Conference - *Mo-S π-Bonding Contributions to Electron and Atom Transfer Reactivity in Pyranopterin Molybdenum Enzymes.* Heidelberg, Germany 7/02.

Inorganic Gordon Conference - *Mo-S π-Bonding Contributions to Electron and Atom Transfer Reactivity in Pyranopterin Molybdenum Enzymes.* Newport, Rhode Island 7/02.

Molybdenum and Tungsten Enzymes Gordon Conference - *Spectroscopically Derived Mechanism of the Reductive Half-reaction in Xanthine Oxidase.* Queen's College, Oxford, UK 7/01.

ACS National Meeting - Tutorial on Paramagnetic Resonance Techniques for Biomolecules - *MCD Spectroscopy as a Probe of Ground and Excited State Electronic Structure.* Orlando, Florida, 4/02.

Robert T. Paine

Patents

Issued

R.T. Paine, W. J. Kroenke, E. A. Pruss U.S. Patent No. 6,348,179 BI February 19, 2002 "Spherical Boron Nitride Process, System and Product of Manufacture".

Application

R.T. Paine, W. J. Kroenke, E. A. Pruss U.S. Patent Appl. Ser. No. 10/131,301 (Provisional Pat. Appl. No. 60,374,966) April 23, 2002 "Organoboron Route and Process for Preparation of Boron Nitride".

Invited Talks

"Frontiers in Chemistry" UNM Showcase, KUNM Aug. 22, 2001.
"Selective Extractants for Actinide Ions" DOE Program Review, LANL, August 2, 2001.
"Aerosol Synthesis of Boron Nitride" Advanced Ceramics Corp. Cleveland, OH November 8, 2001.
"Design of Molecular Fishhooks" Washington State University, December 3, 2001.

Contributed Papers at Professional Meetings

"Synthesis of New Phosphino pyridine ligands for f-Element Chelation" S. Parveen, E. Duesler and R. T. Paine, American Chemical Society Meeting, Aug. 2001.

"Is There Anything New in Acid-Base Chemistry" T. Habereder, R. T. Paine, H. Nöth and D. Dreissig, Boron Americas Conf., Jan. 3, 2002.

"Simple and Complex: The Reactions of $PhBCl_2$ with $P(SiMe_3)_3$" T. Habereder, J. E. Janik, R. T. Paine and H. Nöth, Boron Americas Conf., Jan. 3, 2002.

"Recent Advances in the Aerosol Synthesis of Boron Nitride" G. L. Wood, J. F. Janik, R. T. Paine and D. Dreissig, Boron Americas Conf. Jan. 3, 2002.

Professional Activities

DOE-Basic Energy Sciences Review Committee.
DOE - Proposal Review Panel.
ACS-Committee on Professional Training Visiting Associates Panel.
ACS Canvassing Committee for ACS Award in Organometallic Chemistry.
NRC/NAS Postdoctoral Review Committee.

David L. Tierney
Invited Speaker at ACS National Meeting in Orlando, April 2002

Richard Watt
Reviewer, Organic Textbook, Prentice Hall

Outside Sponsored Research

James A. Brozik
"Spectroscopic Characterization of Transmembrane Protein Reactivity/Restructuring within Lipid Layers and/or whole cells" J. Brozik (PI); Sandia National Laboratory February 2002 - September 2002, $15,000

"Smart Coatings for the Prevention and Release of Marine Biofouling" G. Lopez (PI), J. Brozik (Co-PI); ONR March 2002 – February 2005, $390,000.

"Mechanics and Mechanisms of HIV Reverse Transcriptase" D. Keller (PI), J. Brozik (Co-PI), P. Ambrose (Co-PI); NIH August 2001 – July 2004, $750,000.

"Cross-Disciplinary Optics Research and Education" W. Rudolph (PI), J. Brozik (Co-PI), G. Lopez (Co-PI), M. Sheik-Bahae (Co-PI), S. Stricker (Co-PI), D. Keller (Participant), S. Prasad (Participant), N. Vadiee (Participant), K. Malloy (Participant), M. Werner-Washburne (Participant); NSF October 2001 – August 2006; $2,434,652.

"Molecularly Engineered Biomimetic Nano-assemblies" A. Shreve (PI), H. Wang (Co-PI), A. Bradbury (Co-PI), J. Shelnutt (Co-PI), D. Sasaki (Co-PI), J. Brozik (Co-PI), D. Evans (Co-PI), A. Parikh (Co-PI), V. Lin (Co-PI), DOE (NSET) October 2002- September 2007; $3,750,000 (This was submitted through LANL we will be subcontracted for $40,000 per year for five years; $200,000 total).

Steven Cabaniss
"Collaborative Research: ITR/AP (DEB) Stochastic Synthesis: Simulating the Environmental Transformations of Natural Organic Matter", $500,000 from the NSF over three years (2001-2004) PI, with co-PIs L. Leff, P. Maurice, G. Madey, and R. Wetzel. SEC share ~50%.

"An Integrated Study Of The Controls On Reactivity Of Natural Organic Matter In Porous

Media.", $224,800 from the NSF over three years (2001-2004) sole PI (collaborating with P. Maurice, who has a parallel grant at Notre Dame. SEC share 100% of this award.)

Lorraine M. Deck

Proposals Submitted

Structure Based Design of Selective Urokinase Plasminogen Activator Inhibitors as Potential Therapeutics for Breast Cancer Metastasis; **PI**	DOD-BCRP	$446,000	2002-05

Title	**Agency**	**Amount**	**Dates**
Research Experiences for Undergraduates in Chemistry at the University of New Mexico; **PI**	NSF	$165,000	1999-01
Selective Inhibitors of 17-□Hydroxysteroid Dehydrogenase; **co-PI**	DOD-BCRP	$150,000	2001-03
Synthesis of Selective Inhibitors of 17-□Hydroxysteroid Dehydrogenase; **PI**	DOD-BCRP	$66,000	2000-03
Irreversible Inhibitors of Cholesterol Esterase For the Prevention of Cholesterol Absorption; **PI**	NIH-AREA	$138,000	2001-04

Debra Dunaway-Mariano

"Investigation of Pyravate Phosphate Dikinase" 2002-2006 ?@ $ 175, 000 direct cost for the first year and (?@ $ 150,000 direct cost for each of the three years that follow. The total award is for $625,000 direct cost and the University of New Mexico receives an additional $ 312,500 in indirect cost.

"Enzyme Mechanisms" budget is $250,000 direct cost for the first year and $ 225,000 for each of the four years that follow. The total award is for $ 1, 275,00 direct cost and the University of New Mexico receives an additional $ 637, 500 in indirect cost.

"Phosphonatase Structure and Mechanism".2000-2004 Karen Allen (Boston University) and I share this grant as co-P.I.s. I receive $ 75,000 per year in direct cost. The total award to me is $300,000 in direct cost and the University of New Mexico receives an additional $ 150,000 in indirect costs.

1 participated in the University NIH N4ARC grant that was awarded in the year 2000 for 5 years. This grant awards competitive research fellowships @ $15,000 per year to minority undergraduate students at the University of New Mexico. Professor Kate Vogel (Department of Biology) is the P.I. Ms. Brenda Garcia has been awarded a fellowship and has been working as an intern in my laboratory this past year.

John R Engen

"Protein unfolding / refolding during mitochondrial import", NIH-BRIN, 09/01/01-08/31/04, $150,000

Deborah Evans

New sources of funding:
DepsCor Award with Scott Tyo, EE

DOE grant with Schreve (LANL), Brozik (UNM)

Hua Guo
Petroleum Research Fund, Type AC, 2000-2002, $60,000 'Quantum Dynamics of Scattering and Desorption of Polyatomic Molecules from Solid Surfaces'

National Science Foundation, 2001-2003, ~$300,000 'Theoretical Studies of Spectroscopy and Dynamics of Molecular Systems'

David Keller
Mechanics and Mechanisms of HIV Reverse Transcriptase, David Keller, James Brozik, William P. Ambrose, NIH, $887,000 7/1/01-6/30/04

Interfaces in Ultracapacitors for Electric Vehicle Applications DOE, $365,000 4/16/98-4/15/02

Development of an FT-IR/AFM System for Nanoscale Diagnostics David Keller (through Christine Wehlberg, SNL) Sandia National Labs $30,000 6/01-9/01

Investigation and Modeling of Methods to Improve Resolution in IR Imaging David Keller (through Christine Wehlberg, SNL), Sandia National Labs $20,000 4/16/02-9/15/02

Richard A. Kemp
National Science Foundation, 2002-2005, $420,000 **Fixation of CO_2 For Use in Radiopharmaceuticals**
Sandia Lab Directed R&D (LDRD) Program, 2001-2004, $300,000
Support-Active Site Interactions in Heterogeneous Catalysts
Sandia Lab Directed R&D (LDRD) Program, 2002-2005, $750,000
Beyond Nanoparticles - Attack on a Chemical "Holy Grail"
Sandia Lab Directed R&D (LDRD) Program, 2002-2005, $200,000
Decomposition of Contaminants Using Photochemically Active Nanoparticles
Dow Chemical Company, 2001-2003, $150,000
Morphology Control in Polyolefin Catalysts

Martin L. Kirk
Spectroscopic Studies of Molybdoenzymes and Models, Martin L. Kirk, P. I., Public Health Service Grant, National Institutes of Health, 6/1/02 - 5/31/06, $1,300,000

Metal-Ligand Redox Interplay and Molecular Bistability in, Quinoxaline-Based Complexes Martin L. Kirk, P. I., Petroleum Research Fund, 6/1/02 - 5/31/04, $80,000

XAS Studies of High-Valent Mo-oxo Sites, Martin L. Kirk P. I., Beamtime Support Stanford Synchrotron Radiation Laboratory, Purchase and Acquisition of a 35GHz EPR/ENDOR Spectrometer, Martin L. Kirk, P. I., National Science Foundation, 8/1/02 - 7/30/04, $450,000

Patrick S. Mariano
NIH: Novel Approaches to Alkaloid Synthesis, 03/01/01-02/28/05, $988,454
ACS-PRF: Dipoles by Photochemical Methods, 05/01/00-08/31/02, $60,000
NSF: Preparative Electron Transfer Photochemistry, 03/01/02-02/28/05, $376,000
NSF: Cooperative Program on SET Photochemistry, 12/01/01-11/30/04, $28,695

Thomas M. Niemczyk
Sandia National Laboratories, $245,937. Determination of Type III Desiccant Adsorption Isotherms, 7/29/98 – 12/31/02
Army Research Office, $240,000. Infrared Stark Effect Spectroscopy for Interface Characterization, 6/16/99 – 2/20/02

Robert T. Paine

Department of Energy, 6/00-5/03, $415,000, "Preorganized and Immobilized Ligands for Metal Separations."
National Science Foundation, 10/99-9/02, $250,000, "Synthesis and Processing of Spherical Morphology Boron Nitride."

NSF/CMEM, 4/01-3/02, $100,000, "Ceramic Filled Polymer Composites."

National Science Foundation, 6/00-5/03, $310,000, "Ring and Cage Assemblies for Main Group Elements."

PGRF 1/2-12/02, $50,000 "Development of New Imidophosphorones".

INEEL 1/2-9/02, $35,000 "Development of Metal Selective Chelating Agents".

David L. Tierney

National Science Foundaiton "Acquistion and Construction of a 35GHz EPR/ENDOR Spectrometer, $440,000 (Co-PI)

Richard Watt

Sandia University Research Proposal Grant; Studies on the Assembly of the Manganese Cluster of Photosystem II. $35,000

Department of Foreign Languages and Literatures
Annual Report
July 1, 2001-June 30, 2002
Submitted by Professor Warren S. Smith, Chair Oct. 2, 2002

The Department of Foreign Languages and Literatures has completed a decade as a separate unit formed when Modern and Classical Languages divided into Spanish/Portuguese and FLL. The department offers four different graduate degrees: a Ph.D in French Studies, and an MA in Comparative Literature/Cultural Studies, in French, and in German. The department offers six different undergraduate degrees: a B.A. in Classics, French, German, Italian, Japanese, Russian, and Comparative Literature.

There were two departures from the faculty in 2001-2002, and one addition. Diana Robin, Professor of Classics, retired and moved to Chicago, where she continues to pursue research actively. Her departure is a great loss to the Cultural Studies program of which she has been largely the creator. Deborah Jenson, Associate Professor of French with a distinguished publishing record, departed for the University of Wisconsin. Prof. Robin's replacement in Classics is Joseph McAlhany, a Latinist who has recently completed his doctoral dissertation in Classics at Columbia University (subject: the *Roman Antiquities* of Marcus Terentius Varro) and is a very promising teacher and scholar. The replacement for Prof. Jenson has not yet been approved but is promised by 2004-2005.

Monica Cyrino, Associate Professor of Classics, stepped down as departmental chair after serving two years. The new chair of FLL is Warren Smith, Professor of Classics, who began the duties of a three-year term in the summer of 2002 . He is assisted in office operations by the able staff headed by Wilma Williams, Department Administrator; Susanne Knoblach, Administrative Assistant (half-time), and John Owen, now a full-time administrative assistant.

Individual faculty members continued an impressive record of publications and service. Susanne Baackman served as director of the prestigious German Summer School in 2001. Stephen Bishop was director of the European Studies program and in spring, led a group of students to France and the Cannes Film Festival. Lorna Brau in Japanese completed her first year in tenure-track status, and continued as an innovative teacher to teach new courses on Japanese life. Natasha Kolchevska received a $123,000 federal grant for an NEH Summer Institute on *Opera: Giving Voice to Culture*, held in summer 2002. Byron Lindsey led the Moscow Summer Study in 2001, and a seminar in Budapest in 2002. Peter Pabisch received the Award for UNM Faculty Member of the Year in International Studies.

The teaching mission of the department was supplemented by the hard work of several part-time instructors. One of the new chair's long term goals for the department is to move some or all of these part-time people into tenure track status. Machicho Bomberger taught several sections of Japanese; Jian Zhu handled the entire Chinese program and Rachele Duke the entire Italian program, in addition to teaching a course on Dante in the

summer session of 2002. Marina Peters-Newell coordinated the lower division sections of French, taught several courses, organized the Language Expo weekend in the spring which brought hundreds of high school language students to the campus, and organized the weeklong program for Teaching Assistants in the department.

Due to an influx of 500 more freshmen students at UNM than last year, enrollments were up for us this fall, notably in Classics where Monica Cyrino's Myth class had over 300 students and there were enough Latin students for four sections of 101 and two of 201. French had nearly 500 students, its largest figure in several years.

The Comparative Literature/Cultural Studies program lost its able director, Diana Robin, but Pamela Cheek and Byron Lindsey are now directors and have some progressive ideas for the development of the program. Its listing in the new catalogue will recognize Classics as an important area of concentration for the graduate student. The department intends to coordinate its summer programs abroad in Greece, (Monica Cyrino), France (Stephen Bishop), and Russia (Natasha Kolchevska), standardizing the costs and requirements and listing them in a common brochure. Peter Pabisch's Atlantic Bridge program coordinates various European programs at UNM and one of its goals for the coming year is to secure the lease of Schloss Dyck, the German castle which may become a center for UNM activities in the future.

The department has one professor up for third year review this fall (Stephen Bishop); another is up for tenure and promotion to Associate Professor (Katrin Schroeter); and a third up for promotion to full professor (Natasha Kolchevska). The department is up for a review of its graduate program by outside evaluators in the spring and has already begun its self-study which hopefully will lead to a greater sense of self-awareness and unity. Ten years after separating from the Modern and Classical Languages Department and going its separate ways along with Spanish and Portuguese, FL&L is strong and ready to resume plans and social events in the company of their old compadres, the Spanish and Portuguese faculty.

Faculty publications are summarized below followed by outside activities, awards, and grants.

Department of Foreign Languages & Literatures
Faculty Publications
Annual Review 2001-2002

Susanne Baackmann

Book review for Daniela Strigl. *Marlen Haushofer. Die Biographie.* München: Claasen, 2000. Anke Bosse, Clemens Ruthner (Eds.). "*Eine geheime Schrift aus diesem Splitterwerk enträtseln...*" *Marlen Haushofers Werk im Kontext.* Tübingen und Basel: 2000.

Stephen Bishop

"Temoignages du sang: La Justice des vieilles familles dans Kamouraska" in The Art and Genius of Anne Hebert ed. By Janis Pallister Farleigh Dickinson UP 2001: p 264-73.

Seven entries totaling 15 pages for the Encyclopedia of African Literature ed. By Simon Gikandi, Oxford UP, 2002

Pamela Cheek

"Sexual Antipodes: Enlightenment Globalization and the Placing of Sex"

Monica Cyrino

Book Reviews:
The Daily Life of the Greek Gods by Giulia Sssa and Marcel Detienne, in *Journal of Anthropological Research* 57 (2001) 237-38.

The Ancient World in the Cinema by Jon Solomon, in *Classical Outlook* 79.4 2002 p. 169

Natasha Kolchevska

BOOK: *Nihilist Girl*, N. Kolchevska, translator (New York: Modern Language Association, 2001) 139 pp.

BOOK: *Nigilistka*, N. Kolchevska, editor (New York: Modern Language Association, 2001) 139 pp.

Book Review: *Memoire de la Russie: Identite Nationale et Memoire Collective* in *Canadien-American Slavic Studies*, Winter 2001, 186-187

Byron Lindsey

"Il Mistero Dmitri Bakin." Afterword to *Terra d'origine*, by Dmitri Bakin. (Rome: minimumfax, 2002) 153-157.

Peter Pabisch

Book, edited (with Achim Thyssen): *Die Wiener Gruppe: Im Gedenken an H.C. Artmann* (Krefeld, Germany: van Acken, 2001). 92pp.

Book chapter: "Alois Vogel in Albuquerque," in: Gerhard Winkler, ed., *Alois Vogel 80: Erinnerung, Danksagung, Gratulation und Textanalyse* (St. Pölten: Literaturedition Niederösterreich, 2001), 81-84 pp.

Walter Putnam

"Gide et le spectacle colonial." *Bulletin des Amis d'André Gide* 29: 131/132 (July – October 2001): 495-511.

Katrin Schroeter

"So lasst mich scheinen, bis ich werde": Ädrogynie in Johann Wolfgang Goethes *Wilhelm Meisters Lehrjahre*" Jahrbuch für Internationale Germanistik, 2002

Warren Smith

Book chapter "Apuleius and Luke: Prologue and Epilogue in Conversion Contexts" in *A Companion to the Prologue of Apuleius' Metamorphoses* ed. Kahane and Laird (Oxford 2001), pp. 88-98.

Review of *Apuleius: Metamorphoses X* ed. M. Zimmerman (Groningen 2000) in *Bryn Mawr Classical Reviews* (electronic journal), December 2001 (3 pages).

Review of *Boethius: Consolation of Philosophy* trans. P.G. Walsh (Oxford 1999), in *Ancient Philosophy* Winter 2001 pp. 534-536.

Review of *Apuleius: The Golden Ass* trans. E.J. Kenney (Penguin 1998) in *International Journal of the Classical Tradition* (Winter 2001), pp. 435-437.

Department of Foreign Languages & Literatures
Outside Professional Activities, Awards & Grants
Annual Review 2001-2002

Susanne Baackmann

- Completed and submitted article on Memory Work in Recent Films: "Reconfiguring the Witness of the Holocaust: The Child as a Lieu de Mémoire in Marianne Rosenbaum's Film *Peppermint Frieden*. Submitted to PMLA in December 2001.

- Proposal for a talk at the national conference at the German Studies Association entitled "Bodies of History, Bodies of Memory. Imaginations of History in Anne Duden's *Das Judasschaf* and Gert Hoffmann's *Unserè Vergesslichkeit*" was accepted, yet did not travel because of 9-11.

- Talk at Anderson School of Business for Seminar Participants traveling to Germany.

Stephen Bishop

- Co-prepared application for recognition of "Law as Literature" as an MLA Discussion Group (accepted).
- Elected Secretary (3 year term position) of MLA Discussion Group "Law as Literature".
- Presented "The Rhetoric of Illegal Literary Persuasion" at Law & Society Conference, Budapest, July 2001
- Session organizer, "Rhetorical Answers in Literature and Law," Law & Society Conference, Budapest, July 2001

Lorna Brau

- Revision of Rakugo Fans at Play, a chapter of the entitled, Fanning the Flames: Fans and Consumer Culture in Contemporary Japan (William Kelly, ed.) is presently under review at SUNY Press. Currently revising material from dissertation for a book on contemporary Japanese comic storytelling performance.
- Organized and catered Asian Studies Spring Reception.
- Participated in International Festival, Foreign Languages & Literatures Fair for Albuquerque public school students.

Pamela Cheek

- "Sexual Antipodes," Group for Early Modern Cultural Studies, Philadelphia, PA, November 15, 2001.
- Article Referee, 2001, *Studies in Eighteenth-Century Culture*

Monica Cyrino

- Classical Film Philology: *Gladiator* as Visual Text and Intertext." Classical Association of the Middle West and South, Special session with Martin Winkler and Jon Solomon. University of Texas at Austin, Texas. 4-6 April 2002.
- "Heroes at High Noon: the *Iliad* and the American West." Rocky Mountain Modern Language Association, Session on Classical Languages and Literatures-Greek. Vancouver, BC, Canada. 11-13 October 2001 (in absentia).
- "The Look of Love: the Identity of the Goddess in Alkman's Louvre *Partheneion* (PMG 1)." Classical Association of the Middle West and South, Session on Greek Poetry. Brigham Young University, Provo, Utah. 18-21 April 2001.

Natasha Kolchevska

- Federal Grant: NEH Summer Institute for Teachers: *Opera: Giving Voice to Culture*, Summer 2001-2002, $130,000
- "Displacement and Memory in Russian Women's Autobiographical Writing," paper read at national meeting of American Association of Teachers of Slavic & E. European Languages, New Orleans, December 2001.
- "Teaching Pushkin and Tchaikovsky in the 21st Century," paper read at the National Endowment for the Humanities, Washington, DC, November 2001.
- "Putting One's Life in Italics: Nina Berberova and the Life's Performances," paper scheduled to be read at the *Colloque du Berberova*, Arles, France, October 2001, (read *in absentia* due to 9/11).

Byron Lindsey

- "Filming Russia for the Classroom: from the Scenario to the Rough Cut," Central Association of Russian Teachers of America, Annual Conference, Dallas, April 6-8
- "Mapping the Void: Design as Discourse in Viktor Pelevin's *Chapaev i Pustota*," American Association for Advancement of Slavic Studies, National Convention, Crystal City, Virginia, November 15-18, 2001.

Peter Pabisch

- "Goethe-Germany's Shakespeare" Cultural Studies Center, University of Texas at Lubbock, Texas, March 29, 2002.

- "Schweizerische Perspektiven der neunziger Jahre," AMPAL meeting, Puebla, Mexico, May 2, 2002.
- "H.C. Artmann und der Wiener Dialekt," AMPAL meeting, Puebla, Mexico, May 3, 2002.
- "Goethe-Germany's Shakespeare?" IPN, Mexico City, Mexico, May 7, 2002.
- "Die Wiener Gruppe," IPN, Mexico City, Mexico, May 8, 2002.

Walter Putnam

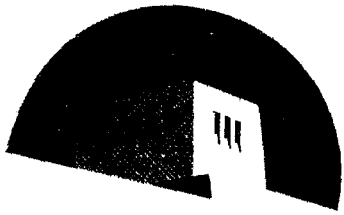
- 21 Club. UNM. "Stuffed Animals and the Predicament of Culture: Lost in the Bedroom Jungle." November 2001.

Katrin Schroeter

- Lecture on German currency reform at Anderson School of Business in seminar for executive MBAs.
- Lecture at Highland High School on German unification.

Warren Smith

- Sponsored University of Utah production of Sophocles' "Antigone" performed on the mall in September.



The University of New Mexico

LOS ALAMOS

ANNUAL REPORT

Academic Year

2001 to 2002

UNM-LOS ALAMOS ANNUAL REPORT

REPORTING PERIOD: JULY 1, 2001 - JUNE 30, 2002

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SIGNIFICANT DEVELOPMENTS

Though UNM-LA and the surrounding community are still in some ways recovering from the devastating Cerro Grande fire, our recovery can be seen in our enrollment numbers. In addition, UNM-LA continues to be a successful post-secondary entry point for students who go on to earn their four-year degree, many of whom transfer to UNM-Albuquerque and other four year institutes in the state. As a result the of the new Student Services that opened the prior academic year, UNM-LA implemented several new community events and continued to provide lectures and art shows. With the opening of this new facility, UNM-LA has been able to provide quality food service to our students and community members, including local high school students. Following are highlights of the campus wide achievements for the 2001-2002 academic year:

Success STATS

- In spring 2002 UNM-Los Alamos had its highest enrollment ever. The credit hours went from 5,327 in the spring of 2000 before the fire, to 5,170 in 2001 after the fire. But this last spring (2002) it climbed to 6,120. Full time and general enrollment increased by 12 % from 2001 to 2002 resulting in 197 full-time students and 953 for general enrollment.
- The May 2002, UNM-LA 21st commencement ceremony celebrated the graduation of 44 students who received either an associate or a certificate degree. Dennis Vasquez, Superintendent of Bandelier National Monument and trustee of the Valles Caldera National Preserve delivered the commencement address.
- The Electro-Mechanical Technology Student Training Program graduated its fourth class in 2002. A total of 42 students have participated in the Student Training Program since January 1997. Thirty-one of those students have graduated with a certificate degree, and 25 of those graduates are employed at LANL in a Tech 3 or Tech 4 position.
- Enrollment in The Adult Learning Center in 2001-2002 was 531. The Center served 67 General Equivalency Diploma (GED) students, 145 English as a Second Language (ESL) students, and four adult literacy students. The Adult Learning Center also had 22 enthusiastic, competent literacy volunteers.
- UNM-LA students, and members of the Phi Theta Kappa International Honor Society, Ms. Heather Nordquist and Ms. Layla Forman were recognized as members of the State's All-Academic Team during a special legislative reception in Santa Fe. Ms. Nordguist went on to receive The National PTK Scholarship.

Campus Achievements

- In November of 2001 UNM-Los Alamos took over the management of food services on campus, which involved developing a menu and hiring staff. In its first year, the "UNM-LA Cafe" was self-sustaining and continues to be successful.
- The Library has been working on a project funded by a grant from the National Endowment

for the Humanities. The project includes cataloging the Library's specialized Southwest Collection, and the building of a custom-designed case for library exhibits.

- UNM-LA continues its efforts in campus beautification and we continue to acquire artwork. This year's acquisition is a portrait of Jimi Hendrix, taken by well-known photographer Douglas Kent Hall.
- A new music concert series started in spring of 2002. The benefit concerts have the dual role of offering the community entertainment on campus, and raising funds to purchase a grand piano currently on loan. A total of $4,500.00 was raised in the first season.

Scholarships

- UNM-LA Summer Bridge Program helps students with the transition from high school to college. The program pays tuition and a stipend for students to take college courses prior to enrolling as a freshman in the fall. There were 24 recipients for the summer of 2001.
- The UNM-LA Bridge to Success Scholarship is an institutionally funded scholarship that is automatically awarded to eligible recent high school graduates who enroll full-time in a degree program during their first semester of college. A total of 91 students received this Scholarship. Recipients during 2001-02: 91.
- New Mexico Lottery Success Program provides full-time students that maintain a GPA of 2.5 with tuition stipends. In the last three years (from fall '97 to spring '01) 60 students have received a total of $125,912.00. There were 89 recipients for 2001-2002.
- The UNM-LA Scholar's Program Scholarship was created in 1998-1999. It provides students with a 3.5 or higher GPA with free housing, tuition, fees and books. A total of 13 students were recipients of this scholarship in 2001 – 2002.
- The Alliance for Minority Participation (AMP) encourages minority students to pursue studies in science, engineering, math and the technologies. Recipients for 2001-2002: 12.
- The Jim Sagel Memorial Scholarship Endowment was created in 2000 to recognize the literary achievements of the late professor. The scholarship is awarded to students with a focus on Southwest Studies or Liberal Arts. Each year at least one student is chosen to receive the scholarship.
- Two new endowment scholarships are the Noah Rodriguez Scholarship Endowment for students studying humanities and the Agnes Finnie Grotto Scholarship Endowment for non-traditional students.

Fundraising Efforts

- "A Taste of Autumn," is an annual wine tasting fundraiser held at the Balagna Winery each year. Monies raised from the Taste of Autumn in October 2001 allowed UNM-LA to fully fund the Noah Rodriguez Memorial Endowment Scholarship. The event raised over $12,000.
- In November of 2001, UNM-Los Alamos received an anonymous gift in the amount of $12,578. The funds were designated as follows: $5,000 to support the library; $7,578 fully

endowed the Agnes Finney Grotto Memorial Endowment Scholarship.

- April 2002 marked the University of New Mexico-Los Alamos Benefit Campaign, a dinner held each year to raise funds for the endowment scholarships. This was the second year and $8,455 were raised.

Contracts and Grants

Source	Department/Project	Amount
NM Small Business Development Center	Small Business Development Center	$148,907
New Mexico Department of Education	Instruction/Adult Basic Education	$113,855
New Mexico Department of Finance	Student Services/STW	$50,000
New Mexico Department of Labor	Instruction/Community Education, Computer Application Training	$42,000
National Endowment for the Humanities	Instruction/Library, SW Cataloging Project	$25,212
Federal Workstudy	Student Services/Financial Aid	$21,500
Los Alamos National Laboratory Foundation	Student Services/New Beginnings	$16,910
United Way	Student Services/New Beginnings	$6,000
New Mexico Department of Education	Student Services/Alliance for Minority Participation	$5,000
Los Alamos National Laboratory Foundation	Instruction	$3,420
State Workstudy	Student Services/Financial Aid	$1,000

DEPARTMENT OF INSTRUCTION

Community Education/Customized Training

- Successfully implemented several new marketing strategies for the Computer Applications Training Program, which resulted in significant increases in annual enrollments numbers.
- Implemented a proposal to convert one of the Computer Application Training computer rooms into a combined PC/MAC lab. The combined lab greatly facilitated service to several low enrollment classes by allowing combined enrollments of both PC and MAC users.
- Successfully implemented new strategies to improve enrollments in previous low enrollment courses for the Computer Application Training Program.
- Developed a partnership with LANL and the local Project Manigement Institute chapter to run a 10-week PMI Project Management class on campus during spring of 2002.

- Planned, coordinated, scheduled and hosted a Quality New Mexico Examiners Training on campus.
- Introduced credit/non-credit lecture series course on the Valles Caldera. This involved several meetings with the Valles Caldera Board of Trustees, local Pueblo Leaders and experts in several fields, including but not limited to geology and volcanism.
- Received LANL foundation grant for Child Development Training Preparation Course.

Library

- Second library exhibit case was custom built and delivered in late July. The case is being used for educational library exhibits across many disciplines.
- The Public Services Librarian position was advertised and filled in August.
- Temporary cataloger was hired to work on the Southwest Collection in September.
- Windows in the library were tinted in September as a conservation measure to protect the library collection from harmful U-V rays.
- Six computers and two printers were replaced during the fall to maintain a three-year computer replacement cycle.
- Location scooping software was installed in the automation system in December. This will allow patrons to choose a specific consortium site to search in the LIBROS Online Catalog.
- Sorted and redistributed remaining monograph and serial materials donated by Zimmerman Library from the Clinton P. Anderson collection.
- Millennium software was installed on staff computers enabling all staff circulation and cataloging functions to be carried out using a graphical user interface through the web rather than a Telnet session. This will increase efficiency and reduce the number of dropped sessions.
- Third annual Library Day Celebration was held on April 11, 2002.

Adult Basic Education

- Increase in the number of eligible students in GED with more thorough assessment procedures.
- Increased computer lab usage for students providing 5 hours per week with individualized tutor services.
- Summer classes were offered due to an increase in a request for GED services.
- Implemented additional beginning ESL classes, separating intermediate and advanced conversational classes.
- Instructors received training on the GED 2002 state and federal regulations with an emphasis on the educational functional categories and levels and standardized testing material.
- Intake process on goal setting requirements for GED/ESL students was evaluated and revised in order to effectively report necessary student data to track and improve student progress.

- Awarded the LANL Foundation Educational Outreach grant for $15,556.00 for expanded ESL offerings.
- Updated brochure for ABE department.
- Forty-four GED students received their diplomas.

Tutorial Center

- Provided proctoring service for other institutions for correspondence courses.
- Provided testing and makeup work services for our instructors.
- Continued recruiting volunteer tutors.
- Coordinated with faculty to secure student tutor recommendations to increase tutor pool.
- Conducted training for new faculty ADA laws and educational obligations
- Tutored students

Credit Instruction

- Increased FTE by 14%.
- Increased overall course offering by 11%.
- Created Materials Science Technology Certificate.
- Completed individual Professional Development Plans for all Core Faculty and Instructional Staff.
- Secured grant funding for projects from multiple sources (see individual sections).
- Completed revisions for 2002-2004 UNM–LA catalog.
- Increased number of 200-level offerings by 24%.

Science and Technology Division

- The upgrading of the Electronics Laboratory was accomplished. Non-useable equipment was discarded, considerable equipment repaired, and new equipment ordered, where necessary.
- Outcomes assessments and diagnostic examinations for Chemistry 111L, Chemistry 121L, and Physics 102 are in place and results are being applied to increase student learning and retention.
- Materials Science offerings have been expanded to include second-year offerings.
- Analysis of the UNM–LA course offerings in the Associate of Science in Environmental Science program is to articulate to an UNM-Albuquerque BS degree in Environmental Science.
- Increased student enrollment thru more diverse offerings and increased retention by making offerings more predictable. In academic year 2000-2001 students takes math courses and generated 1437 credit hours. In academic year 2001-2002, 477 students taking math courses generated 1980 credit hours. This was an increase of 13% head count and 38% in credit hours. This increase seems to have been accomplished by increasing the offerings; Math 107

was added to the schedule in Spring 2001, and Math 121 was added as a pre-requisite to Math 150 in Fall 2001.

- Used outcomes assessment tools to make any needed instructional changes in order to increase student learning and retention. Calculus teachers in particular discovered several areas that needed improvement and adjustments were made. However, there was not enough data collected to determine if student learning has improved or not.
- Revised the mathematics curriculum to make appropriate use of technology at all levels. The graphing calculator is now being used in Math 119, 121, 123, 150, 162, 163, and 264. The textbooks being used for Math 119, 121, and 150 are written with a graphing approach
- Advertised and recruited students for two new IT degree programs developed, DMA and Web Tech.
- IT faculty developed and offered approximately 15 new IT courses in the areas of Network Administration, Tech Support, DMA, Web Tech, GIS, and CS.
- Purchased "Arcview" software to offer new GIS courses.
- Facilitated a $33,000 grant from RDC that allowed development and support for new IT programs, built web pages for these new programs, and trained faculty to teach in these areas. Also hired four individuals as Lead Instructors for four new IT programs.
- Updated current Certificate and AAS degree programs in CS to reflect main campus changes to their BS and CS degree. Also made changes to the AAS degree that made it more marketable in northern New Mexico.
- Reconfigured networking lab to allow for the future expansion of this room during the upcoming year.
- Upgraded the computers in the MAC lab and installed new versions of software, including *GoLive* and Adobe Pagemaker.
- Supported several IT faculty members in taking certification tests towards Microsoft certification.
- Purchased and installed new shelves and cabinets in the electronic lab, room 406, to house the sizable donation of used computer equipment from LANB.
- Updated the UNM–LA catalog to reflect changes to CS and IT degree programs.
- Incorporated new assessment tools into the programming classes, including the use of software evaluation forms, peer reviews, design documents, and testing documentation.
- PowerPoint presentations showcasing new IT degree programs and IT careers were given at each outreach program offered by UNM–LA last year to audiences that included high school recruits, parents of recruits, local high school advisors and administrators, UNM–LA students, and LANL employees wanting to re-train.
- CS/IT departments continue to support some of the cohort groups sponsored by local business, such as the National Park Service, who are earning IT degrees with us.
- Sponsored two network administration students for LANL internship positions.

Arts & Social Sciences Division

- Updated all A & SS degree/certificate programs to ensure articulation with UNM–LA, to reflect changes in Common Core Curricula.
- Established Advisory Boards for appropriate A & SS degree and certificate programs to improve marketability; generate new possibilities for co-op positions; facilitate faculty and student recruitment; and meet state oversight requirements. Established Advisory Board for technical degree/certificate programs.
- Reviewed and revised generic syllabi in Management and Economics.
- Revision of Southwest Studies degree and certificate programs was completed in March 2002.
- Fully implemented Hotel/Casino Management Programs.
- Devised a record sheet to be used by Math and English to track retention data.
- Communication increased the offerings in Russian, Spanish, and in Technical Writing Areas, and increased overall attendance in 010, 100, 101, 102 sections, especially in the fall 2001. Also added more sections of C & J classes in the fall and spring semesters.
- Included more social and professional Fine Arts activities on campus.
- Under the direction of Juanita Madland, music instructor, created a performance series to enhance cultural offerings to the community and raise monies to purchase a grand piano for the campus. Average attendance of 50 per event.
- Increase of 28% in head count and 42% in credit hours generated for Developmental Studies.
- Conducted the College Cornerstone Retreat held in Fall 2001; emphasized teaching styles and learning styles with sixteen faculty, student services personnel, and administrators in attendance.
- Academics 193T course was revised and included as part of Libr 120, which a student will be able to take as a transferable for credit. With each student who places at the pre-college level in English whether by ACT or COMPASS scores will to be required to take Libr 120.
- Increased offerings in basic skills/developmental studies - academic year 2000-2001, 28 sections of introductory studies and academics courses were taught. In academic year 2001-2002, 32 sections of introductory studies and academic courses were taught. This is an increase of 14%.
- Creation of a student art collection has begun. The ceramic skeleton in the wooden carte is on display in the Student Center; this was acquired as part of the collection

STUDENT SERVICES DEPARTMENT

UNM-Los Alamos Student Services continues to provide quality services and programs for students and the overall UNM- Los Alamos campus community. One area in which Student Services has improved service to our customers is by. Redesigning the student services website. In addition to this, we have promoted our educational collaboration with Los Alamos National

Laboratory, which allows students internships this will enhance the student's educational experience at UNM-Los Alamos.

Recruitment and Retention

- Increased enrollment to the levels prior to FY 2001 the year of the Cerro Grande fire.
- Eighteen students were recruited into the Summer Bridge program that was 100% funded by UNM-LA.
- Continued regular communication with the Home School community.
- Student Services staff coordinated a mail campaign to approximately 3200 seniors via an ACT listing furnished by UNM Recruitment Services.
- Held two "Plan Your Future Day" events in spring 2002 (a recruitment event for high school juniors and seniors).
- Combined the UNM Transfer Day with an event to showcase UNM-LA educational programs which was named "Explore-a Major Day".
- Implemented statewide participation in College Days events.
- Spring 2002 piloted a "High School Overnight Stay" for McCurdy High School students this included academic and social activities.
- Students on academic probation were put on contracts and met with their assigned academic advisor who worked with them to improve their grades.
- Assisted in building the class schedule and emphasized the need to offer more core curriculum classes to increase the transferability of UNM-LA students.

Advisement

- Replaced the paper pencil placement exam with the computerized COMPASS placement exam to properly assess and place students in appropriate classes.
- Utilized the UNM Student Information System as a standard means of information - particularly the advisor's comment screen, transcript information, admissions information and familiarity with holds.
- All students were assigned an Academic Advisor in an effort to establish continuity in advisement and to enhance communication between students and academic advisor.
- Implemented mandatory advising for all students in certificate and associate degree programs.
- Academic advisors participated in the College Cornerstone Program meetings to interact with instructors and to better advise students in introductory studies courses.
- Explored better ways in which to provide quality advisement and training at the Bernalillo site, i.e., telephone advising.

Admissions and Registration

- In fall 2001 implemented utilization of I-TEL-UNM on the Los Alamos campus.
- Implemented an application for admission in a PDF format.
- In fall 2001 student orientation had a record attendance and spring 2002 orientation also had an increased attendance from previous years.
- Actively participated in the UNM Registrars Network via quarterly Registrar's meetings.
- Registrar attended National AACRO (Registrar's Association) conference in Minneapolis.
- Registrar held the office of Vice-President of RMACRO (regional Registrar's association).
- Piloted and implemented UNM transcript evaluations process on-site.

Career Resource Center

- Conducted two Employability Skills Training classes in spring 2002, one at Jemez Valley High School and one at the UNM-Los Alamos campus. (This included resume writing and tips on interviewing.)
- In cooperation with the New Mexico Department of Labor in the implemented a One-Stop Career Center at UNM-LA.
- Planned and coordinated the UNM-Los Alamos Career/College Fair in spring 2002 which attracted approximately 1,000 individuals.

Financial Aid

- Provided all services associated with a financial aid office such as processing of applications, awarding of funds, disbursements of funds, evaluation of academic progress, and administered work-study and scholarship programs.
- Continued to promote UNM-Los Alamos Bridge to Success scholarship by creating and mailing out flyers to 3200 students via a report form an ACT listing furnished by UNM Recruitment Services.
- Kept abreast of financial aid policies and procedures by attending UNM meetings, state and regional conferences.
- Provided EDE Express (an electronic financial aid application) service to the Los Alamos community and the surrounding areas.
- Increased familiarity with DataWarehouse, a statistical database used by UNM.
- Co-Institutional Coordinator for the Alliance for Minority Participation program (AMP) and attended meetings and conferences related to AMP.
- Coordinated the Electro-Mechanical program.
- Assisted in overall Student Services efforts in advisement, recruitment, retention, special programs, and student activities.
- Served as a co-advisor to the UNM– LA student government.

BUSINESS OPERATIONS

Physical Plant

- Occupancy and licensing of the UNM-LA Café was granted on 12/31/2001.
- Buildings 3, 4, 5 and 6 were painted and re-carpeted.
- Organized efforts of several departments in the beautification of UNM-LA. With a donation from a faculty member, plants were purchased and planters within the center of campus were cleaned and redone.

Student Housing

- Began the upgrade of kitchenettes within each apartment.
- Continued contracting with Los Alamos National Laboratory for apartment rental from May 1 through mid August.
- Continued contracting with Bandelier National Park for apartment rental from May 1 through September.

Business Office

- Organized second formal dinner campaign, for scholarships on April 26, 2002. Approximately $8,500 were raised at the event. Approximately $6,800 were transferred for student scholarships. Recruited key community members to participate. Community members included: Bernadette Chavira-Merriman, UNM-LA Advisory Board; Ron Dolan, LANL and UNM-LA Advisory Board; Kevin Holsapple, Small Business Development Center; Jack Killeen, Protective Technology Los Alamos; Alex Martinez, Executive Director, SER Jobs for Progress; J.J. Maier, Executive Director, LA Chamber Of Commerce; Greg Partamian, LA Medical Center; Representative Nick Salazar; Denise Smith RDC and LACDC; Kurt A. Steinhaus, LANL; Don Taylor, Don Taylor Memory Maker; and Representative Jeanette Wallace.
- Completed FEMA claim for business interruption due to the Cerro Grande Fire.
- Completed Career Ladder for member of the Finance office to Personnel/Housing.
- Negotiated lease agreement with Los Alamos National Laboratory for the portion of Building 6 transferred to UNM-LA by LA Public School District.
- Automated submission of payroll via OTIS in January 2002.

Food Services

- Food Service was officially licensed through UNM-LA December 2001.
- Began offering food services to students, faculty and staff in December 2001. Successfully

covered all costs associated with the operations through the revenues generated.
- Offered catering services to internal departments for events including Graduation 2002.

Bookstore
- Restructured pricing for books.
- Successfully ended fiscal year generating revenue in excess of expenditures.
- Wrote off last remaining inventory items that were outdated.

COMPUTER CENTER

For the year 2001-2002, the Computer Facilities department completed/accomplished the following significant activities:

- Replaced/upgraded network infrastructure on Los Alamos campus.
- Provided support for Atomic Molecular Physics Summer program.
- Replaced and brought online all computers on campus per our replacement schedule.
- Continued to maintain a high degree of 'uptime' regarding the campus network and its components.

SIGNIFICANT PLANS AND RECOMMENDATIONS, 2002-2003

In April 2002, the University of New Mexico – Los Alamos held its annual planning retreat at the Allan Houser compound in Santa Fe. The purpose of this retreat was to review the previous year's accomplishments and areas of improvement. No changes were made to the mission statement. However, goals and objectives for 2002-2003 were streamlined and it was agreed to that UNM-LA would incorporate, where applicable, UNM-Albuquerque's strategic plan into UNM-LA's Five-Year Strategic Plan.

The mission of the University of New Mexico-Los Alamos is to provide high quality instructional programs and support services to the residents of the communities it serves. To fulfill its mission, UNM-Los Alamos has established the following overall institutional goals:

I. To offer diversified high-quality educational programs.
- Academic Courses, Degrees, and Transfer Curricula
- Technical and Occupational Programs
- Developmental and Basic Skills Programs
- Community Education
- Adult Basic Education
- Specialized Training
- Extended Web, ITV, and Off-Site Instruction

II. To provide high-quality support services that promotes student access and success.
III. To maintain a highly qualified and diversified faculty and staff.
IV. To serve as a community resource.
V. To seek and establish cooperative partnerships
VI. To ensure access to state-of-the-art technologies.

As we embark on our 23rd year of service, meeting the needs of our student body, our community continues to be our primary focus. In the coming years, we will continue to improve our programs and services in order to fulfill the UNM-LA mission of providing quality education. Our ultimate goal is to make our campus a place where members of our diverse student body can realize their educational visions. As in the past, we will find new and innovative ways to offer quality educational opportunities for our students. Our goals for 2002-2003 include:

- Increasing funding for special projects, i.e. student scholarships, the Summer Bridge

Program, and the New Beginnings reentry program.

- Insuring that information is timely and readily available to students, faculty, staff and the communities we serve, i.e. institutional brochures, catalogs, and schedules.
- Insuring that students are properly assessed and advised for placement into classes.
- Increasing transfer rates to four-year institutions using information from the Commission on Higher Education.
- Insuring that funding is available to meet human, fiscal and physical needs.
- Encouraging and educating students, faculty, and staff to obtain 100% participation in changing technology.
- Establishing an institutional retention management program.
- Evaluating and adjusting scheduling patterns to meet student needs.
- Insuring that staff and faculty are empowered to provide good customer service and work cooperatively and productively as team members.

Support functions:

Computer Center

As a support service for both instruction and administration at UNM-Los Alamos and its satellite locations, the goals for the Computer Facilities department are driven by the needs of those departments. As such our main objective is to provide support in a manner such that we can help other departments achieve their goals and accomplish their objectives.

Public Affairs

In support of the overall institutional goals and all departments at UNM-LA, the public affairs department has established the following goals:

- To provide institutional support through development and implementation of a marketing plan, participation on committees, managing an effective/efficient use of funds, etc.
- To enhance internal communications through the development and production of various publications and use of electronic media.
- To enhance external communications through the development and production of various publications, videos, surveys, etc.
- To effectively use advertising to promote UNM-Los Alamos.
- To improve media relations.
- To improve community relations through external communications, participation in events/ committees/boards and utilizing information from surveys.

- To maintain, develop, produce, and distribute publications that will positively promote UNM-Los Alamos.
- To provide photography/videography/scanning services to departments, for events, and maintain files for archival purposes.

APPOINTMENTS TO STAFF & FACULTY

Name	Position	Area	Effective Date
Patricia Boyer	Program Coordinator	Computer Application	07/16/2001
Kathleen Peterson	Library Info. Spec. II	Library	08/13/2001
Betty Olivar	Administrative Assistant I	Bernalillo	09/09/2001
Jay Ruybalid	Sr. PA Representative	Public Affairs	06/11/2001
Sean Devries	Instructional Assistant ITV	Graduate Center	08/17/2001
Manuel Lopez	Custodian	Physical Plant	09/19/2001
Oliva Lopez	Custodian	Physical Plant	09/19/2001
Rabia vanHattum	Library Info. Specialist I	Library	09/24/2001
Sari Jobe	Administrative Assist. II	Adult Basic Education	10/22/2001
Ruth L'Esperance	Registrar	Student Services	03/12/2002
Samantha Beres	Sr. PA Representative	Public Affairs	04/08/2002
Victor Maldonado	Custodian	Physical Plant	04/29/2002

SEPARATIONS OF STAFF & FACULTY

Name	Positions	Area	Effective Date
Michael Ortiz	Custodian	Physical Plant	09/07/2001
Jay Ruybalid	Sr. PA Representative	Public Affairs	09/25/2001
Todd Nickols	Instructional Assistant	Graduate Center	01/02/2002
Juanita Jebbanema	ABE Coordinator	Adult Basic Education	01/13/2002
Patricia Chavez	Supervisor, Comm. Ed.	Community Ed.	03/31/2002
Laurie Heimdahl	Sr. Academic Advisor	Student Services	04/05/2002
Gene Torres	Instructional Assistant	Graduate Center	05/27/2002
Lisa Salazar	Program Coordinator	Student Services	05/22/2002
Laurie Loose	Accountant III	Administrative Services	05/24/2002

PUBLICATIONS

STAFF

Samantha Beres, Public Affairs Representative

- Wrote various articles, concerning the UNM-Los Alamos campus, for *the Los Alamos Monitor, Rio Grande Sun, The New Mexican,* the *Journal North, Jemez Thunder*, and *UNM Campus News.*
- Developed and produced several UNM-LA publications for internal and external use including brochures, schedules, catalogs, press releases, video scripts, annual reports, etc.

OUTSIDE PROFESSIONAL ACTIVITIES

STAFF

Carlos B. Ramirez, Executive Director

- Member, New Mexico Association of Community Colleges (NMACC)
- Member, Regional Development Corporation (RDC)
- Member, Dennis Chavez Foundation
- Member, Tri-Area Association for Economic Development (TRADE)
- Member, Northern New Mexico Council for Excellence in Education (NNMCEE)
- Member, Tri-County Higher Education Association (THEA)
- Member, Literacy Volunteers of Santa Fe

Debbie Valdez, Associate Director/Business Operations

- Member Human Resources Committee
- Member Two-year Institutions Formula Task Force
- Member UNM Planning Council

Phyllis A Mingus-Pepin, Associate Director/Instruction

- UNM Curriculum Terminology Taskforce
- UNM K-12 Taskforce; Ed Leadership Subcommittee Chair
- AACC/Microsoft Working Connections Conference, Seattle, WA, July
- New Mexico Assessment/Retention Conference, Albuquerque, NM, February
- New Mexico Assessment Association President-Elect

Anna Mae Apodaca, Associate Director/Student Services

- New Mexico Assessment/Retention Conference, Albuquerque, NM, February
- National Association of College Activities (NACA) Conference, Houston TX, October
- National Academic Advising Association (NACADA)
- UNM President Special Assistant for Diversity Search Committee
- Northern New Mexico Council for Excellence in Education
- UNM Branch Retreat
- UNM Los Alamos Retreat

Anthony Valdez, Computer Center Manager

- NM Council for Higher Education Computing/Communication Services (NM CHECS)

Steve Ciddio, Bookstore Manager

- Member, Southwest College Bookstore Association
- Member, National Association of College Stores

Ruth L'Esperance, Branch Registrar

- American Association of Collegiate Registrars and Admissions Officers (AACRAO) Conference, Minneapolis, MN, April
- American Association of Collegiate Registrars and Admissions Officers (AACRAO)
- Rocky Mountain Association of Collegiate Registrars and Admissions Officers (RMACRO)
- New Mexico Association of Collegiate Registrars and Admission Officers (NMACRO)
- UNM Branch Retreat
- UNM Los Alamos Retreat

Yohanna Wiuff, Financial Aid Coordinator

- Member, New Mexico Association of Student Financial Aid Administrators (NMASFAA)
- Member, Southwest Association of Student Financial Aid Administrators (SWASFAA)
- Attended College Cornerstone Retreat
- Attended Los Alamos Financial Aid Night
- Attended UNM- Los Alamos Retreat in Santa Fe
- Attended Lottery Scholarship meeting in Albuquerque

FACULTY

Dennis Davies-Wilson

- Bonds Funds for Libraries Task Force (appointed April 2001)
- New Mexico Consortium of Academic Libraries (NMCAL)
- Summer Retreat, August 2-3, 2001, Albuquerque, NM
- President April 2001-April 2002
- Music Library Association (MLA)
- Bibliographic Control Committee – Subcommittee on Descriptive Cataloging, began term April 2001
- Mountain Plains Chapter – Local Arrangements Committee for 2002 MLA Annual Meeting
- Musica Antigua de Albuquerque (professional early music ensemble); Albuquerque, NM (Regular performance season / educational and community outreach performances.)

OUTSIDE SPONSORED RESEARCH

No UNM-Los Alamos faculty or staff members participated in outside sponsored research.

UNM-VALENCIA CAMPUS

ANNUAL REPORT

For the Period

JULY 1, 2001 – JUNE 30, 2002

Alice V. Letteney
Campus Executive Director

INTRODUCTION
Dr. Alice V. Letteney, Campus Executive Director
Highlights of the University of New Mexico-Valencia Campus, 2001-2002

1. Significant Developments

The voters of Valencia County passed a $5 million bond issue in April, which will allow for campus facilities improvements, including a new classroom building featuring labs for health sciences courses as well as general purpose classrooms. Design for the new building is underway.

The UNM-Valencia Campus Development Board raised $20,000, which was matched by the Title V endowment fund in the first year of a 3 year $180,000 endowment fund drive. A portion of the interest from the endowment will be used for student scholarships.

UNM-Valencia was the most cost effective public college in New Mexico according to CHE's analysis of I&G funding.

2. Program Developments

UNM-Valencia Campus became a WorkKeys Center providing job profiling and employee skills assessments for business and industry.

A new position, Manager of Workforce Development was created to expand the college's work in contract training and assist in the development of new programs in the business and technology areas.

3. Honors and Awards

Tony Hanlon, Student Government President, was chosen for a second year for a HACU summer internship at the National Institute of Health in Washington, D.C.

New Mexico Phi Theta Kappa Scholars were Duane Fritz and Elise Williamson. Duane Fritz was honored as an "Unsung Hero" by the Valencia County News Bulletin.

The student organizations of UNM-Valencia Campus—Student Government, Phi Theta Kappa, and the International Association of Administrative Professionals were honored as Service Clubs of the Year by the Belen Chamber of Commerce.

The Cumbre Gold Award of the New Mexico Public Relations Society of America was awarded to UNM-Valencia Campus for its Community Education Schedule designed by Chad Perry from the Public Information Office.

Andrew Sanchez, Associate Director for Business Operations, was named Energy Manager of the Year by the New Mexico Association of Energy Engineers.

The Executive Director's staff awards went to Lucy Sanchez, Bea Sanchez, Lucille Farrington, and Julie Sanchez.

4. Community Outreach

The SU PARTE Welfare Reform program, led by Rosa Auletta, placed 459 clients in jobs and served over 2000 welfare clients.

The Small Business Development Center brought in $2.9 million in capital formation and helped to create 69 jobs and open 24 new businesses.

Adult Basic Education provided services to over 1000 students and held its first ESL Conference on campus in Spanish.

The Community Training Center for the American Heart Association trained 1498 individuals in areas such as CPR and First Aid.

Provided co-located space for New Mexico Department of Labor and Workforce Investment Act Central Region Board's one-stop provider, Resource Consultants, Inc.

Gifted children's program served 300 4th graders per semester for 8 Fridays a semester in enrichment programs including Native American Culture, rocketry, art, chemistry, computers, music and art.

Community Education provided non-credit courses to over 1000 citizens a year including summer programs for children.

5. Campus Executive Director's Office

Dr. Alice Letteney
New Mexico Association of Community Colleges, Past President
American Association of Community Colleges, Minority Resources Commission
Executive Committee, American Association of University Women, Valencia County Branch
United Way Valencia County Advisory Board

Chad Perry
Southwest District Chapter Public Relations Society of America (PRSA), Treasurer
National Nominating Committee, PRSA
APR Proctor, New Mexico Chapter PRSA
Voting Delegate, National Conference, PRSA

Cheryl Pulaski
President, American Association of University Women, Valencia County Branch

Veronica McComb
President, Staff Association

New Hires
Kevin Begley, Manager, Workforce Development
Cheryl Pulaski, Manager, Donor Relations
Bessie Gallegos, Admin. Assistant II, Development Office

Separations
Lois Hansen, Manager, Donor Relations
Lynne Dickens, Admin. Assistant II, Development Office

6. U.S. Department of Education,
Title V, Developing Hispanic-Serving Institutions Program 2001-2002
Gearld Willis, Title V Coordinator

Activities in the Grant are being successfully implemented. The approach to achieving our goals in some activities are requiring modifications that do not require a change in scope, as we learn what works and what does not work. This is why in the middle years of the grant many of the tasks to be completed call for "review", "evaluate" and "revise" initial implementation strategies.

Activity I, Student Success

- 14.6% increase in retention over the base year. Grant goal is 10%
- 58% participation in New Student Orientation. Goal is 80%. Methods of reaching more students with this orientation are being reviewed.
- 92% of new students are taking the New Freshman Seminar. Goal is 100%.

24 students were recruited for the Mentoring program. 12 completed the program. There is a general lack of student commitment to the mentoring program. Needs in this area are potentially being met by Title V sponsored counseling, early alert, tutoring, early intervention and providing at-risk students with self-esteem, team building and problem solving workshops. These programs are fully functional under the grant.

Records show there is a 46% increase over the base year in students who took developmental English completing college level English 101 over the base year. Records show that there is a 64.5% increase over the base year in students who took developmental math who completed college level Math 120 Intermediate Algebra. These numbers reflect very highly on our Title V Developmental Classroom and Lab, Faculty and Staff. Written documentation shows that 18 of 29 full time faculty have participated in retention and technology training and are utilizing it in the classroom.

Activity II - Institutional Stability Through Information Management

Perhaps the greatest success of our Title V program in this reporting period is our capability to generate reports on campus that reflect our areas of success and areas that require work as shown in the above Activity I section. This has been made possible through Activity II, Institution Stability Through Information Management. All reports required for the campus have been compiled and are being incorporated into a modularized, interactive Management Information System that will serve the campus on a semi-independent basis. Full programming on this system will be started in the second half of Year 3.

Encoding of class offering catalogs is ahead of schedule. The PROGRESS Degree Audit Coordinator is receiving the most up to date training on the system. A degree audit was completed for all students taking 6 or more credit hours and enrolled in a degree or certificate program in this reporting period. Additional degree audits were generated for students scheduled for graduation.

Activity III - Institutional Advancement

The Development Office has processed and aided in the submission of 12 grant proposals in the reporting period and an additional 5 are in preparation.
The Campus finally received the TRIO Student Support Services Grant in October.
The Endowment Fund Goal of $20,000 was met in the reporting period.
The donor, donor prospect, and community and corporate databases are growing at a steady rate.
A new Development Officer, Cheryl Pulaski, was hired in mid-November upon the resignation of Lois Hansen to take another position out of state.

I. INSTRUCTION – 2001-2002
Dr. Reinaldo Garcia, Dean of Instruction

A. Significant Developments

1. Overall

a. Continued implementation of outcomes assessment program.

b. Continued assessment of programs of study and effectiveness of course scheduling.

c. Implemented Strategic Plan for 2001 – 2004.

d. Published Catalog for 2002 – 2004.

e. Implemented Lecturer promotion system

f. Continued training faculty in the integration of technology into the classroom.

g. Created and implemented Workforce Development office.

h. Reassigned faculty and staff to standing committees for 2002 – 2004.

2. Credit Programs

a. Curriculum Development

i. Assessment of Computer Assisted Design degree and certificate programs.

ii. Created new Associate of Applied Science in Construction Technology

b. Labs and Equipment

i. Replacement of PCs for two labs in the Business & Technology Division.

ii. Installation of A/V equipment (projector, document camera, and sound) in one classroom in the Arts & Sciences building.

c. Scheduling

i. Continued implementation of use of rating matrix to hire adjunct faculty.

ii. Implementation of automated scheduling and data reporting system.

d. Out-of-District Instruction (administered by Community Education) in Socorro, Moriarty, Estancia and Magdalena:

i. Socorro —fall 2001: 36 total, spring 2002: 18 total

ii. Magdalena — fall 2001: 0

iii. Mountainair — fall 2001: 16 totals 2002: 35 total.

e. Distance Education (also administered by Community Education):

i. Electronic Distance Education Network (EDEN) (upper division & graduate courses received via satellite broadcast from UNM- Media Technology Services/Extended University)

ii. Fall 2001: 5; spring 2002: 7

iii. Video conference: Townhall meeting: Employee Health Insurance: 23

f. Business & Technology

i. In September, 2001 the CAD/Steel Framing Advisory Board meet to discuss curriculum for the Light Gauge Steel Framing course. Course started with phase 1 fall 2001 with 10 students and continued spring 02 semester. Students completing these two phases will take a certification test sponsored by Keymark Enterprises, which will enable them to obtain high paying jobs Light Gauge Steel Framing. Keymark will hire graduates of this certificate program if students are interested.

ii. In March 2002 the OBT Advisory Board meets to discuss changes in the medical certification program with excellent results. We recruited two new members to the Advisory Board, Annette Kaylor, CPA and Heather Slack, Dental Medical Assistant.

iii. Business and Technology previous chair, worked with Community Education and Curriculum committee to start a degree program in Construction Technology. This degree program and courses were added to the 2002-2004 UNM-Valencia catalog.

iv. Previous chair completed Master Training for NCCER craft training. Three adjunct faculty members were also trained and certified as craft trainers for NCCER. The first NCCER craft training was held at Sisneros Brothers in Belen with success.

v. A Smartboard, and Elmo were installed in V127 to improve instruction for students. This type of multimedia allows the instructor to show students directly on the board how to correct documents.

vi. Billboard advertising was done through Valencia Outdoor Advertising for B&T degree programs. These billboards advertised CAD, OBT, Business Administration, Information Technology and Electronics programs. These billboards are distributed in high traffic areas around Valencia County.

vii. Brochures advertising B&T programs were printed by funds allocated by the Carl Perkins Grant. These brochures depict the CAD, Electronics, OBT, Business Administration and Information Technology courses. These brochures were handed out to Career Services to hand to students for Career Fairs and to the Concurrent Enrollment Liaison to hand to the regional area high schools for concurrent enrollment.

viii. Cindy L. Chavez took over as 9 month Division chair effective May 1, 2002 and Kevin Begley will resume the duties of project director for the Carl Perkins grant.

ix. Cindy Chavez received MOUS certification during the IAAP Conference held in Canada in July 2001.

x. The Valencia Chapter of IAAP is growing and doing great things. During the 2001-2002 year we initiated eight new members, held a garage/rummage sale, an "Administrative Professional Day" sale in the cafeteria, and ran the student government elections.

xi. OPAC software was installed in our OBT computer lab (V127). OPAC and a Personnel Employee Test software that enables OBT instructors to monitor a student's progress by showing where the student is upon enrollment in the administration program and how much the student has improved at the end of the program or on graduation.

xii. Main campus is no longer teaching C++ computer programming for the computer programmer degree and switched to JAVA. Toni Black attended TVI during the summer to learn the program and software. JAVA classes started Fall 02 with excellent results.

xiii. The student login was installed during summer semester 2001. It is fully operational now. At the end of each semester we print a list of student use and have found that students using the B&T open labs are a mixture of academic students ranging from Math, Biology, Art, History and English 80% to 20% vocational students. Most vocational students have computers and software applications at home that enable them to do assignments. We also have a lot of students in Developmental level courses using the lab as well.

g. Tech Prep

i. Preparation and execution of Articulated Program Agreements, Process Articulation Agreements, and Concurrent Enrollment Agreements for all consortia partners.

ii. The four programs of study, categorized as "Information Technical Services," comprise of Computer Aided Drafting, Business Technology, Systems Engineer (A+), and Internet Web Master.

iii. Grant monies supported the programs of study by ordering equipment and supplies to provide students with the highest level of instruction.

iv. Secondary Tech Prep faculty were afforded professional development in their areas of expertise. For instance, four computer-aided drafting high school instructors from Estancia, Magdalena, Los Lunas, and Belen attended the AUTOCAD 2002 and Inventory professional development training in Gallup, NM to upgrade their CAD curricula through hands-on training.

v. In the field of Systems Engineer (A+), five high school instructors attended "Understanding Networking Fundamentals" to learn the newest concepts in how to design, implement, troubleshoot and optimize their hardware and software programs.

vi. In the Internet Web Master program, instructors attended workshops and training courses on "Flash and Dreamweaver Design" and "Web Site Development and Design" to learn how to improve their programs with the latest web design software tools.

vii. Tech Prep sponsored a two-day training session in the areas of applied mathematics and applied communications. A total of sixteen teachers attended.

viii. Collaborative training between post-secondary and secondary mathematics instructors provided curricula development/training at the NMMATYC conference in El Paso, TX.

h. Wellness and Fitness Education Center

i. A new full-time faculty member was hired and made responsible for instruction and the coordination of planning daily and long-range management duties supervised the Fitness and Wellness Education Center.

ii. An Associate of Science in Health and Fitness Education degree and a Group Fitness Instructor Leadership Certificate are established programs.

iii. All physical education courses (with exception of golf and other courses which require special sites) were offered at the center. A total of 972 students enrolled in Physical Education classes and used the FWEC.

iv. The staff conducted a total of 103 orientations to the students enrolled in the Introduction to Fitness class.

v. The facility was made available to all students, faculty, staff, and the community by signing up for a one credit hour physical education course.

vi. New equipment was researched, ordered, and purchased to support existing physical education programming.

vii. Two new courses, Tai Chi and Pilates Mat Method, were taught in the center. Jogging Fitness was taught for the first time on our campus for spring 2002.

viii. The staff organized the 1st annual Wellness Fair, "Health is on Its Way," attended by students, faculty, staff, high school students, and community members.

ix. The FWEC hosted 12 health education presentations on a variety of topics.

x. The staff gave three workshops to a local Valencia County Girl Scout troop on fitness & nutrition and conducted 3 physical activity sessions. These 6 hours allowed the girls to receive their GirlsSports physical education badge.

xi. The staff provided 14 free Friday exercise sessions available to students, faculty, staff and community members as an avenue to educate the campus and community about the variety of exercise modalities and the importance of exercise.

xii. The staff provided 60 personal training sessions and coaching.

xiii. The staff organized the UNM-Valencia Campus Relay For Life Team to raise money for the American Cancer Society.

xiv. The FWEC had a booth at the spring 2002 Valencia County American Heart Association Stroke Check event.

xv. The FWEC coordinator attended the 2001 International Dance and Exercise Association World Conference in San Francisco.

3. Non-Credit Programs

a. Adult Basic Education

i. The ABE Center enrolled 838 students, showing an increase of 6% from the previous year. Intensive specialized coursed in GED and ESL have proven successful for the program. Sixty percent of enrolled students completed their goals or continued progressing in the ABE programs. Sixty-one students received their high school diplomas.

ii. In addition to the Adult Education and Family Literacy grant, the ABE Center received an English Literacy/Civics grant to enhance instruction with the use of technology. The grant targets outreach sites.

iii. New classes were started up at Isleta Pueblo and Los Lunas.

iv. Tina Shiplet completed faculty training in instructional technology as part of the Title V services offered at UNM-Valencia.

v. Six ABE faculty participated in professional development on Adult Multiple Intelligences provided by the New Mexico Coalition for Literacy.

vi. The ABE program hosted the first annual ESL Conference conducted entirely in Spanish. Over 90 people participated in the event.

vii. Members of the ABE program participated in the Student Voice Network offered by the state student leadership program. Assistant Coordinator Tina Shiplet served as president of the leadership organization this year.

viii. Children of ABE students began receiving services from the UNM-Valencia's Child Development Center.

b. The Learning Center

i. Tutorial and other Instructional Services

a) Two full day and subsequent bi-weekly two hour sessions in the fall and spring semesters provided required training for SEC and ABE tutors. In the spring semester, TRIO tutors began attending training.

b) Tutors provided 1,942.5 hours of tutoring this academic year.

c) Total number of hours of service provided students during the academic year was 17,033.6 hours.

d) Several workshops and study groups were presented throughout the year.

e) Staff provided orientations to TLC for all developmental classes. There were 32 in fall '01 and 34 in spring '02

f) Staff in the Learning Center participated in the development of a Math Anxiety Clinic that was piloted as a free workshop in summer '01 and fall '01. In spring '02 this was converted to a credit course. The Senior Tutor continues to teach in this program.

g) In fall '01, teachers conducted 208 classes and orientations in the classroom. In spring '02, that number dropped to 888. This decline in use is related to the fact that many of the developmental classes are too large to be accommodated in this classroom.

ii. Computer labs

a) The open computer lab was equipped with 18 new computers.

b) SEC staff continue to work with several instructors on the use of equipment and new software and have consulted with some instructors on incorporating this technology in their curriculum.

c) Rosetta Stone for Spanish was installed on the Spanish Lab computers.

d) Synchroneyes was installed on the classroom computers. Inspiration6 was installed on the classroom and lab computers.

e) The videos and accompanying workbooks for "Mastering the Paragraph" were purchased for use by Developmental Studies English students.

f) Title V purchased retractable keyboard cradles for the computers in the classroom.

iii. Professional Development

a) The Senior Tutor completed her Bachelor of Science degree at New Mexico Technical University in May 2002. She also attended the joint NMMATYC and Int'l Assoc. for Mathematics and Computers in Simulation Conference. In the summer of 2001 she attended the Earth Map Project Conference in Farmington. She also received the Executive Director's Staff Award for 2001 for

her outstanding contributions to the students and the campus community.

b) The Coordinator and the Senior Tutor presented a workshop at the South West Assoc. of Developmental Education Conference in Las Vegas, Nevada in October 2001.

c) The Senior Tutor participated in two main campus workshops: Tapping your Creativity and Mindfulness Based Stress Reduction.

d) The Instructional Assistant attended the Technology in Developmental Education five-day workshop in July 2001, and continues to work on courses toward her degree in education. She also attended a Performance Development workshop at main campus.

e) The Learning Center staff developed their vision and mission statements and have published them on their web pages and in the Tutor Manual.

iv. Equal Access Services

a) The SEC provided services to 48 Equal Access students throughout the academic year, an increase of 23 over last year.

b) Services included note-taking, tutoring, reading, training in the Kurzweil Reader, technical assistance in the computer labs, test-taking facilities, and readers and writers for tests.

c. Library

i. Kris White resigned her position as Public Services Librarian in July 2002

ii. The Library's instruction classroom came online in August 2001 with the purchase of a Smart Board, an Elmo document scanner, and a ceiling mounted projector.

iii. A user satisfaction survey was conducted in April of 2002. What our patrons liked the best about the Library was its "helpful and friendly staff", the pleasant atmosphere, and easy access to information. The primary thing that our patrons thought could be improved was "more books/magazines/resources".

iv. The online circulation system was upgraded significantly in May of 2002 and moved to a Windows operating system.

v. The Library changed its hours beginning in January 2002. We are now opening at 10:30 AM every other Friday in order to have ongoing staff training time.

vi. The number of items checked out was up by 12% to 13,408.

vii. The number of people registering to use the library was up by 13%: 1809.

viii. An Information Literacy Task Force was formed, composed of librarians and teaching faculty, to review the national information literacy standards and to determine which of the standards are already being achieved at Valencia Campus.

d. Community Education

i. Non-Credit Programs

a.

	Summer 01	Fall 01	Spring 02	Total
Community Education[1]	425	398	411	1,234
Contract Training[2]	33	75	100	208
Sub-Total:	**458**	**473**	**511**	**1442**

[1] Community Education includes non-credit personal enrichment, professional development and computer training courses.

[2] Contract Training refers to customized training for business, industry and government agencies.

b. Gifted/ High Potential Program: Fall/Spring — Belen, Los Lunas & Isleta Elementary Schools, 180

McCune Charitable Foundation Accelerated-Enrichment Program; Fall/Spring — Los Lunas, Belen & Isleta Elementary Schools, 181.

Sub-total Gifted/McCune Programs 2001-2002: 664.

c. Community Training Center: (for CPR/First Aid/American Heart Association) 1,494.

d. Gear-Up Grant (tutoring for middle school students): 148

ii Cultural Enrichment Series:

Fall 2001:

- Songs of the Chicano Movement, 35
- El Viaje A Los Estados Unidos, 25
- Celebrating Success 20th Anniversary of Campus, 200
- Bob Eisen Dance Performance, 10
- Sharing the Words, 65
- Wellness Fair, 100
- Los Pastores de Belen, 80

Spring 2002:

- Martin Luther King Jr. Celebration, 100
- Adobe Houses for Today, 60
- Native American Creation Myth, 30
- Valley Cultural Festival, 100
- Sharing the Words, 60
- The Embarrassed Husband (theatre performance), 90
- The Embarrassed Husband (theatre performance), 60
- University Choral Performance, 50
- Sub-total Cultural Enrichment Series 2001/02: 1,165

iii. Special Events sponsored by Community Education:

Fall 2001: Mass CPR Training, 28

e. Child Care Center

i. The second classroom opened, making our capacity 40 FTE children ages 2½ - 5.

ii. The new, larger playground was completed and has been in use since October, 2001.

iii. The entire program and staff stabilized and congealed into a very strong, effective child development program.

iv. We formed a partnership with the ABE/Literacy Council program, accepting LEP children into the program.

v. Students from ECME classes are using our classrooms as a laboratory to observe and evaluate children's developmental milestones.

vi. We completed the second year of the Focused Portfolio research project that is geared to induce the legislature to continue and increase funding to high quality early childhood programs.

vii. A grant was awarded by the Federal Department of Education (CCAMPIS) to partially fund the opening of the third classroom as a drop-in; latch-key and evening child care program.

f. Workforce Development:

i. Began the program on April 1, 2002.

ii. Began the first Weekend College discussions with a meeting on the 22nd of April.

iii. Written and submitted one AACC *MentorLinks* grant proposal due July 11, 2002 (submitted through Main Campus on the 10th) for "Information Technology Partnership Program" with Los Lunas Career Academy for September 2002.

iv. Attended the Sud-Chemie annual Education Fail at Sud-Chemie in Belen on the 15th of July, where we provided education information to 30 Sud-Chemie employees. Bea Sanchez and Lucy Sanchez were also in attendance. Have a meeting regarding training in August at Gregory Lay's request.

v. Completed the training in Houston for NCCER and received certification as a Master Trainer on 1 August.

vi. Provided training for the Valencia County 4-H groups in customer service and in counting out change for the county fair on 16 August.

vii. Received the AACC *MentorLinks* grant for "Information Technology Partnership Program" for $7500.00 over two years.

4. **Faculty Assembly:**

   a. Officers for 2001 – 2002:

      i. President: Greg Candela

      ii. Vice President: Reid Mowrer

      iii. Secretary: Jami Hacker

      iv. A & S: Dubra Karnes-Padilla

      v. B & T: Cindy Chávez

   b. Standing Committee Chairs for 2001 – 2002:

      i. Tenure and Promotion: Celestyn Brozek & Greg Candela

      ii. Faculty Professional Development: Michele Diel

      iii. Faculty Program Development: Toni Black

      iv. Curriculum: Julie Depree

      v. Faculty Conflict Resolution: Jon Conescu

      vi. Adjunct Faculty: Dubra Karnes-Padilla

      vii. Outcomes Assessment: Michelle LeBeau

B. Significant Plans and Recommendations

1. **Overall**

   a. Create Catalog for 2002 – 2004.

   b. Further develop training programs for workforce development including welfare reform.

   c. Enhance and expand business, industry and other agency partnerships to insure currency of vocational programs.

   d. Improve communications with main campus departments and other receiving institutions to insure effective student transfer.

   e. Enhance and expand business and industry training programs.

   f. Improve campus-wide data collection and information management.

g. Continue to integrate technology into the classroom through faculty training, presentation rooms, and inclusion of A/V equipment into other classrooms.

h. Continue to improve internal communications/teamwork/collegiality:

i. Share information to improve effective communications through informal and formal networks and by publishing important documents, such as the Campus Catalog, the Faculty Procedural Handbook, and proceedings of the Instructional Council and Strategic Planning to the web.

ii. Provide workshops, seminars, such as ongoing Covey training, to improve teamwork and encourage collegiality campus-wide.

iii. Support Staff Association efforts directed at improving communication and morale.

iv. Provide easily accessible information/training on setting up email and web pages, including faculty training for viewing course enrollments.

2. Credit Programs

a. General

i. Revise all vocational programs to reflect business and industry needs on an annual basis.

ii. Revise all academic programs to ensure congruency with corresponding UNM programs.

iii. Continue to assess effectiveness of all credit programs.

iv. Continue to upgrade all business, technology, and vocational programs/courses curriculum.

v. Promote and provide WebCT training to all interested faculty.

vi. Develop and deliver WebCT training courses.

vii. Design, develop, and deliver computer-based training courses.

viii. Expand Apprenticeship programs utilizing National Center for Construction and Educational Research curriculum

ix. Continue to supply short-term training for employers in the community.

x. Update equipment and/or software for all programs in Business and Technology, developmental studies labs and presentation rooms.

xi. Advertise, market, and promote Business and Technology programs via brochures, high school visits, radio, billboard, television, and word-of-mouth to community members.

xii. Expand and improve Tech Prep programs of study and concurrent enrollment programs to align with Objective #1 of Strategic Direction #3 of the University of New Mexico—Valencia Campus.

xiii. Continue to closely align high school curricula to UNM—Valencia's curricula in order to improve academic preparedness of students pursuant to Strategic Direction #3 of UNM—Valencia.

xiv. Implement Student Program Planners to guide students from secondary to post-secondary two year-degree status and beyond.

xv. Continue to actively support Tech Program programs of study by acquiring equipment, software, and supplies for consortium schools.

xvi. Provide on-going opportunities for Tech Prep secondary teachers to attend academic and occupational training contextual learning techniques.

xvii. Incorporate business and employer partnerships to assess program needs, develop program curricula, and assess program effectiveness.

xviii. Develop effective marketing strategies and materials to recruit Tech Prep students.

xix. Incorporate work-based learning and other meaningful initiatives into Tech Prep programs of study.

xx. Recruit teachers for Applied Academic training provided by the State Department of Education.

xxi. Establish training opportunities for academic teachers, technology teachers, school counselors, career transitional specialists, and district curriculum development specialists.

xxii. Create on-going interest and awareness of Tech Prep through community outreach efforts and the fourth annual Business & Technology Expo.

xxiii. Create Instructional Technology Center to provide service, training and resources for all presentation equipment and faculty who use it.

b. Business & Technology:

i. The Division of Business and Technology has set one of its major goals for the coming year to increase retention. They will be working with the Public Information Office and the Workforce Development Officer to explore Marketing methods. Increase student awareness and participation in the International Association of Administrative Professionals (IAAP) Student Chapter. Explore other student groups for other technical areas such as IT, CAD, WEB Design and CAD.

ii. Continue to work with local advisory boards to assist and review current and new curriculum.

iii. Explore the possibility to set up an additional computer lab, similar to that of the Electronics Lab, where self-study courses could be taught, such as: MOUS Certification, Java Script, CompTIA, and other suitable courses through CBT and other relevant mediums.

c. Tech Prep:

i. Expand and improve Tech Prep programs of study and concurrent enrollment programs to align with Objective #1 of Strategic Direction #3 of the University of New Mexico-Valencia Campus.

ii. Provide on-going opportunities for Tech Prep secondary teachers to attend academic and occupational training contextual learning techniques.

iii. Develop effective marketing strategies and materials to recruit Tech Prep students.

iv. Incorporate work-based learning and other meaningful initiatives into Tech Prep programs of study.

v. Create on-going interest and awareness of Tech Prep through community outreach, parental involvement, and business partnerships.

d. Wellness and Fitness Education Center:

i. The FWEC coordinator will continue to perform the tasks needed to successfully perform duties related to the daily management of the FWEC and long range planning.

ii. The FWEC will continue to offer opportunities for the students, faculty, staff, and community to attend a variety of health education presentations and participate in exercise activities.

iii. The FWEC staff will organize the 3rd Annual Wellness Fair, "For the Health of It."

iv. A brochure will be printed and distributed to market the FWEC.

v. The FWEC will organize the UNM-Valencia Campus Relay for Life Team to raise money for the American Cancer Society.

vi. The FWEC will develop a Web page.

vii. The coordinator will further develop the fitness assessment services offered by the center and purchase more equipment to support these services.

viii. The coordinator will write articles for the local newspaper and 6 articles for the faculty newsletter.

ix. Community out-reach presentations will be given by the coordinator.

x. Equipment needed to support existing and future programming will be researched. A request for purchasing will be submitted.

xi. The coordinator will take the steps needed to bring the campus bicycle path proposed project to fruition.

xii. Promotion of the classes and programs offered in Physical Education and Health will continue as a priority.

3. Non-Credit Programs

a. Adult Basic Education

i. The ABE Center will begin providing Internet instructional services on campus, and at remote outreach sites.

ii. Faculty professional development will continue to focus on the theme of instructional technology.

iii. New approaches to providing child care services for ABE students will be explored and initiated.

iv. The ABE Center will expand services in Torrance County.

b. The Learning Center

i. The Student Enrichment Center will engage in several new activities in the fall '02 and spring '03 semester.

a) Provide a series of workshops on Critical Thinking Skills

b) Upgrade the Center web pages so that all are compliant with ADA and Section 508 requirements.

c) Pilot the use of Adventure Systems math software in collaboration with two mathematics instructors.

d) In collaboration with developmental studies faculty, study the effectiveness of the LearningPlus reading program in helping students in Academics 100 and 101 to achieve passing grades.

e) Attend the National Association of Developmental Education Annual Conference in Austin, TX in February 2003 (two staff members).

c. Library

i. Have the Information Literacy Task Force recommend strategies that would enable Valencia Campus students to better meet the national outcomes standards for information literacy.

ii. Review the usage statistics for each periodical title and recommend significant cancellations in order to use the periodicals budget for new titles that faculty have requested.

iii. Review the entire reference collection and weed out books that are rarely used and/or outdated.

iv. Review and reorganize the entire map collection.

v. Work with the new Public Services Librarian and appropriate faculty to evaluate the content of the various library instruction classes and recommend possible changes in method and/or content.

d. Community Education

i. Non-Credit programs:

Personal Enrichment, Professional Development & Computer Training: Enrollment began to decline in Fall 2001 and the conclusion was that the events of Sept. 11 had an impact on enrollment. CPR and 1st aid class enrollment increased at the same time. While non-credit enrollment for spring and summer was steady, enrollment once again has plummeted for fall 2002. Despite increase marketing efforts such as local display advertising, schedule distribution and radio shows, enrollment has not improved. Discussion with the Public Information Office has begun with regards to marketing techniques, however, it may be that the fall semester will continue to be weak at this time. I

am exploring other formats such as a "winter" and "spring" session to start later than the regular semesters.

ii. Gifted-High Potential and McCune Charitable Foundation Programs:

Funding from the McCune Charitable Foundation will end as of fall 2002. Efforts are underway by the Campus Development to locate new funding to continue the program. So far, a small grant of $1,000 has been secured. The Gifted portion of the program will continue as it is funded by the Belen, Los Lunas and Isleta schools.

Gear Up: This federal Dept. of Ed grant provides tutorial services for students grade 5 - 9 at local school sites. If the grant application is successful, a program will be established at 7 school sites in Belen, Los Lunas, and Isleta.

iii. The Community Training Center:

This program right now is showing enormous potential. Training contracts are coming in, including a portion of a United Way grant to the American Heart Association that will allow us to train 475 people in Valencia, Bernalillo, Torrance and Sandoval counties in CPR. This contract will be upwards of $11K. We have also trained for the UNM School of Pharmacy and have a contract with Cimarron Health Group. CTC Coordinator Sheran Dodd has been employed at UNM--Valencia for over 2 years at an "on-call" status. Plans for 2002-03 are to establish a permanent coordinator position.

EMT & CNA: Community Education Services has taken over these 2 credit programs. Sheran Dodd is serving as a liaison between UNM-Valencia and the Valencia County EMS Board to establish a strong program to meet the needs of the EMS community. We have also taken the CNA program and are moving the program from the Geology Lab to the LRC. New beds are being acquired, and the program is thriving.

iv. Cultural Enrichment series:

The Committee has 12 UNM--Valencia staff and faculty, so interest is at an all-time high. Symposiums are being planned for Los Pastores (in conjunction with the UNM History and Theatre Departments and the National Hispanic Cultural Center) for November with Valencia being one of 3 venues; and a local writer's symposium with Greg Candela and Richard Melzer collaborating with Community Education. Other traditional events will continue such as the Martin Luther King celebration in January and the Valley Cultural Festival in April.

v. Out-Of-District Instruction:

Efforts to administer placements tests were successful with the Socorro program, and enrollment was strong in that community for fall 2002. Development classes included ENGL 010 & 100, and MATH 010, 100 and 120. With the "No Child Left Behind" Act, school districts are seeking to enroll Educational Assistants (EA's) in college level courses to satisfy the federal mandate that will require EA's to pursue higher education. Plans are underway to continue developmental English & Math courses in Socorro to bring students to the college level and to begin offering courses toward an AA in Education. Similar efforts will be made in the other out-of-district sites, especially Moriarty, as well as Estancia, Mountainair and Magdalena.

vi. Electronic Distance Education:

On-going relationship with the UNM-Extended University bring upper division and graduate courses via satellite to Valencia Campus. The Extended University continues to fund 1/2 time for a student employee to monitor the classes in the evenings. Links for C & Ku band teleconferences continue from time to time, with a teleconference taking place on October 17 for the County Extension Office.

vii. Workforce Training:

With the hiring of Kevin Begley as the Program Manager for Workforce Development, new programs and business relationships are being established. Changes may take place with the Dept. of Labor and the Workforce Connection of Central NM One-Stop Center co-locating at Valencia Campus in the coming months. Efforts to establish Valencia as a "certified one-stop" are being pursued by the WIA Board. Rita Logan continues to serve on the WIA Board. A proposal is being written and will be submitted by the end of October to the WIA Board to offer Intensive Services in ABE/GED/ESL, Computer Literacy, Comprehensive Assessments and Pre-Vocational training in Valencia and Torrance counties.

Customized Contract Training: On-going efforts are being pursued with local businesses in conjunction with Kevin Begley.

e. Child Care Center

i. A grant was received to partially fund the drop-in, latch-key, evening child care service students said they want. Options are being explored to supplement funding for that service. If solutions are found, it is hoped this service could start spring semester.

ii. I am writing a grant in January to the Daniels Foundation for three purposes:

- To help fund the drop-in center
- To bring NVC (Non-violent Communication) training to our families as part of the scope of work for the CYFD grant -- supporting the strengthening of our families enrolled in our child development program.
- To create a water-play fountain on the playground that will provide opportunities for water-play without wasting our precious water. I plan for it to recirculate.

iii. I have started the process that will lead to accreditation by the state of New Mexico Aim High organization as well as by the National Association for the Education of Young Children. When accreditation is achieved, we will be eligible for higher $ reimbursement by the Social Services dept. of CYFD.

f. Workforce Development

i. Provide Customer Service Training for Staff at Belen high school.

ii. Provide Customer Service Training for Isleta Pueblo.

iii. Establish WorkKeys© assessments for Belen high school students.

iv. Provide WorkKeys assessments for Isleta Pueblo.

v. Forge collaborative training agreements with local economic development groups.

vi. Provide business training for multiple groups in the county. Goal is 20 FTE equivalent.

vii. Provide quarterly NCCER Craft Instructor certifications for classes throughout our service area.

C. Appointments to Faculty and Staff

1. Full-Time Faculty

a. Reid Mowrer, J.D., Assistant Professor of Mathematics.

2. Staff

a. Elaine Finke, Academic Office Administrator.

b. Theresa Sangre, Academic Office Clerical Assistant.

D. Separations from Faculty and Staff

1. Faculty

   a. None.

2. Staff

   a. Sue Garley, Academic Office Administrator

E. Tenure and Promotion Decisions

1. Advancement to Professor

   a. Michelle LeBeau, Ph.D., Professor of English and Chair of the language & Literature Department.

   b. Reinaldo A. Z. García, Ed.D., Professor of Information Technology and Dean of Instruction

2. Achievement of Tenure and advancement to Assistant Professor

   a. None.

3. Advancement to Code 4

   a. None.

F. Publications, Papers, and Notable Achievements

1. Reinaldo A. Z. Garcia, Ed.D., Professor of Information Technology and Dean of Instruction:

   a. Appointment to Planning Council at UNM.

   b. Appointment to P-16 Task Force at UNM.

2. Pamela Etre-Pérez:

   a. Earned a Ph.D. in Language Literacy and Sociocultural Studies from UNM. She received an outstanding achievement award for her coursework and passed her comprehensive exams with distinction.

   b. Presented her research at the National Council of Teachers of English Assembly for Research Conference in February and at the American Educational Research Association Conference in April.

c. Published a book review in the Spring 2002 issue of the Adult Basic Education Journal.

3. Tina Shiplet:

   a. Tina Shiplet served as one of five mentor teachers on a statewide Adult Multiple Intelligences project.

   b. Tina Shiplet served on the Adult Basic Education Director's Council.

4. Richard Melzer:

   a. Book review of Mark C. Anderson, Pancho Villa's Revolution by Headlines in the Journal of American History, vol. 88 (September 2001): 686-87.

   b. 2nd Edition of From Where I Stand: Contrasting Views of New Mexico History. New York: Whittier Publications, 2002.

   c. With Margaret Espinosa McDonald, Valencia County, New Mexico: History Through the Photographer's Lens. Virginia Beach: Donner Company, 2002.

5. Nancee Mancel:

   a. Inducted into "Who's Who Among America's Teachers.

6. Michael Davis:

   a. Documentary Televised Broadcast (video publication): June 2001, Created and recorded music for 1 hour length Colores!: A Commitment To Peace, which aired in January 2002.

   b. Book-Music Publication: March 2002, 5 pieces (2 Original, 3 Arrangements) published in "September Psalms" The Shape-Note Community Remembers...a choice collection of Hymns, Anthems and Fuging Tunes. (Edited by Christopher Noren; Website: http://homepage.mac.com/chrone/september.html; Premier Reading of Original works at the Western Massachussetts Sacred Harp Convention March 9, 2002, Northampton, Mass.)

   c. Conference Presentation-Concert: March 2002, "Riding The Clouds" Spirit Dances for Marimba solo, composed in 1998 for Tracy Wiggins, marimbist; performed at the UNM Composer's Symposium March 26, 2002, Keller Hall. Tracy Wiggins, Marimba. (was among the guest composers featured at the Symposium hosted by the School of Music UNM Main for three days, participating in panel discussions, critiquing

and working with student composers, and presenting myself and my music in a session called Meet the Composer.

d. Documentary Televised Broadcast (video publication): May 2002, KNME TV 5, created original music for Colores!: Clinton Adams, Tamarind Institute. Broadcast in June 2002.

7. Frank Melcori:

a. Presented for the public an original play entitled, "Father Malarky" under the auspices of the Italian American Home Theater of which he was the artistic director, March, 2002.

b. Wrote and performed a chamber opera entitled, "Jocasta and Oedipus" co-written and performed with Karen Fox and under the production titile of the Body Opera Company. It was performed at Plan B in Santa Fe, January, 2002

8. Greg Candela:

a. "Surfing New Mexico." Crones Unlimited (Los Lunas, NM) 97 pages, Poetry, Essays, Photography, 2001.

b. "A Brief Letter from the Heart." Maruoka-cho, Fukui Prefecture, Japan. Maruouka-cho Cultural Foundation. (Publication and "Excellence Award")

c. "Ay Candela," Compact Disc. 13 songs, including 3 original songs: "Una Cansion," "Virginia," and "Unforgiving Rain." Arranged and produced by Greg Candela and Steve Sullivan

d. "El Mozo Regresa." 200-line Dramatic Monologue (Commissioned by Valley Improvement Association for the dedication of Tome Hill Park). Performed at the Park Opening

e. Presenter, New Mexico Higher Education Retention Conference. "Generation Next" and "Texts Coming Apart" (2-22-01)

f. and Marsha Candela. Keynote Speakers. "Collegial and Curriculum Bridges." Tech Prep Conference (4-6-01).

g. "The Small College of Make Believe" Radio Spot KARS, 4-26-01.

h. New Mexico Tech 2nd Annual Poets Gathering, Socorro, NM, 5-1-01.

i. Phi Theta Kappa, UNM-Valencia Campus, 4-20-01.

j. 19th Annual Valley Cultural Festival, UNM-Valencia Campus, 4-20-01.

k. Poets and Writers Picnic, Mountainair, NM, 8-26-01.

9. Mary Robinson:

   a. Was awarded the American Mathematical Association (AMATYC) of Two-Year Colleges Teaching Excellence Award for the 4 state Southwest regions of Arizona, New Mexico, Oklahoma and Texas, November 2002.

   b. Elected to the position of AMATYC Southwest Vice President to serve a 2 year term from 2001-2003.

   c. Serves on the Two-Year College Committee of the Mathematical Association of America (MAA) and have done so for the last 4 years with another 2 years to go on my present 3 year term, to conclude in 2005.

II. STUDENT SERVICES – 2001-2002
Raymond Rondeau, Associate Director Student Services

A. Significant Developments

1. Admissions/Registrar's

a. In an effort to enhance awareness about the Valencia Campus, the staff from the Admissions/Registrar's Office was actively involved in informational workshops conducted at area high schools.

b. The new degree audit system is in place and is called "PROGRESS." All students at UNM-Valencia campus now have the ability to look at their own academic degree progress which tells them what they have completed and what they still need to complete their program of study. Advisors are able to use the system to complete petitions to graduate for students as well as conduct "what if" scenarios for students interested in other programs.

2. Advisement & Counseling Services

a. Retention efforts have continued with a result of 77% of first semester students for fall 2001 retained into the spring semester 2002. The retention for fall 2000 to spring 2001 was 73%.

b. The Peer advisor program has continued with two students as student employees who work with new students during the peak enrollment periods throughout the year. They assist with the admissions application process and with helping new students to understand the admissions/registration and advisement procedures.

c. The early registration program to allow early admissions and registration or high school seniors during the months of March and April was continued with positive results. Students from Los Lunas, Belen, Century and Infinity participated in early admissions/registration.

d. A new Group advisement program for all new students was initiated late pring 2002. The program consists of a 1.5-hour workshop that takes place in one of our computer classrooms. Students are introduced to the advisement and registration process, review their placement test results and register on-line for their classes. This program has resulted in a more effective and efficient procedure for processing new students.

e. Advisement & Counseling staff participated in the development of the 2002-2004-college catalog by reviewing and commenting on program changes.

f. We were able to create a resource room out of the old Security office located in the Advisement & Counseling Center with 9 computers. This allows us to conduct placement tests, career assessments and other student related activities on an on-demand basis. Additionally we were able to install 3 computers in the Advisement & Counseling Center lobby and 4 in the Admissions/Registrar & Financial Aid lobby. These computers are used by students to register for classes, check their registration status, and apply for financial aid.

3. Career Services

a. During the fiscal year Career Services was moved from the Learning Resource Center building to the Advisement & Counseling Center. We are now able to offer one-stop services in the Center that allows us to provide advisement, counseling and Career Services to our students.

b. Career Services placed 26 students in cooperative education experiences. One student participated in a HACU (Hispanic Association of Colleges and Universities) internship at the National Institutes of Health in Washington, D.C.

c. Career Services conducted its 17th annual Vocational/technical Job Fair on September 26, 2001 in the SCC multipurpose room. Thirty-four employers and some 218 students participated in the half-day program.

4. Counseling Services

a. Counseling Services is now a part of the one-stop concept in the Advisement & Counseling Center.

b. The Title V Counselor coordinated Early Alert, Exit Interview and the mentoring program for UNM-Valencia Campus. The counselor also participated in a math anxiety pilot program that has resulted in a new 1 credit hour class called "Finding Your Mathematical Voice."

c. The Title V Counselor conducted Alcohol, Anxiety and Depression Screenings during those national college screening days during the Spring 2002 period.

d. The Title V Counselor provided on-going academic advisement as well as counseling for our Valencia campus students.

5. **TRIO/SSSP**

a. UNM-Valencia Campus won a grant under the TRIO umbrella to serve low income, First Generation College and /or disabled students. A manager, Counselor/social worker, Senior Academic Advisor and an Administrative Assistant, staffs this program. This 4-year grant will allow us to provide intensive services to a minimum of 168 students per academic year. These services include advising, counseling, tutoring, and weekly contact with the students, monitoring class attendance, and providing college survival skills workshops.
b. The program is funded at $190,000 the first year with anticipated increases of 3% per year over the following three years. Additionally, $5,000 was designated for technical support use for purchase of computers and software to assist in operating the program during the first and second years.

B. Significant Plans and Recommendations

1. On-going training for staff.
2. Off-site financial aid workshops will continue to be a big part of recruitment efforts.
3. Participate in the physical expansion and renovation of the Student Services area, which will provide for increased file storage space, the establishment of an Assessment Center, and remodel of the Admissions/Registration/Financial Aid one-stop service area.

C. Appointments to Staff

1. Lyn White, Mgr Student Support Services Program (SSSP) December 2001.
2. Edward Ramoth, Counselor/Social Worker Student Support Services Program (SSSP) April 2002.
3. Yvette Vaisa, Administrative Assistant, Student Support Services Program (SSSP) February 2002.
4. James West, Senior Academic Advisor, Student Support Services Program (SSSP) April 2002.

D. Separations from Staff

1. James West terminated June 2002.

III. OFFICE OF BUSINESS & FINANCE – 2001-2002
Andrew Sanchez, Associate Director, Business Operations

A. Significant Developments

1. Campus Issues

a. On August 7, 2001 the UNM – Valencia Advisory Board approved a bond resolution to send to the voters a proposed $5,000,000 bond issue for continued progress on the five-year master plan. The election was held April 9, 2002 and was passed by a substantial margin of 66% in favor and 34% against.

2. Business Office

a. The Business and Finance area contributed heavily to the campus' effort in obtaining approval from county voters to issue $5,000,000 in bonds while maintaining the current debt service mil rate. These efforts included getting the election set up with the county clerk's office, making a number of presentations to the Board of Regents, The Commission on Higher Education and to a number of community organizations countywide.

3. Security

a. Because our Security staff is limited, the department began using a cellular phone so that they could be reached while on patrol. We are currently evaluating the feasibility of other methods to make the Security staff more available. Efforts to acquire authorization to house a defibrillator on campus have thus far been unsuccessful. The department will continue these efforts.

4. Human Resources:

a. Human resources assisted in the drafting of a new policy regarding faculty/student relations. In addition, a new sexual harassment policy for staff and faculty was implemented which provided mandatory on-site sexual harassment training. A new hire orientation plan was put into place, which included a new manual for all new hires outlining policies, procedures, and benefits specific to Valencia Campus. All new hires are now processed on their first day through Valencia Campus HR, which provides them with a welcoming orientation and oversees the completion of all paperwork.

b. Bea Sanchez continues working as an on-call minority recruiter. She regularly attends the Belen, Los Lunas, and Bosque Farms Chamber of Commerce luncheon meetings, as well as the Hispano Chamber of

Commerce meetings, and has conducted other on-going recruitment activities in Valencia and Bernalillo counties.

c. Three faculty searches were successfully completed during 2001-2002 including the hiring of a full time Assistant Professor of Biology, a part-time Lecturer for Fine Arts, and a full-time Lecturer in Librarianship. Similarly, twenty-one staff employees separated from employment with UNM-VC, and fourteen full and part-time staff were hired.

d. The department continues providing important community outreach, such as the "Los Sabios" mentoring program developed at Tome Elementary School as well as a similar program at Belen High School.

5. Budget

a. Again for FY 01 – 02, as a result of receiving a number of grants, as well as continued enrollment increases, the size of the campus budget continued to grow for FY 01-02. The FY 01-02 budget increased by over 12.2% over FY 00 - 01 to $9,025,162.

6. Computer Support Services

a. In a continued effort to speed access to Network and Internet services on campus, a number of changes have been implemented. These changes include upgrading the Gateway to UNM – Albuquerque and installing some major upgrades to the network architecture. The campus data backbone was upgraded from the 100 Mb backbone architecture to 1000 Mb connections to all peripheral buildings. Additionally, each functional area has been separated into mini networks. The major buildings on campus, Vocational Technical, and the Learning Resource Center are supported with multiple 1000 Mb connections to assist in reducing bottlenecks in data transmissions. The production server was at capacity and was upgraded to a new server with multiple network cards and significantly more storage space and processor speed. Martin Castillo, from Computer Support, successfully wrote a grant to the CHE for legislative funding for continued upgrading of the network infrastructure.

b. The Computer Support Services department continues to explore new ways of improving service. As a result, a new staff position was added to meet a significant need for Internet Web Master support as well as to create one contact for all multimedia devices on campus. A User Support Analyst II position was developed to fulfill this need. Mary Ann Castillo was eventually chosen to fill the position. These changes have made a significant improvement in these areas.

7. **Auxiliary Enterprises**

   a. The Bookstore continues to improve all aspects of their operations. They continue to provide better service and reduced costs to students while increasing revenue by decreasing inventory losses. The bookstore was unable to install a new Point of Sale software that would have the capability to allow students to order their books over the Internet. It is expected that this new software will enhance customer service to both on campus students as well as distance education students while streamlining bookkeeping duties, and enhancing accountability. This remains the top priority for the department.
   b. The operational changes of the Food Service department taking over the Student Center operations has not yet had the desired effect. It was expected that this would provide better service to students as well as to streamline costs to Food Services by sharing cost between both areas. Operational changes continue to be reviewed and implemented.

8. **Physical Plant**

   a. Renewal and replacement work was completed on the campus roofing systems in mid October 2001. This project consisted of full roof replacement on three buildings, the Administrative, Arts & Science, and the Business and Technology buildings.

   b. A Second renewal and replacement project was undertaken during FY 01 – 02 to re-key the entire campus. This project was undertaken for a number of reasons, including a failing lock system, the inability to get the old locks repaired and the inability to get additional keys made. The project began in April 2002 and is expected to be completed by late fall.

B. Significant Plans and Recommendations for the new Fiscal Year

a. The Business and Finance area will move forward with the proposed Bond Sale and subsequent selection of a project architect as well as simultaneously working on a facility program and subsequent design for the new projects.

b. In our constant effort to enhance computer service to adequately meet the growing needs of our students, faculty, and staff, the Computer Support Services department will continue to upgrade network infrastructure by using a variety of funding.

c. Our Bookstore will again explore the feasibility of installing a new Point of Sale software that would have the capability to allow students to order their books over the Internet. This new software would enhance customer

service to both on campus students as well as distance education students, while streamlining bookkeeping duties and enhancing accountability.

d. The Security office will evaluate the possibility of adding a clerical assistant. This will allow someone to be available in the office at all times while allowing the security officers to have more presence in parking lots, buildings, and open areas. Additionally, new two-way radios will be purchased with radios assigned to every building to allow immediate access to security staff in case of emergency. The department will continue to work on getting approval to house an automatic defibrillator on campus in case of a heart related emergency.

C. Staff Changes

1. Additions to staff:

Judith Hendren	Accounting Tech
Michael Maes	Custodian
Albert Juancho	Custodian
Bences Chavez	Custodian
Gloria Mendoza	Custodian
Rd Brieno	User Support Analyst I
Ross Lawrence	Security Guard
Naria Maes	Custodian

2. Staff Departures

Rebecca Luna	Custodian
Walter Prahl	Security Guard
Billy Gonzales	Custodian
Susan Smith	Accounting Tech
Leticia Tellez	Custodian
Norma Casas	Custodian
Kevin Yeager	Security Guard

IV. PROGRAM DEVELOPMENT – 2001-2002
Olga Gandara, Associate Director, Program Development

A. Significant Developments

1. Small Business Development Center

a. Roberta Scott is the SBDC Director. Cindy Browning is the Business Advisor. And Linda Hutchinson is the Administrative Assistant III, providing administrative support to this unit.

b. During the fiscal year of 2001-2002, the UNM-Valencia Campus SBDC served 231 clients with a total of 653 counseling hours with an average of 2.83 hours per client.

c. The SBDC held 14 workshops attended by 125 people with 360 hours of training.

d. The Center helped 16 clients obtain a total of $2,928,500 of capital during the year, which more than triples the total for 2000-2001.

e. 24 businesses were opened with a total of 59 new jobs created and 10 jobs retained.

f. Of the clients served by UNM-Valencia Campus SBDC, 40 percent were women. 37 percent were men and 23 percent were men and women, which was the exact same percentages as the previous year.

g. Hispanics composed 59 percent of the clients, which is up from 51% in 2000-2001.

h. The SBDC and its clients were featured 41 times in the local print media. In addition to this, the Director published 10 articles in the *Valencia County News-Bulletin* and the *Mountainair News and Views*. The articles all concerned small business.

i. The SBDC hosted its third Economic Development Conference in 002 with 120 attendees. The event had Michael Skaggs, President of "Next Generation Economy Initiative" as keynote speaker with Cheryl Pink of Rio Rancho Economic Development as the morning speaker.

j. The SBDC is a member of every Chamber of Commerce in the UNM-Valencia Campus service area.

2. **School-to-Work Initiative**

a. The School-to-Work Coordinator, Darlynn Mabon, managed the program through January 12, resigning to take another position with another institution. Ruby Aragon, the Administrative Assistant III reporting to the Associate Director, Program Development and a student employee provide support services for this project. The Associate Director, Branch Program Development monitored the project after the coordinator's resignation and is handling the closure of the initiative.

b. The School-to-Work Initiative that supports activities related to career choice and career exploration for grades K-16 in five school districts (Belen, Estancia, Los Lunas, Magdelena and Mountainair) completed its fifth year of a five year funding cycle.

3. **Small Business Development Center (SBDC)**

a. The 2002-2003 program year for School-to-Work began with major personnel changes. Three of the five superintendents retired and were replaced. The Los Lunas Career Transition Specialist resigned and the Belen Career Transition Specialist took a position working with the Los Lunas Career Academy. The change in the CTS positions affected the development of the local action teams initiated at the end of the previous fiscal year since the new CTS staff did not participate in the Parent Involvement Summits that provided the groundwork for team development. In short, the first few months of the school year were devoted to developing relationships with new personnel and reestablishing support for the development of the community action teams.

b. Dr. Karen Banks, Parent Involvement consultant returned in August to conduct one-on-one follow-up sessions. Four out of the five school districts participated. Nevertheless, the personnel changes did affect the momentum that had been established in June, during the Parent Involvement Summit. During the second quarter of the program year the Belen principal, responsible for the oversight of the School-to-Work Initiative in that school district resigned. The continuity of the efforts begun in June continued to be challenged. The Estancia and Mountainair local action teams were actively engaged throughout the program year.

c. School-to-Career Initiative begun during the initial four years continued. All schools were engaged in providing activities that address career awareness and/or education. The activities include career fairs, job shadowing, career days, entrepreneurial activities,

continued implementation of Career Action Portfolios, attendance at the Sister-to-Sister Conference, School to World event, Expanding Your Horizons event, guest speakers, field trips, and academic testing and placement, Junior Achievement activities, etc.

d. Titan team from Estancia High School won the first Junior Achievement statewide championship. The "Who Wants To Be A CEO" competition started with 64 teams and the best four teams came to the finals. Each member of the winning team received a lap top computer, cell phone and service for the phone for one year. The school received a $1000 technology award.

e. A total of 27 Junior Achievement classes were taught in this Regional rea Partnership, with the majority of those classes taking place in the Estancia School district.

f. February Professor Ginger Blalock met with the Career Transition specialists to obtain feedback for the STW summative evaluation commissioned by the School-to-Work Office.

g. The Magdelena CTS participated in the 11th Annual Conference on Family Literacy held in Albuquerque in March.

h. Five representatives from the Estancia, Mountainair and Magdelena school districts attended the Nation Coalition for Community Schools in Washington, DC in June.

i. The transfer of STW equipment to respective school districts was completed during the third quarter of this year in accordance with the approval of the Department of Finance and Administration.

4. SU PARTE (Welfare Reform)

a. Effective April 20, 2002, Rosa Auletta became the Program Coordinator for SU PARTE. Since her appointment, the staff consists of 3 case managers, 1 job developer, 3 FTE administrative assistants, 3 instructors, one bus driver and two student employees.

b. SU PARTE participated in the Valencia County Economic Development Conference.

c. The SU PARTE staff is dedicated to the goal of assisting clients in ing paid employment as quickly as possible, advising on educational and training opportunities, and providing career counseling. Case management is provided to 100% of the assessed

clients. Education and skills training is encouraged while assisting clients in job placement.

d. The HSD Agreement between San Juan College and the University of New Mexico–Valencia Campus was renewed for one year to commence July 1, 2002 and expire June 30, 2003. The new funding for this fiscal year is $536,165. This represents a reduction of 37% from last year's budget. Lay-offs were minimized by not renewing three instructional contracts and by approving several staff requests for reduced hourly schedules. The program continues to provide all the required services within the constraints of our new budget.

e. 548 TANF clients were assessed in the contract year.

f. 423 SU PARTE clients were placed in employment. Of these, 227 were in Full-time employment with an average starting hourly wage of $7.14.

g. 18 SU PARTE clients were enrolled in specialized training: Commercial Driver's License, Certified Nursing Assistant, and Medical Insurance Billing & Coding. Of these, 10 graduated and 5 were employed in training related jobs by the end of June 2002. These clients enjoyed an average starting wage of $9.07. Specialized training will no longer be provided with ISD monies due to funding changes.

h. During the contract year, 174 clients requested vocational training.

i. 36 SU PARTE clients were enrolled in a special state funded vocational program called Education Works. This program allows the client to save TANF months by providing up to two additional years of assistance for full-time study. One client graduated with an AA degree from UNM-VC and one received her BA from main campus. 22 clients were still enrolled at the end of June 2002.

j. 757 TANF clients were enrolled in life skills classes. The classes offered were Applied Work Skills, Computer Fundamentals, Job Club and Success Skills.

k. 224 TANF clients were placed in community service.

l. 21 TANF clients were enrolled in work experience activities designed to prepare them for employment.

m.. SU PARTE staff has been working with the Los Lunas Community Mentors program to provide community service opportunities to the SU PARTE clients. The Dress for Success clothing closet provides good new and used clothing for work. The Mentors are VISTA volunteers. Several SU PARTE clients have had the opportunity to become VISTA volunteers as well.

n. SU PARTE clients participated in the Resume Rodeo (job fair) on campus. The SU PARTE Job Developer also arranged a mini job fair with a single employer: MCI.

o. The SASSI (drug and alcohol screening) was started in January. The professional staff of Valencia Counseling conducted the screenings. This service was terminated at the end of the contract year due to changes in funding.

p. Home Visits were started in December 2001. The goal of these visits is to assist in the identification of client barriers and help the clients meet ISD compliance requirements. 36 clients were visited during this contract year.

q. The new Region II Client Management Database was installed in May 2002. Staff received off-site training and addition on-site trouble-shooting assistance.

r. With funding provided by Clothes Helping Kinds, Inc., 21 SU PARTE children were able to attend Kids College in June and July 2002. $2750.00 dollars were awarded. .

B. Significant Plans and Recommendations

1. The Small Business Development Center

a. The Center received $142, 461 to operate during the 2002-2003 fiscal year.

b. The Center plans to continue its marketing efforts through attendance at Chamber of Commerce functions, community, campus-sponsored, Rotary and Optimist events as well as participation in appropriate seminars, conferences and workshops.

c. The Center will present a fourth Economic Development Conference in 2003 with a similar format to 2002.

d. The Center has scheduled 7 different workshops for a total of 14 workshop sessions to be offered during the 2002-2003 fiscal year.

e. The Center is fully prepared to collaborate with the appropriate structional department and is willing to design and deliver presentation on a variety of business topics to suit specific class needs.

2. SU PARTE

a. Incentives have been purchased at the Regional level and will be provided to the SU PARTE office to reward clients who are in compliance with ISD regulations.

b. Valencia County will be participating in the Wheels to Work program coordinated through the local HSD office. To date, this program has provided good, used vehicles to nine TANF clients in the Farmington area. The cars assist clients with transportation problems to obtain and maintain employment. This will require collaboration with area businesses such as banks and car dealerships.

c. SU PARTE is developing collaborative relationships with other community entities to provide services to our clients such as computer training and parenting skills.

d. Staff will receive training in identification of Learning Disabilities and tips on how to assist our clients overcome this barrier.

e. The SU PARTE staff will be receiving training in the DiSC Personal Profile System. This training is intended for use by both staff and clients.

f. SU PARTE clients will be participating in the UNM-Valencia Campus Career Fair, September 25, 2002.

C. Appointments

Small Business Development Center (SBDC)

Linda Hutchinson	Administrative Asst. III	September 20, 2001

SU PARTE (Welfare Reform)

Rosa Auletta	Program Coordinator	April 20, 2002
Linda Kianfar	Coordinator, Training	September 1, 2001
Walter Lawendowski	Client Services Manager	December 17, 2001
Cecilia Rivera	Instructor	December 3, 2001
Debbie Stiles	Coordinator of Job Development	September 1, 2001

Keni Banos-Trancosa	Administrative Asst. II	October 15, 2001

D. Separations

School-to-Work

Darlynn Mabon	Program Coordinator	January 12, 2002

SU PARTE

Kevin Begley	Program Manager	February 28, 2002
Tina Brown	Client Services Manager	October 26, 2001
Rigo Brueck	Coordinator of Job Development	January 3, 2002
Max Luna	Instructor	November 30, 2001
Jill Ogelsby	Instructor	June 30, 2002
Raul Ortega	Instructor	June 30, 2002
Cecilia Rivera	Instructor	June 30, 2002

E. Publications

Small Business Development Center (SBDC)

SBDC Manager writes a newspaper column for the *Valencia County News-Bulletin* on small business topics.

F. Outside Professional Activities

Small Business Development Center (SBDC)

Business Advisor participated in Career Days at Los Lunas High School.

Manager and Business Advisor attended all NMSBDC professional development classes

Manager works with Forest Service on Business Plans.

Manager continues to serve on NMSBDC Quality committee for NMSBDC Strategic Plan.

Manager serves on NMSBDC Marketing Committee to work on marketing plans pertaining to SBDC clients and stakeholders.

Manager passed exam and is now a Certified Economic Developer.

SU PARTE (Welfare Reform)

Coordinator attended the Domestic Violence Forum held in Albuquerque, April 2002 and sponsored by SAGE .

Center for the Advancement of Scholarship in Teaching and Learning (CASTL)

July 1, 2001 – June 30, 2002

Susan Deese-Roberts, Director

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Significant developments during the academic year, 2001-2002

The most significant development during the 2001-2002 academic year was the establishment of the Center. Susan Deese-Roberts was chosen as the first director of the Center beginning a term on July 1, 2001 at .67 FTE. Clare Stott was hired as administrative assistant at 1.0 FTE and began work in May 2001. Leslie Oakes was selected as University Outcomes Assessment Coordinator at .4 FTE; she works closely with CASTL on faculty development issues related to outcomes assessment.

During the first year of operation, the Center focused on incorporating three existing programs/activities under CASTL operations: New Faculty Orientation, the Teaching Assistance Resource Center (TARC), and the University teaching awards process.

New Faculty Orientation was held on August 14 and 15, 2001 at Continuing Education because of renovation to the New Mexico Union. The Orientation was organized in conjunction with Faculty Contracts and was budgeted through the Office of the Provost.

As part of the TARC, three sections of "Teaching the Basic Course" for American students and two sections of "Teaching the Basic Course" for international students were taught and the spring workshop series was held. Workshops offered were: March 22, 2002 "Effective Library Skills" with Mark Emmons and Kathy Keating; April 5, 2002 "Discussion as a Way of Teaching" with Steve Preskill; April 19, 2002 "Teaching International Students" with Christopher Deal and Stephanie Simmons; and April 26, 2002 "Creating a Teaching Portfolio" with Mary Meares and Nichole Abeyta.

Teaching Award winners were 2002-2004 Presidential Teaching Fellows Elen Feinberg, Art & Art History and Karen Foss, Communication & Journalism; 2001-2002 Teachers of the Year Steve Hersee, Electrical & Computer Engineering and Jennifer Predock-Linnell, Theater & Dance; and 2001-2002 Adjunct Teacher of the Year Ralph Dawson, Electrical & Computer Engineering. Teaching Assistants of the Year were Stanislaw Dolega, Mathematics & Statistics; Scott Rode, English; Michelle Ueland, Language, Literacy & Socio-Cultural Studies; Aryn Seiler, Foreign Languages & Literature; Amie Kincaid, Communication & Journalism; and Britta Limary, Communication & Journalism. The Adjunct Teacher of the Year award was officially established as a University Teaching Award in spring 2002, and the first official recipient was Ralph Dawson, Electrical and Computer Engineering. The previous year's (2000-2001) "unofficial" recipient, Anne Skinner-Jones of Women's Studies, was also awarded a stipend and plaque.

In addition to these three major program components, CASTL also offered a number of teaching related workshops. In the fall semester, October 22, 2002 , CASTL co-sponsored the workshop "CATS: Classroom Assessment Techniques" as presented by Michael Zielik. In Spring 2002, CASTL offered a series of workshops for faculty. Topics included: January 28, 2002 "Crisis in the Classroom" with Counseling and Therapy Services, facilitated by Carol Wagner-Adams; April 1, 2002 "Outcomes Assessment" with Leslie Oakes; and April 15, 2002 "Alternatives to ICES" with Leslie Oakes.

Service learning as a new pedagogy was researched during the year with the CASTL Director leading a team of three UNM faculty and one graduate student at the Pew Institute for Service Learning in Salt Lake City, Utah. Team members were Rose Mitchell, College of Education; Cheryl Learn, Director of Women's Studies; and Jamaal Martin, graduate student, College of Education.

During the first year of operation, the CASTL office space was completely re-organized, additional furniture was ordered, networking ports were activated for computer networking, new computers were ordered for some staff and other computers were upgraded, new telephone lines were installed and existing lines were relocated, signature authority on budgets were updated, purchasing cards were established for the department, new resources were purchased for the CASTL library, and a website was started.

Significant plans and recommendations for the near future.

Lee Shulman, President of the Carnegie Foundation for the Advancement of Teaching, was invited to appear on campus during the fall 2002 semester to celebrate the CASTL inauguration.

New Faculty Orientation will be expanded to include 4 – 5 luncheon meetings during the academic year. A budget for New Faculty Orientation activities will be transferred to CASTL for 2001-2002 along with most organizational responsibilities.

Plans continue for the establishment of Faculty Learning Communities around topics such as Service Learning; Peer Assessment/Classroom Instructional Diagnosis; Scholarship of Teaching and Learning; Scholarly Publishing; Teaching and Technology; and Classroom Writing.

A task force was established to create a teaching and learning center. With the creation of CASTL the work of the task force was complete. During the up-coming year, CASTL will determine ways in which the Teaching Enhancement Committee (TEC) can serve an advisory role for CASTL. TEC also has a role in the selection process for teaching award winners. A

number of years ago, a teaching-needs survey was conducted and should be conducted again. A survey would be an appropriate joint-project for CASTL and the Committee.

Discussions about evaluations of teaching will continue in conjunction with the Outcomes Assessment Coordinator. An investigation of teaching portfolios as part of the tenure and promotion process will be undertaken.

Exploration of the role of teaching award winners in the activities of CASTL will be undertaken. Specifically, the use of award winners in assessment of teaching and as mentors for new faculty will be explored.

CASTL will work collaboratively in areas of common interest with affiliated programs such as Preparing Future Faculty and with the new Dean of the Office of Graduate Studies.

CASTL will investigate formats for and produce appropriate CASTL publications as well as launch the website in 2002-2003.

Appointments to faculty/staff.

Susan Deese-Roberts, Director, July 1, 2001

Clare Stott, Administrative Assistant I, May 15, 2001, upgraded to Administrative Assistant II on May 17, 2002

Separations of faculty/staff.

None

Publications of the division

TARC Newsletter, Volume 9, Fall 2001 and Volume 10, Spring 2002.

Publications of individual faculty/staff.

None

Outside professional activities of staff members.

Deese-Roberts, Susan

Committees

New Mexico Academic and Research Librarians, Past President

Executive Assistant to the Board, College Reading and Learning Association, Ex-officio Board Member

Conferences

College Reading and Learning Association, Spokane, WA, October 2001

Professional and Organizational Development in Higher Education, St. Louis, MO, October 2001

New Mexico Library Association, Las Cruces, NM, April 2002

PEW Service Learning Institute, Salt Lake City, UT, April 2002

Faculty Development for Teaching, Learning, and Technology, Summer Institute, Portland, OR, June 2002

Consulting

Institute of Public Law, Albuquerque, NM, September and November 2001

Presentations

"Learning Support Centers in Libraries and in Learning Resource Centers," Winter Institute: Learning Support Centers in Higher Education, Tucson, AZ, January 2002

"The Scholarship of Teaching: Implications for Developmental Education and Learning Assistance," New Mexico College Reading and Learning Association, Taos, NM, May 2002

Outside sponsored research.

None

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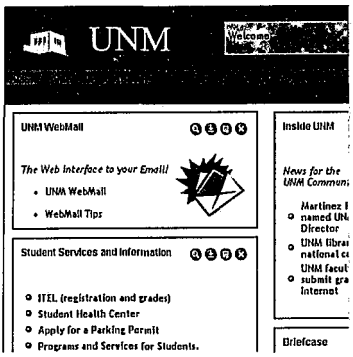
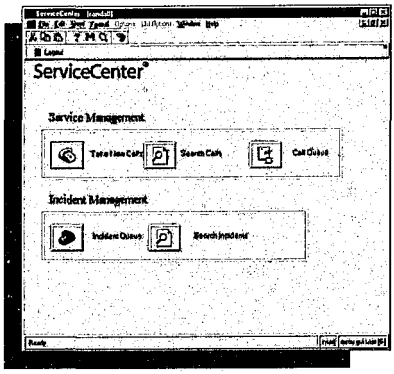
COMPUTER & INFORMATION RESOURCES & TECHNOLOGY

"Making the most of Information Technology."





Annual Report Fiscal Year 2001 - 2002

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COMPUTER & INFORMATION RESOURCES & TECHNOLOGY

Annual Report
July 1, 2001-June 30, 2002

Prepared by Staff and Management of CIRT

Computer & Information Resources & Technology (CIRT) is the computing center at the University of New Mexico. CIRT's experienced staff and dynamic resource capabilities provide computing and networking services to a diverse and extensive campus community.

2.0 EXECUTIVE SUMMARY

The 2001-2002 academic year saw a change in leadership at CIRT with the retirement of long time Associate Vice President, Dr. John S. Sobolewski. Dr. Sobolewski came to UNM in 1988 and provided leadership and guidance to CIRT and UNM as information technology has become an integral part of the campus. Dr. Sobolewski retired on February 28, 2002. William L. Adkins was selected to replace Dr. Sobolewski as an Interim Associate Vice President while The University evaluates the information technology governance structure on campus. A permanent replacement is expected to be selected as part of that process.

CIRT's major accomplishments for the 2001-2002 academic year fell in the following broad areas:

- Administrative application improvements.
- Client support and infrastructure software improvements.
- Campus data communications network improvements.
- Hardware and other infrastructure improvements.

Usage of CIRT's various services is detailed in the tables and graphs shown in Section 6 and continues to increase in many categories. It is becoming increasingly difficult to meet the demand on these services, but CIRT has been able to acquire additional resources and funding from two sources. First from The University due to their commitment to implement the SCT Banner ERP suite of administrative applications and the second from CIRT's success in securing funds through the Commission on Higher Education's IT capital funding process. These funds have not increased CIRT's base budget, but CIRT has been able to use them effectively over the past year.

Throughout the year, CIRT made numerous incremental enhancements to its academic and administrative support systems, which are detailed in Section 4. In The University's administrative applications area, most of the enhancements were focused on stabilizing the applications and providing state or federal mandated improvements while The University prepares to implement the SCT Banner ERP suite of applications. The University has purchased the SCT Finance module and the SCT Student and Academic modules, and the implementation process for the Finance module began late last fiscal year.

In the client support and infrastructure software area, CIRT continued to upgrade desktop machines in the Pods and replaced the visualization lab SGI workstations with new Dell PCs. This year also saw the implementation and deployment of a student portal that CIRT developed in conjunction with Interactive Business Solutions. The other major development in this area was the progress that was made on establishing an enterprise directory to support the campus.

In the hardware and physical infrastructure area progress was made on replacing aging servers and in providing additional shared storage for CIRT clients. CIRT's e-mail cluster was consolidated and continues to support the growing demand for messaging on campus.

The significant progress in our network environment involved the redesign and upgrade of The University's headend routers. That project also included an upgrade of our I1 network connection to 45Mbps and the

deployment of a firewall and intrusion detection system at the headend.

Security issues continue to be a major concern for CIRT. With the increase of peer-to-peer software available to students that enable the sharing of copyright materials and the continued vulnerabilities of Microsoft Operation Systems, CIRT staff have been very busy. Our major goal has been to increase the education of clients across campus on how to manage their systems to avoid the majority of intrusions and compromises that are rampant on today's network. Our activities in this area are outlined in Section 4.5

The rate of change in Information Technology continues to challenge all the staff at CIRT, but we welcome the challenge and look forward to another productive year.

3.0 CIRT ORGANIZATION

CIRT's organization consists of the executive office of the associate vice president and two directorates. One directorate consists of the Information Resource Center and Administrative Information Support. The other directorate is comprised of Distributed Systems Integration Group, Central Systems and Operations Support and the Communications Support Group. Cross-CIRT support is provided by the executive offices of the associate vice president. The following summarizes the activities of these groups.

3.1 Executive Offices of the Associate Vice President

- Associate Vice President
- Unit Administrator
- Contract Administrator
- Network Specialist
- Supporting Staff

The executive offices provide support common to all groups within CIRT, including contracting, materials management, and administrative support for the entire staff of CIRT. Planning is the shared responsibility of upper-level management in the executive offices and operational groups which include: Administrative Information Support (AIS), Information Resource Center (IRC), Central Systems and Operations Support (CSOS), Distributed Systems Integration Group (DSIG), and the Network Group.

3.2 Administrative Information Support (AIS)

AIS serves the administrative information needs of the University, primarily through the development and 24-hour maintenance of mission-critical central systems such as Registration, Financial Aid Management, Financial Reporting Systems, Payroll, Human Resources and others.

3.3 Information Resource Center (IRC)

The IRC provides the UNM Community with the first level of support for CIRT-supported hardware and software. The CIRT Support Center, staff consultants, CIRT pods and classrooms, computer accounting, public relations, hardware maintence, software distribution, security, tutorial materials, publications, and the CIRT library, are all supported by and included in the Information Resource Center.

3.4 Central Systems and Operations Support (CSOS)

CSOS provides operational support for all CIRT shared systems. This includes the monitoring and operation of all hardware systems, data entry, scanning services, enterprise server operating systems, as well as database, technical, and administrative support. CSOS provides delivery service to administrative departments on campus and monitors, records, and reports the status of hardware problems. In addition, CSOS supports a staff that maintains outside contacts.

3.5 Distributed Systems Integration Group (DSIG)

DSIG supports a variety of systems running AIX and a number of other dialects of the UNIX operating system. DSIG works with academicians, researchers, and administrators throughout the UNM campus and associated organizations to support their computing system management needs. In addition, DSIG

develops and supports mission-critical university-wide-systems such as electronic mail and the World Wide Web servers, as well as the automatic generation of user accounts.

3.6 Network Group

The Network Group is responsible for designing, installing and supporting the Campus Data Communications Network (CDCN), including campus access to the Internet and other national networks such as the very high speed Backbone Network Service (vBNS). The group works closely with various units to ensure that departmental network needs are met. In addition to the installation of the network, this group maintains the current network configurations to allow accessibility on a 24-hr, 7-day-a-week basis.

4.0 CIRT ACHIEVEMENTS

4.1 Administrative Applications Projects

Selected collaborations with our customers:

HR-Employment:

- With EMIS, developed the JobFinder system for electronic job posting. JobFinder allows applicants to search for job descriptions they are interested in, and to be notified via email or phone when such jobs are posted.

HR-Benefits:

- Helped integrate the benefits processes formerly managed by University Physicians Associates (UPA) into the HR Benefits office, adding 662 UPA employees.
- Automated billing for retiree insurance programs.

FRS/Accounting:

- Improved FRS to enable the smoothest fiscal year-end close since FRS was first implemented.

Registrar:

- Migrated support of the I-Tel web/phone registration service to CIRT. Enhanced stability and availability of I-Tel by expanding the support base, and by implementing a variety of security and operations features.
- Deployed a web-based Instructor Class List, allowing instructors secure access to a current list of students in their classes.

Admissions:

- Redesigned the web Admissions Application form to make it easier for prospective students to apply to UNM.

Financial Aid:

- Improved student service and outreach by producing Financial Aid award letters earlier than ever before (early April).

EMIS Finance:

- Participated in the evaluation of SCT and Oracle application software, with the final selection of SCT 's Banner product.

EMIS Student:

- Participated in and co-chaired the Design Teams that analyzed the current state of student operations, to prepare for a student system implementation.

Data Warehouse (Institutional Research, Registrar, many others):

- Acquired the Brio software tools to enhance and expand query and reporting capabilities from the Data Warehouse for users across UNM.
- Initiated two working committees to establish data definitions for campus-wide use, and to identify and deploy the most needed "canned" reports to the UNM community.

Bursar:

- Bills can now be reprinted on request locally in the Bursar's Office, rather than at CIRT. Bills sent to campus addresses are separated out, saving postage.
- The report of Delinquent Accounts has been enhanced for the Branches (adding phone and address), so that Branch staff can work to collect on these accounts.

Purchasing:

- With EMIS Finance Design Team, enhanced P-card (Procurement card) processing to allow travelers to pay airfare by P-card, and to improve reconciliation for trip invoices.

Graduate Studies:

- Automated the calculation of graduate-student GPAs (grade point averages).

Contracts and Grants Accounting:

- Improved system reliability by converting the database from MS-Access to Oracle.

4.2 Client Support and Infrastructure Software Projects

Pods/Classrooms Upgrades:

As CIRT anxiously awaits the re-opening of Lobo Lab and the completion of the SUB re-model, it continues to upgrade its hardware and software in order to provide quality customer service to its clients. This past fiscal year, CIRT upgraded several PCs, printers, scanners and projectors in its pods and computer classrooms. Of the one hundred and twenty new PCs purchased for the pods, sixty-one went to the ESC Pod to support the two computer classrooms and pod area. Twelve went to the Economic computer classroom and nineteen went to the Communication & Journalism computer classroom. The remaining twenty-eight PCs went to support the CIRT Pod/Training Center. In addition to the new PCs, three new laser printers went to support the Dane Smith Hall PC & Mac computer classrooms and pod area. Nine new HP scanners went to support our pod Mac and PC platforms. Two new projectors went to support our ESC Pod computer classrooms, and eighteen new Dell PCs went to replace the visualization lab SGI workstations at the ESC and CIRT Pods.

Several UNM Departments were the recipients of the replaced hardware through CIRTs hardware redistribution program. These recipients received the older PCs, printers and scanners relocated from our computing

facilities. The Departments were Zimmerman Library, Contract Archeology, College of Fine Arts, Chemical Nuclear Engineering and Minority Engineering. The success of CIRT's hardware redistribution program enables these UNM Departments to upgrade their existing hardware and remain technologically current.

Also, at the request of the Communication & Journalism Department, the Johnson Center pod/computer classroom received a variety of new audio/visual equipment to support video editing and digital media for their students.

CIRT's pods and computer classrooms also received several pod enhancements consisting of new chairs, installation of new HVAC units, new carpet and new coats of paint.

As always, this past fiscal year the CIRT Pods supported the following UNM Department affiliated seminars and conferences: National Science Foundation Internet Training, Utilizing Resources to Build Nursing Knowledge, EPOS-ITEL System Training and AP-New Mexico.

Portal Project:

CIRT staff worked along with staff from Interactive Business Solutions to implement UNM's first, rudimentary web portal. The work involved implementing the open source uPortal, developed by the JA-SIG consortium of over 200 universities. The uPortal was intergrated with the UNM consolidated LDAP directory and Oracle database. Portal services ("channels") were added to the framework, and included:

- Weather reports for the main and branch campuses
- Various news services including Inside UNM news
- Links to frequently used UNM services and information
- A link to web mail
- A storage place for personal bookmarks
- A 'briefcase" repository for files that can be shared
- UNM white pages search
- UNM web pages search

The portal quietly went live in early December, 2001. This was the culmination of the recommendation of the UNM-wide portal committee, who evaluated different portal solutions and recommended that UNM implement the uPortal. The portal has had steady use of between 100 and 200 people since then. Work is expected to continue on the portal, including an upgrade to the newest release of uPortal and, as resources are available, the addition of services.

Enterprise Directories Project:

- Much work has been accomplished in moving toward a single directory for authentication of online services. CIRT's stated direction is to use LDAP (light directory access protocol), as is the direction of most universities and many other organizations. LDAP is the Internet standard for directories.

Software and Services

- LDAP is being moved into several areas for authentication purposes. It is currently used to authenticate Peregrine (problem management system), Pine email, Corporate Time(calendar service), and the basic user "lookup" command. Other uses are being added, including a move toward all user authentication based on a common directory system.
- Other new services offered this year include the UNM portal and cold fusion servers.

Progress on LDAP this year includes:

- Additional attributes. For the directory to be of use to a wider audience, additional information must be present in LDAP. These needed attributes were added to LDAP, and some of these are now being populated by the legacy systems (e.g. the Student system and the Human Resource system).

White Pages:

- LDAP is now used for the online directory "white pages", and the former online directory, CSO, is being phased out.

Security:

- The LDAP server now has a security certificate and uses ssl.
- Work continues on this project, both in the legacy systems, where work on a consolidated person area is in progress, and on the LDAP server, where the data is being refined and business decisions are being made about what information is fed to LDAP. This project will be ongoing for several years.

4.3 Hardware and Infrastructure Projects

- Initial efforts to begin consolidating system services include removing several aging IBM AIX sytems previously used at the Engineering and Science computer pod. These were replaced by new IBM x330 Redhat Linux servers located at CIRT. Of the 10 new IBM x330 Linux servers, two are used as load balanced web servers, 4 as email servers (including imap, webmail, silky mail, imsp), 1 as dhcp system, 1 as a problem management system, 1 as a news server, and 1 compute server.
- New purchases include an additional 400G of NAS storage, necessary for planned growth in storage. The NAS is a Network Appliance F840 file server with approximately 2 Terabytes of storage, contains all UNM NetID user accounts, all email, many applications, and all oracle databases. CIRT has also implemented a SAN storage, of 2 Terabytes, whose usage is split between the OS 390 system and the distributed (unix) systems. The distributed systems currently use this storage for News, LDAP, and Corporate Time calendar services.

- CIRT purchased 19 new systems to upgrade the visualization lab at the Engineering and Science computer pod (plus 1 system at the 24 hour CIRT pod). These 2Ghz systems with 1G of memory each, will run the Alias Wavefront Maya software, and be used for classes in graphics design.
- A new WebCT (online teaching) system was purchased and is being put in place for the fall 2002 semester. Two new IBM P660/6H1 servers were added to the Oracle database environment. One is used to access the primary database server system (most administrative Oracle databases) and the second used as the Oracle application server.

Email:

- The very stable UNM email "cluster" consists of 4 IBM x330 systems running Redhat Linux OS v. 7.2, which consolidates imap, imsp, silkymail and webmail (and unsupported pop users) onto all four, load balanced, servers. Significantly, we scan all delivered email with the most current virus signatures and quarantine any infected email. In extreme cases, where no signature exists, we also scan user email directories for virus content.

Web and E-Mail Statistics of Interest

- The following are two different web statistics: The first is based on home page accesses; this means we count the number of accesses to the initial UNM home page. The second, is total accesses, which includes access counts for all pages in the UNM WWW domain. WWW accesses show an increase to the FY02 average of 109,000 home page accesses per week. The total number of web pages accessed in the UNM WWW domain averages 1,136,000 pages per week. Electronic mail averaged approximately 165,000 messages per day (weekdays) during the semester for FY00. This is a slight increase from 160,000 messages / day in FY01.

4.4 Campus Data Communications Network (CDCN) Projects

Facility Planning Projects:

- Replacement of damaged fibers to Redondo Dorms, Med Building 2;
- The design of New Fiber Zones at ASIC and Popejoy Hall;
- The design of network connectivities to the Welcome Center, SW Biology 3rd floor, and the new SAAP building;
- Network connectivities, installations and connections to the Gigabit Backbone at the new Hibben Hall, the new Bratton Hall, and the SUB;
- The Elks Lodge via T1 connection to UNM's network; the Wildlife Law via T1 reconnection to UNM's network; and,
- Cost estimates for moving Human Resources to a new location.

Department Network upgrades:

- The network was upgraded at Earth & Planetary Sciences;
- Network connectivities were upgraded and moved to the Gigabit Backbone at Carlisle Gym, Fine

Arts, Art & Art History, Onate Hall, Zimmerman Library;

- The HSC Library, Med Bldg 2, UNMMHCC, Nursing & Pharmacy, Speech and Hearing, Vassar, MBS, BRF, Family Practice CMRCC, 1000 Stanford & Surge were moved to Gigabit connections; All terminal services at the UNM Bookstore were removed; and,
- Cost estimates were provided for all Arts & Sciences Buildings, for moving Career Works to Elks Lodge, for establishment of a mini fiber zone hub at UNM Press, and for switched environments for 80 remaining shared buildings on campus.

Network Backbone Upgrades and Maintenance:

- The redesign and upgrade of headend routers, and WAN routers;
- The upgrade of Internet 1 connection to 45Mbps;
- The implementation of the Firewall Project at the headend, VoIP project, Virtural Firewall Pilot project, SSH on Core Backbone devices, Extreme Networks Epicenter monitoring of all switched devices, the upcoming IP/TV pilot project;
- The installation of the Intrusion Detection System at the headend and the Packet Shaper; and, the establishment and design of a new fiber zone hub at ASIC.

New Technologies:

- Selection of a wireless vendor for the campus;
- Testing site to site VPN, testing 802.11b and 802.11 to a wireless access; and,
- Testing installation of Taps to insert Sniffer probes on the Gigabit Backbone.

4.5 Summary Security Incidents

Summary:

Security incidents again rose in Fiscal Year 2001-2002, following the trend of the last six years. With the exception of copyright violations, individual break-ins and other Acceptable Computing Use Policy (ACUP) violations decreased again in Fiscal Year 2001-2002. Conversely, Internet worms, e-mail virii, and Denial of Service (DOS) attacks rose sharply again, not only in number, but also in complexity.

Account Abuses:

Account abuses again decreased in Fiscal Year 2001-2002. While several bona fide account abuses were reported, the increasingly pernicious behavior of Internet e-mail virii caused a large increase in abuse reports from entities external to UNM.

Copyright violation is the singular exception to this trend. With the advent of easily downloadable Peer to Peer (P2P) file sharing products first popularized by Napster copyright violation instances are increasing by several orders of magnitude.

Several factors contribute to the increase in copyright violations. Fiscal year 2001-2002 saw an increase in the number of UNM computing clients utilizing P2P software products to deliberately share copyright protected materials. As the legal and technological issues of copyright change, CIRTs client education changes, and this is curbing the number of actual copyright violations despite changes in the technology available for file sharing.

The greatest number of copyright violation complaints originated from servers and workstations that were compromised and then utilized remotely as FTP servers for distributing copyright protected material.

Commercial copyright protection tracking software has evolved to address the unique nature of P2P copyright violations. CIRT saw the majority of copyright violation complaints come from this tracking software, as did many other higher education institutions. Many hours of isolating Windows computers on UNMs network, communicating with clients regarding the technical and legal issues associated with the complaints and compromises, as well as communicating with the copyright complaints, were expended as part of the P2P / copyright incidents in Fiscal Year 2001-2002.

Systems and Account Break-Ins

Many of the previously mentioned copyright violation complaints were the direct result of exploits to the Windows Operating Systems (OS) on campus. The majority of computers compromised in Fiscal Year 2001-2002 ran the Windows OS and did not have appropriate security patches applied, or did not have passwords for administrative accounts, thus allowing P2P and FTPclient software to be remotely installed and executed. In some cases Denial Of Service software was installed, increasing the severity and consequence of the compromise.

Client account break-ins leveled off; CIRT saw approximately the same number of UNIX account compromises due to weak or seldom changed passwords in Fiscal Year 2001-2002 as in Fiscal Year 2000-2001. The decrease in account break-ins over the last several years can be attributed to several strategic changes to CIRTs UNIX systems.

Systems Abuses:

Because the Windows OS compromises that were exploited to create P2P / FTP servers were a form of systems abuse categorically, as these were scripted generic attacks, they were not considered systems abuses. Internet worms, Unsolicited Bulk E-mail (UBE), e-mail virii, and application vulnerabilities, all contributed more directly to systems abuses.

Fiscal Year 2001-2002 saw the bulk of the clean-up activities focused on the Internet worms, Nimda and Code Red. Procedural changes and client education geared towards prevention strategies mitigated much of these worms potential impact on UNMs network. Several other Internet worms effected UNMs network in Fiscal Year 2001-2002, however, the SQL server worm was the only other major worm to effect the production servers of UNM departments.

Secure Shell (SSH) server and client software has increased the security of UNMs computing model greatly, however, several vulnerabilities in some versions of these packages were announced in Fiscal Year 2001-2002 and there was a moderate educational and clean-up effort to address the SSH vulnerabilities.

UBE, sometimes referred to as SPAM, impacted UNMs network much more heavily in Fiscal Year 2001-2002 than in previous years. Historically, UBE would have effected an entire department at most, although its primary impact would be upon individuals with higher levels of participation in Internet bulletin boards, chat groups, and similar public fora. The increasing sophistication of those who send UBE, in addition to the increasing complexity of the tools which the senders use, contributed to a series of UBE incidents. CIRT made changes to its directory systems to prevent exploits of UNMs open computing environment in response to these new trends and technologies, however, UBE will likely continue to be problematic, as it consumes more network and human resources.

Fiscal Year 2001-2002 saw several other high impact virii incidents, but Klez and Sircam had the broadest impact. Countless CIRT staff hours were consumed updating server side antivirus definitions, assisting UNM clients in updating desktop antivirus definitions (and in disinfecting particularly pernicious virii), and in keeping the UNM computing community informed of the newest virii propagating across the Internet in order to minimize the impact on computing at UNM.

Prevention:

In addition to the many systems and network modifications CIRT has made in Fiscal Year 2001-2002 to prevent or curb malicious computing trends, many of CIRTs most effective efforts are responses to secure computing issues discussed in the UNM computing community. Particularly well attended were the CIRT organized OS security seminars discussed and planned in the UNM Computer Umbrella (UCU) meetings. The UCU dialog provided many positive dialogues in 2001-2002, some of which resulted in projects that will mature in 2002-2003, like the desktop PC firewall project. CIRT has recently acquired a site license for ZoneAlarm desktop firewall software, and this, in conjunction with appropriate application of Windows Automatic Update will hopefully mitigate Windows OS vulnerabilities from interrupting network and computing services in the future.

Conclusion:

The nature of OS and application vulnerabilities has fundamentally changed in the last several years; CIRTs methodology for addressing UNMs security needs has changed correspondingly, and will continue to do so as computing technology changes. It is CIRTs hope that community based discussion and education efforts like those which have proven so fruitful in Fiscal Year 2001-2002 will continue to prosper and assist CIRT in addressing UNMs computing needs at a technological level, and more importantly, at a human level.

4.6 CIRT Support Center

The Support Center is committed to providing leadership in technical support for UNM.

Support Center Activity for 2001-2002

	Calls from off Campus during business hours	Calls from on Campus during business hours	Total Calls during business hours	Voicemail	Outgoing calls made from SC to Clients	Total Calls	Email Totals	Walk-Ins*	Total Contacts	Support center WEB Hits
July^	1905	815	2720	109	335	3164	115	633	3912	1312*
Aug	2801	1328	4129	165	857	5151	125	1030	6306	2524*
Sep	2548	1236	3784	151	802	4737	131	947	5816	1311*
Oct	2451	1205	3656	146	739	4541	123	908	5572	1275*
Nov	2190	955	3145	126	736	4007	93	801	4901	1214*
Dec	1413	722	2135	85	543	2763	217	553	3533	1104*
Jan	2543	1036	3579	143	553	4275	140	855	5270	908
Feb	1996	871	2867	115	476	3458	125	692	4274	1545
Mar	1868	886	2754	110	524	3388	116	678	4182	1340
Apr	1834	883	2717	109	810	3636	118	727	4481	1411
May	1718	866	2584	103	888	3575	130	715	4420	1617
Jun	1527	684	2211	88	721	3020	138	604	3763	1213
	24794	**11487**	**36281**	**1451**	**7984**	**45716**	**1571**	**9143**	**56430**	**16774**

*Data estimated based on historical information and data available from comparable months.

^July call values estimated on due to incomplete call data.

5.0 CIRT PROFESSIONAL DEVELOPMENT

CONFERENCES

Gateway Technology Solutions Conference
Chicago, Ill
Mark Harty

DEFCON Conferrence
Las Vegas, NV
Jeff Gassaway

SIGUCCS "2001 Conference"
Portland, OR
Mark Harty, Catherine Luther

Networkers 2001 Conference & Power Session
Chicago, Ill
Paul Chang

20th Annual CHECS Conference
Roswell, NM
John Sobolewski, William Adkins, Pamela Mirabal, David Moomey, David Hyatt

EDUCAUSE 2001 Conference
Indianapolis, IN
John Sobolewski, David McQuire, William Adkins, William Talbott

WebCT Almost Heaven III Conference
Charleston, WV
Martha Talbott

CAUCUS Future Pitfalls in Technology Licensing Conference
Denver, CO
Martha Talbott

ODTUG 2001 Oracle Conference
San Diego, CA
Michael Robertson, Jean Russell

SFA "2001 Software Development Conference"
Washington, DC
Barbara Nolan

EDI in Education Conference
Tampa, FL
Meredith Swanson, Shawnee Pace

XPLOR 2001 Conference
Orlando, FL
Yvette Fournier

Microsoft "DevDays-2001 Conference"
Albuquerque, NM
Gilbert Duncan, Rebecca Harris, Richard Valdez

2001 Electronic Access Conference
Reno, NV
Barbara Nolan, Andres Gutierrez

Oracle iDS Forms Conference
Costa Mesa, CA
Jeffrey O'Keefe

Oracle Openworld 2001 Conference
San Francisco, CA
Randall Whelan, Starlyn Brown

SFA Spring 2002 "Quality Assurance & Experimental Sites Conference
Baltimore, MD
Barbara Nolan, Lorraine Tafoya, Raymond Baca

EDUCAUSE "Cumrec 2002 Technology Conference
Minneapolis, MN
Carolyn Brislen

IBM "Storage & Storage Networking Symposium"
Las Vegas, NV
Charles McQuade

AFCOM "Fall 2001 Conference & I.S. Expo"
Orlando, Fl
John Alfaro, John Sandoval

IUA "SPACE Odyssey Workshop"
St. Louis, MO
Bruce Fraser

Computer on Campus Conference
Myrtle Beach, SC
Louis Sullo

Gartner's 20th Annual Data Center Conference
Las Vegas, NV
Louis Sullo

Disaster Recovery Journal 26th Spring World Conference
San Diego, CA
Louis Sullo

CONFERENCES (continued)

Concord Educational Conference "EHealth Software"
Santa Ana, CA
John Romero

AFCOM "Spring 2002 Conference & I.S. Expo"
Las Vegas, NV
Veda Goslar, Chris Martinez, Sandra Jones

Computer Associates "CA World Spring 2002" Conference
Orlando, FL
Penny Giller, Theresa Chavez-Villareal

"On the Road to Internet2"
Boston, MA
Louis Sullo

Gartner's Planet Storage 2002 Conference
Las Vegas, NV
Louis Sullo

CLASSES/WORKSHOPS/SEMINARS

Peregrine's "Service Center Introduction" Workshop
Dallas, TX
Stephen Spence, Ivan Boyd, Matthew Carter, Anthony Waldron

Peregrine's "Service Center Tailoring" Workshop
San Diego, CA
Kingsavanh Bounkeua, Ivan Boyd, Stephen Spence, Yvette Fournier, Charles Tibbetts, Anthony Waldron

Peregrine's "Support Center Introduction" Workshop
San Diego, CA
Yvette Fournier, Dianne Byrd

Peregrine's "Get It Introduction Workshop"
San Diego. CA
Matthew Carter

Peregrine's "Service Center 4.X Rapid Application Development
San Diego, CA
Stephen Spence

CLASSES/WORKSHOPS/SEMINARS (con't)

Peregrine's "Service Center Change Management" Workshop
Orlando, FL
Stephen Spence, Yvette Fournier

Academic Computing Seminars
Snowmass, CO
John Sobolewski, William Adkins

Oracle's "Full TCC Oracle Form Developer's Workshop
San Diego, CA
Michael Robertson

IUA SPACE Odyssey Workshop
St. Louis, MO
Raymond Baca

"Successful SCT Banner Implementation"
Detroit, MI
Carolyn Brislen, Randall Whelan, David McQuire, David Northrop, Starlyn Brown

MEETINGS

Spring Planning Meeting of CHECS
Socorro, NM
William Adkins, Pamela Mirabal

NM State Architectural Standards Committee
Santa Fe, NM
Linda Miller

State Computer Architecture Committee
Santa Fe, NM
John Sobolewski

CHECS Meeting
Ruidoso, NM
John Sobolewski, William Adkins, Pamela Mirabal

Computer Associates Executive Briefing
Phoenix, AZ
John Sobolewski

State Architectural Standards IT Committee
Santa Fe, NM
John Sobolewski

MEETINGS (continued)

MAGNET Meeting
Santa Fe, NM
John Sobolewski

State IT Standards Committee
Santa Fe, NM
John Sobolewski

National Learning Infrastructure Initiative Annual Meeting
San Diego, CA
Art St. George

Gallup Branch Networking Discussion
Gallup, NM
Louis Sullo

Meeting with Ram Das and Computer Staff
Gallup, NM
Louis Sullo

Building Dedication Ceremonies
Gallup, NM
Louis Sullo

CISCO Systems Headquarters
San Jose, CA
Louis Sullo, Louella Romero Phillips

Extreme Networks Headquarters
San Jose, CA
Louis Sullo, Louella Romero Phillips

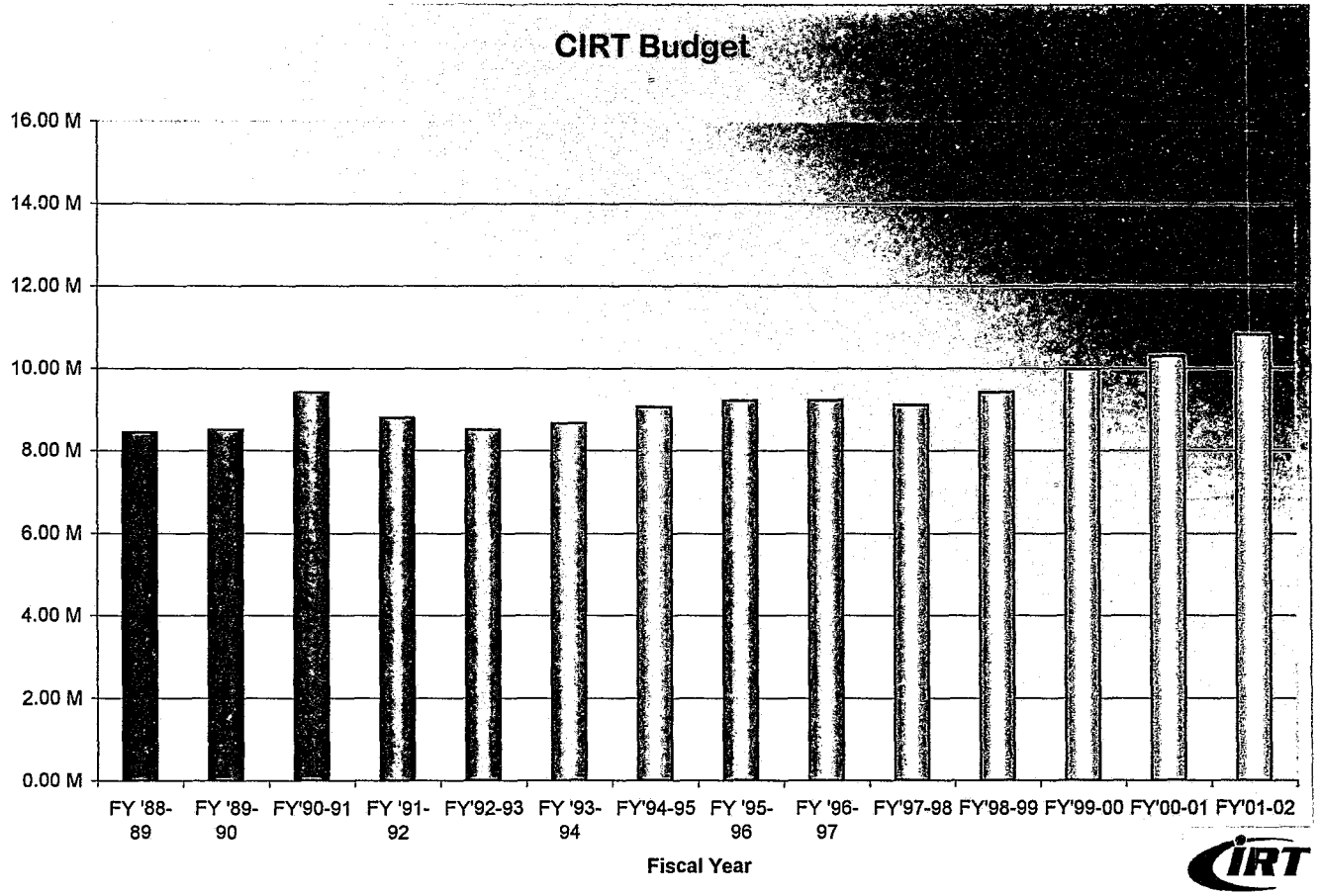
RFP Review Meetings
Santa Fe, NM
Louis Sullo

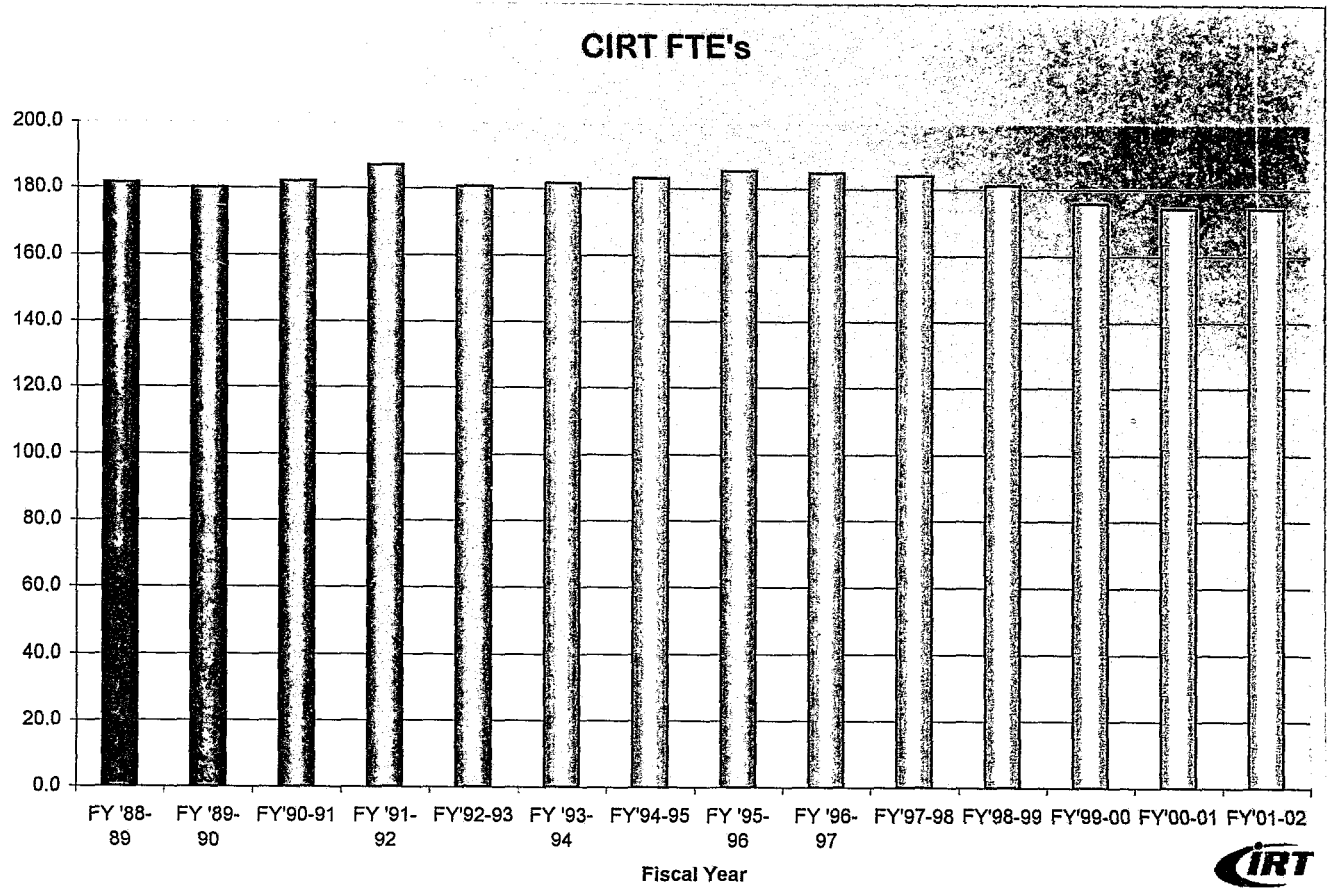
6.0 Statistical Review of CIRT Provided Services

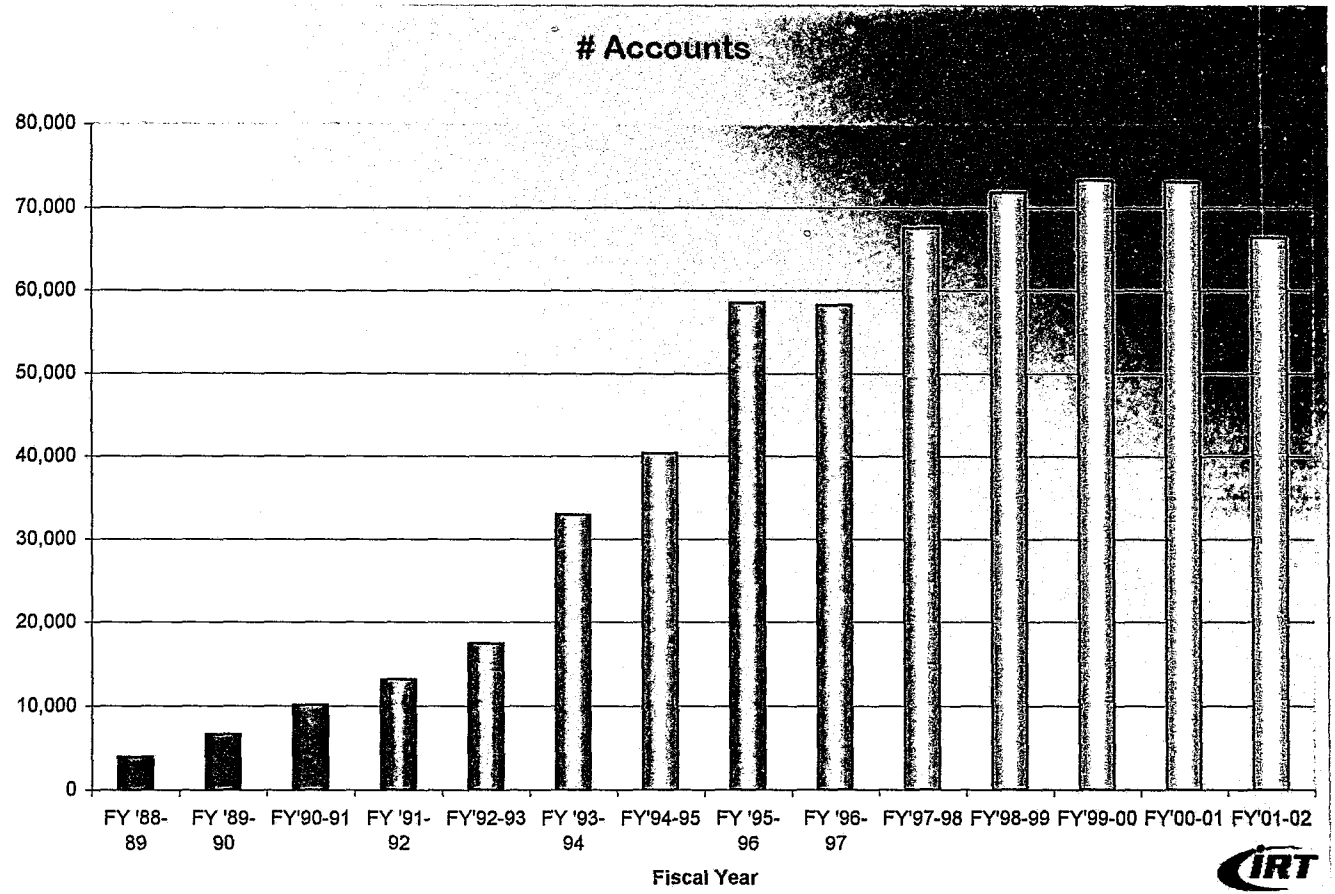
The following statistics summarize key services provided by CIRT. The following tables summarize the changes over the past 11 years and clearly illustrate the growth in computing services, despite no increases in staff and only token increases in total budget. As such, it provides a measure of the efficiency and effectiveness of CIRT.

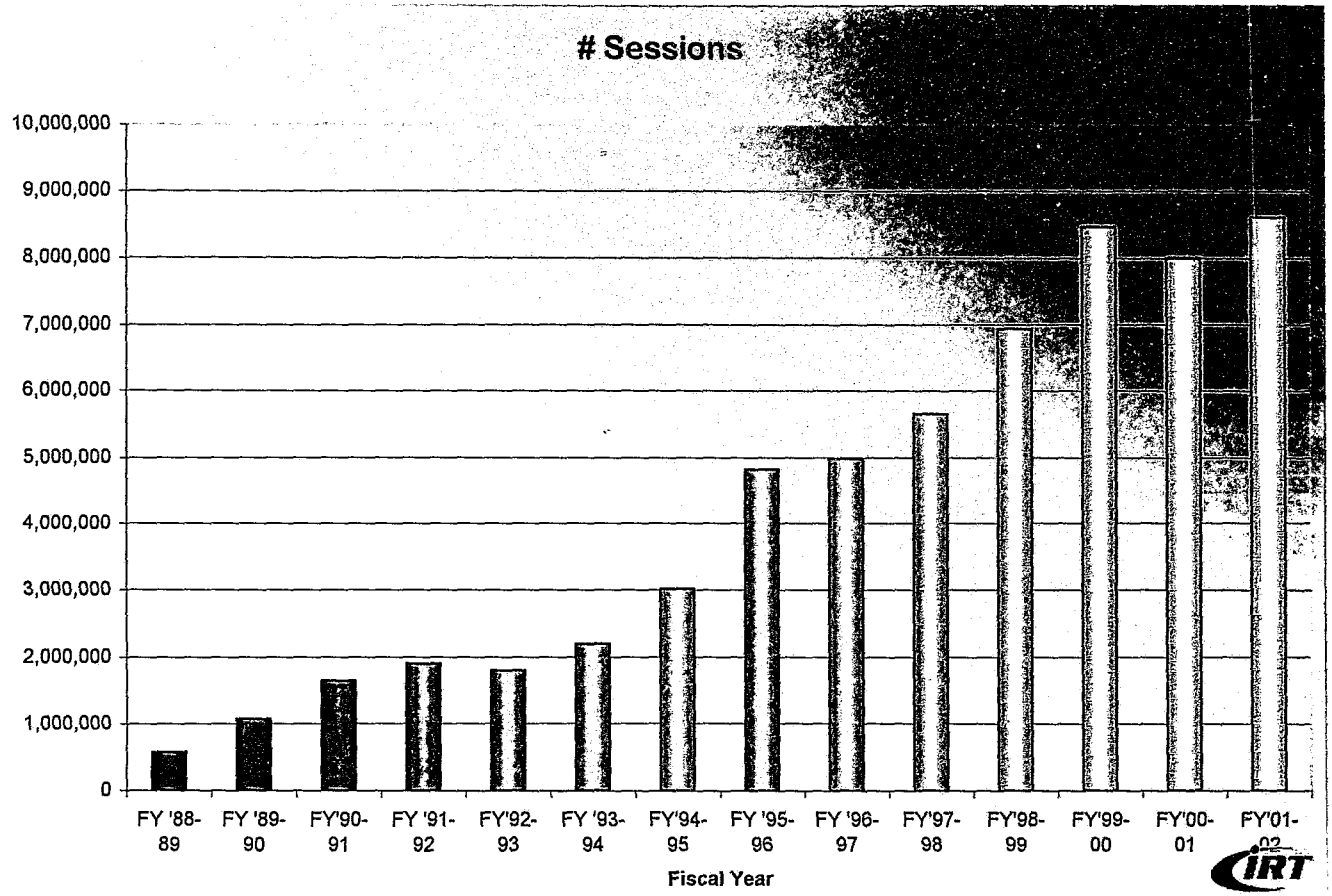
1988-1989 to 2000-2001 Fiscal Year Change

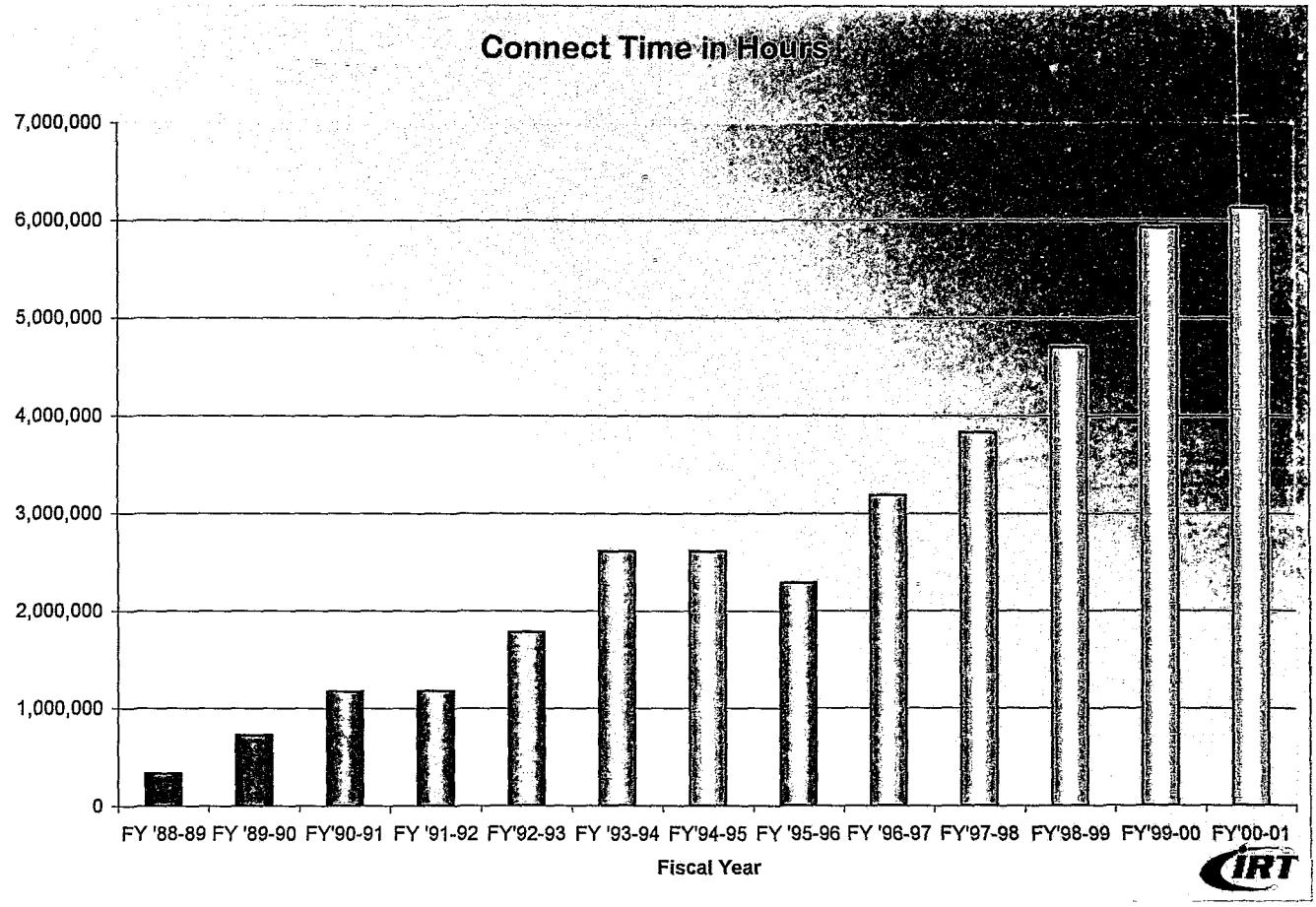
	FY '88-89	FY '89-90	FY'90-91	FY '91-92	FY'92-93	FY '93-94	FY'94-95	FY '95-96	FY '96-97	FY'97-98	FY'98-99	FY'99-00	FY'00-01	FY'01-02
Budget	8.43 M	8.50 M	9.41 M	8.79 M	8.50 M	8.66 M	9.05 M	9.20 M	9.22 M	9.10 M	9.41 M	9.98 M	10.30 M	10.82 M
Full-time FTE's	162.0	161.0	163.0	154.2	154.2	154.2	154.2	155.7	155.7	155.4	151.5	146.9	145.2	145.2
FTE's	181.4	180.0	182.0	187.0	180.6	181.6	183.2	185.3	184.8	184.1	181.2	175.7	174.4	174.3
# Accounts	3,933	6,625	10,072	13,120	17,425	32,955	40,326	58,509	58,201	67,544	71,907	73,322	73,078	66,366
# Sessions	567,754	1,068,697	1,644,448	1,900,647	1,800,123	2,201,300	3,013,235	4,818,319	4,978,951	5,650,893	6,934,902	8,456,901	7,998,577	8,603,532
Connect Time in Hours	335,924	727,740	1,170,498	1,173,567	1,779,979	2,610,629	2,610,629	2,290,415	3,190,297	3,831,168	4,701,695	5,923,112	6,130,950	7,068,258
Normalized CPU Hours	113,824	194,928	289,677	459,702	1,109,968	1,606,830	6,380,037	7,191,537	7,116,482	8,461,929	16,808,605	21,997,234	22,054,147	26,088,092
Disk Space (GB/Day)	48	46	48	58	72	80	118	212	350	456	645	879	1520	1713
Mail Message/Day	300	405	2,500	7,000	11,000	23,500	32,000	48,500	70,000	140,000	160,000	160,000	165,000	165,000
WWW Hits/Day	0	0	0	0	0	150	2,300	39,700	70,000	82,000	122,000	138,400	147,375	162,286
Network Connections	700	1,274	1,975	2,578	3,403	6,526	8,065	11,808	12,700	15000	17,213	19,248	20,428	19,050

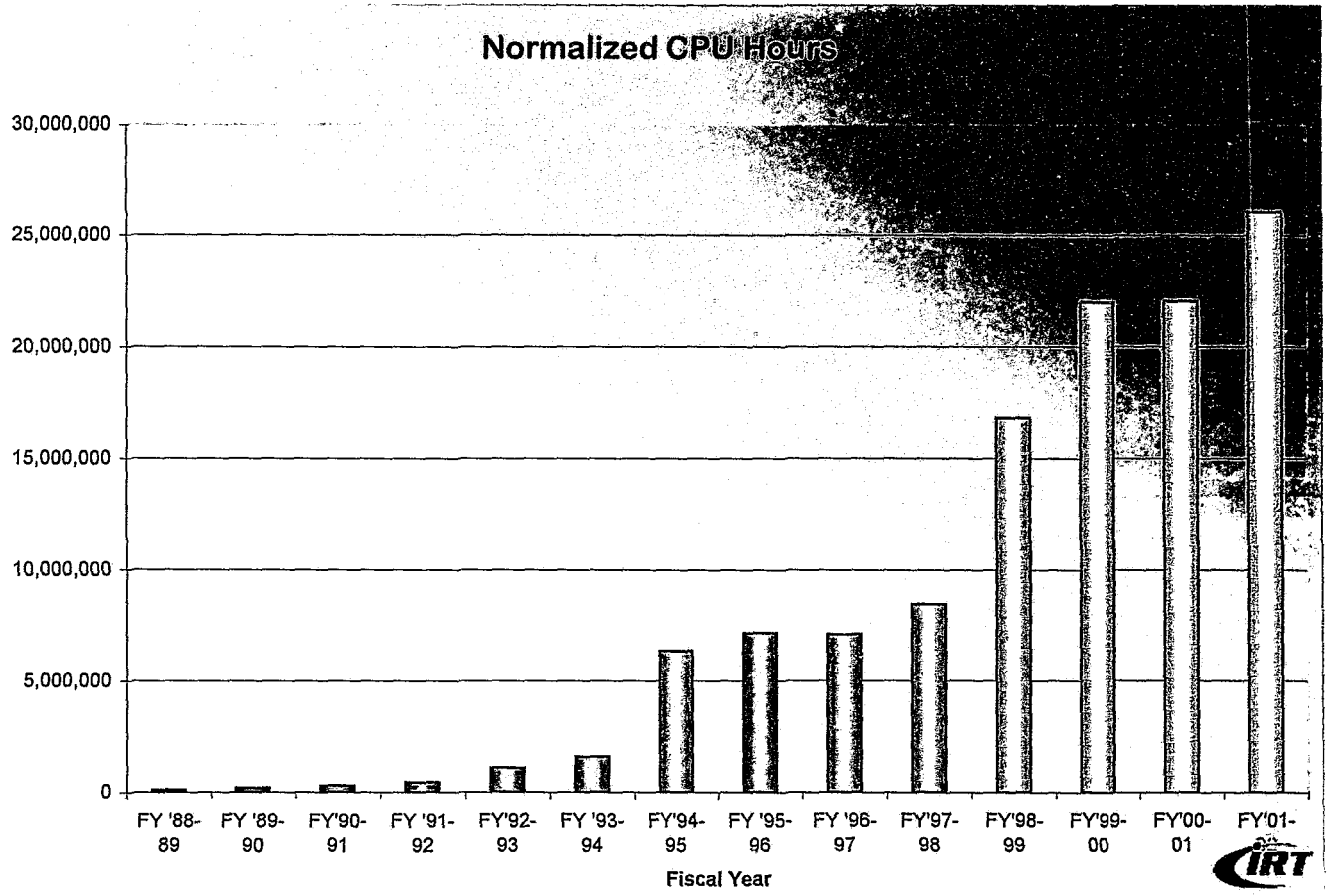

CIRT Budget
16.00 M
14.00 M
12.00 M
10.00 M
8.00 M
6.00 M
4.00 M
2.00 M
0.00 M
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
CIRT

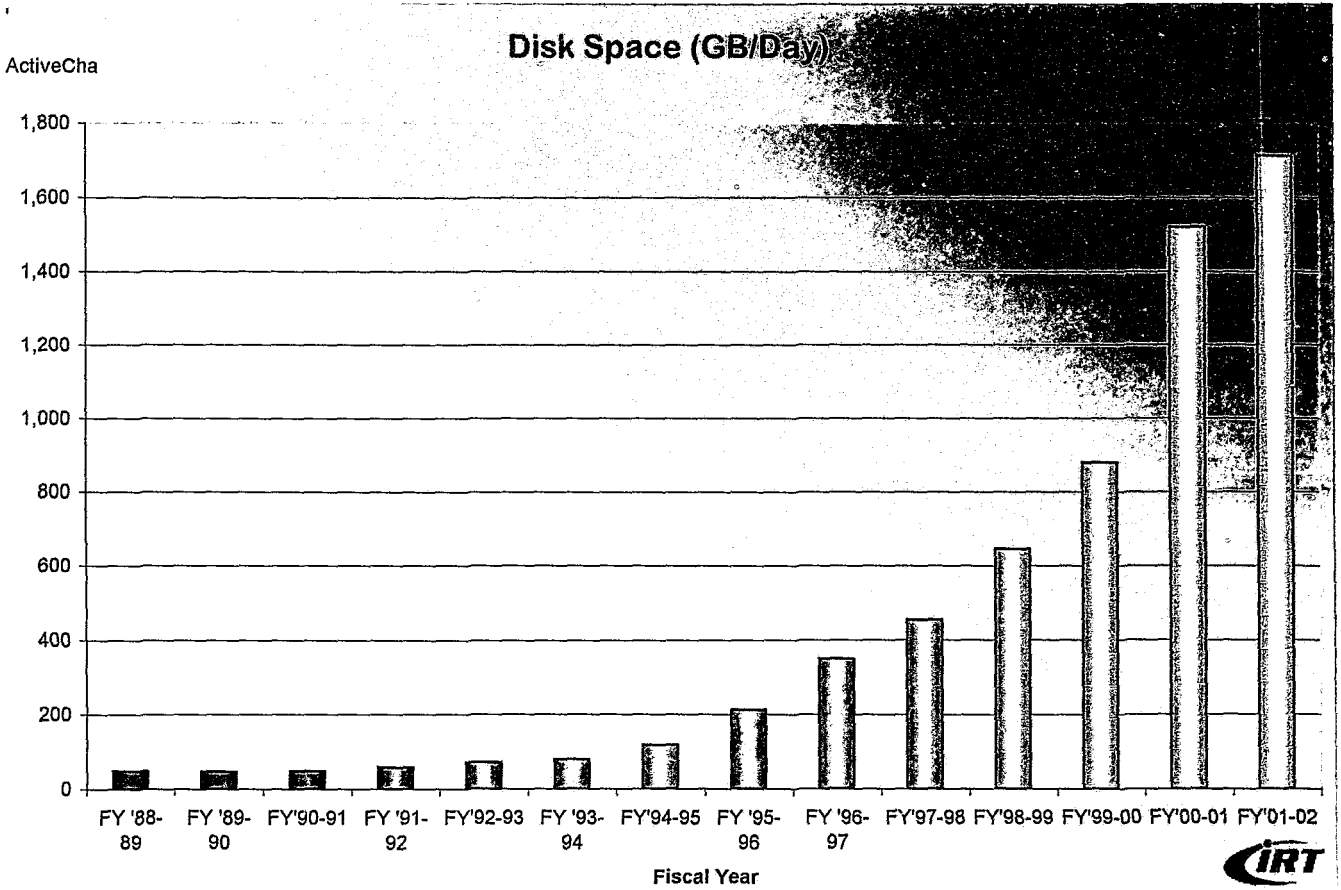

CIRT FTE's
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
CIRT

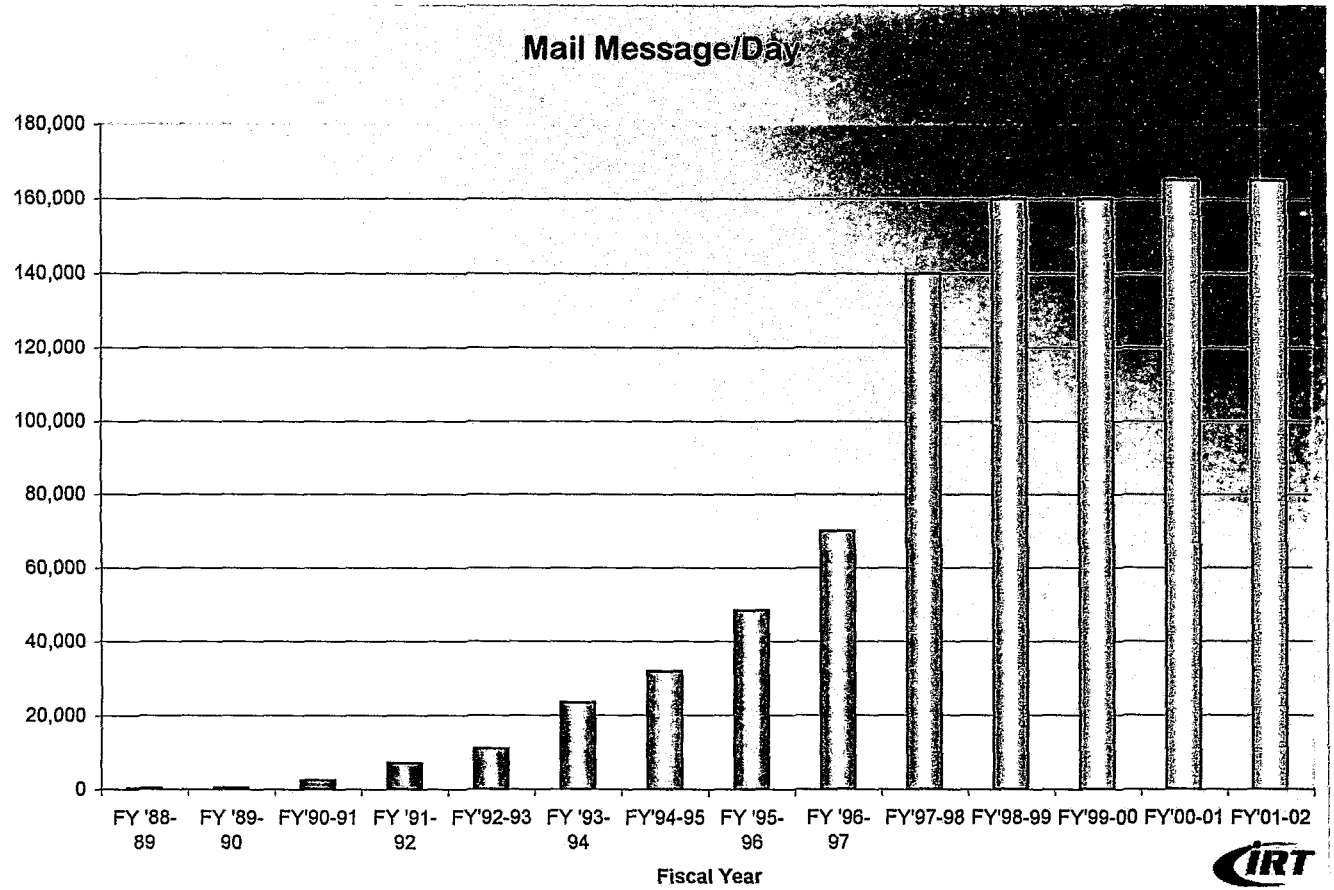

Accounts
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
IRT

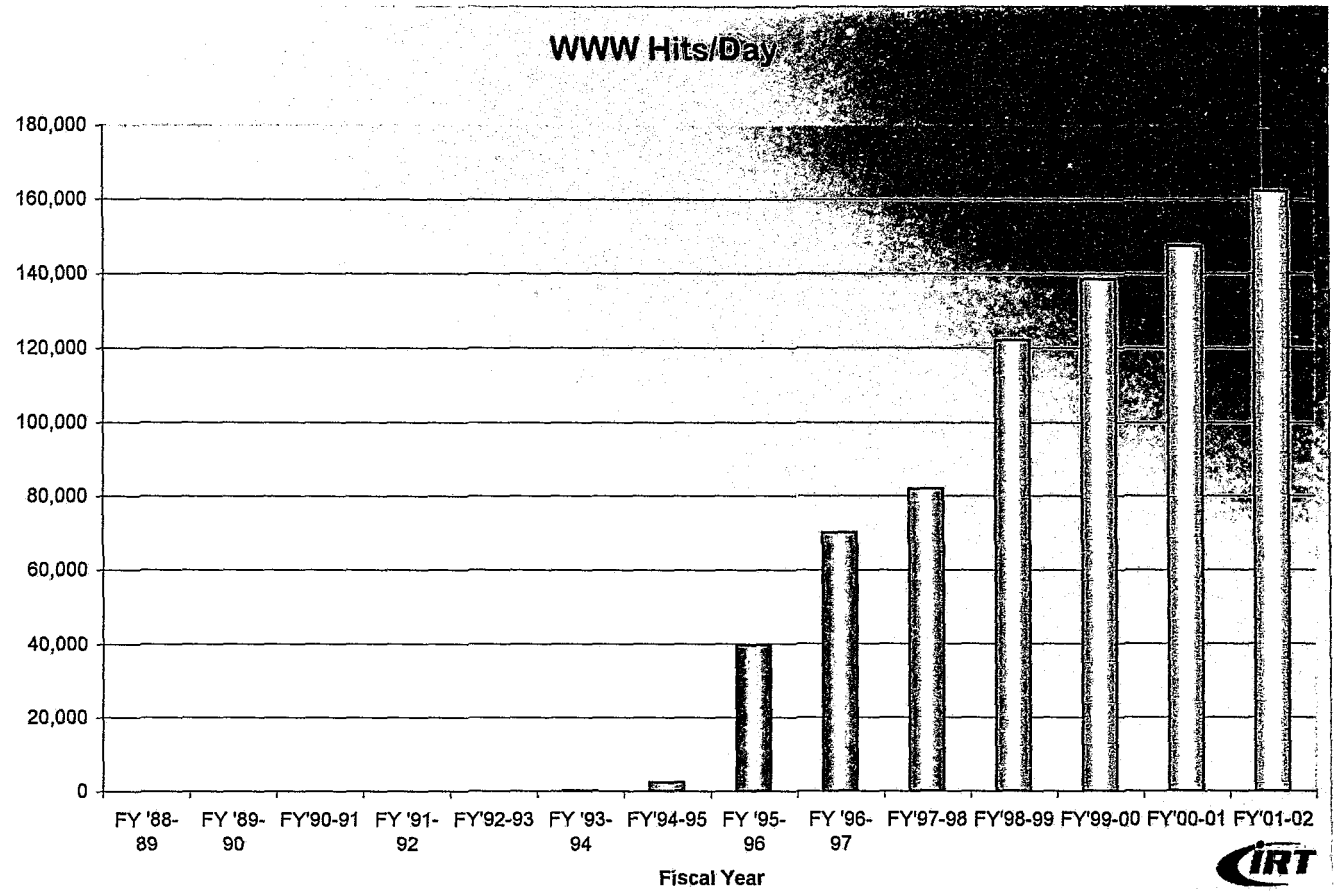

Sessions
10,000,000
9,000,000
8,000,000
7,000,000
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
IRT

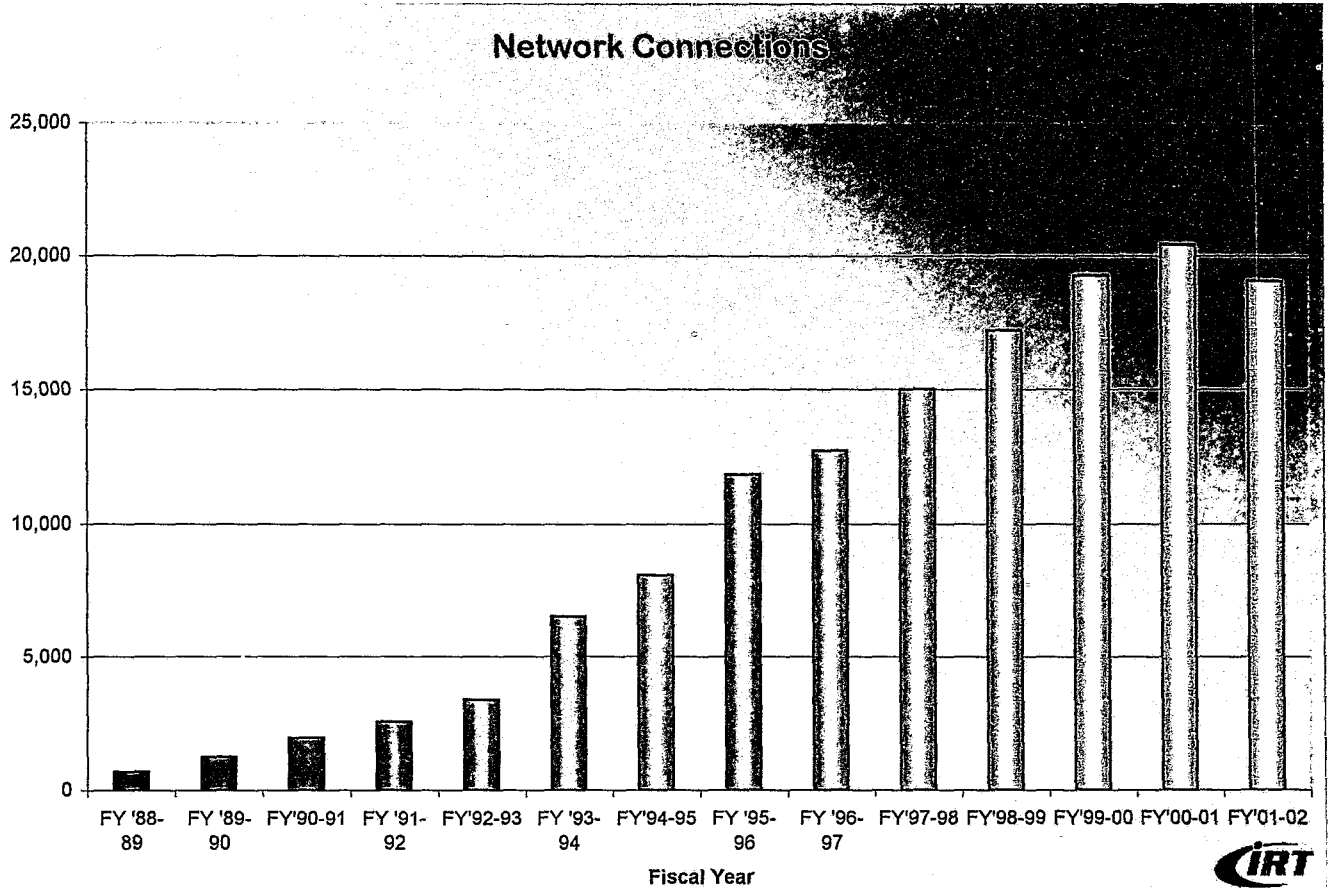

Connect Time in Hours
7,000,000
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
Fiscal Year
IRT


Normalized CPU Hours
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-
Fiscal Year
IRT


Disk Space (GB/Day)
ActiveCha
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
IRT


Mail Message/Day
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
IRT


WWW Hits/Day
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
IRT


Network Connections
25,000
20,000
15,000
10,000
5,000
0
FY '88-89
FY '89-90
FY'90-91
FY '91-92
FY'92-93
FY '93-94
FY'94-95
FY '95-96
FY '96-97
FY'97-98
FY'98-99
FY'99-00
FY'00-01
FY'01-02
Fiscal Year
IRT

7.0 NEW STAFF AND SEPARATIONS

New Staff

Jaime Laigo Network Technician	5/6/02
Bevin Moon-Network Analyst	5/8/02
Gil Duncan Analyst Programmer III	10/08/01
Arnold Woods Analyst Programmer III	4/22/02
Chris Landgraf Network Engineer	3/1/02
Robert Goodwin Courier	3/4/02
Paul Perea Systems Analyst III	4/16/02
Gregory Brown Computer Operator	4/18/02

Separations

Shawnee Pace Analyst Programmer II	6/14/02
Judi Hoy Analyst Programmer III	7/31/01
James Iden Associate Director	1/02/02
Jan Diewald Manager Applications Programming	1/01/02
John Sobolewski Associate Vice President, IT	2/28/02
Cynthia Leon Systems Analyst III	2/02/02
Carolyn Brislen Manager Applications Programming	4/30/02

College of Education Annual Report
Academic Year 2001/2001

Viola E. Florez, Dean

Significant Developments AY 2001/2002

The tenure-track faculty in the College of Education achieved the following as part of their scholarship work:

- 11 Books (1 books in press)
- 42 Book chapters (2 in press)
- 115 Refereed articles (27 in press)
- 22 Non-refereed articles
- 13 Monographs
- 125 presentations at professional conferences

Their professional service included:

- Service on 16 editorial boards
- Service on 16 boards of directors
- Service on 19 national advisory boards
- Chairs of 13 national professional organization standing committees
- Service on 26 national professional organization committees
- Institutional representatives to 7 national professional organizations
- Service on 21 local, state, community boards/committees
- Appointment to a State Board of Examiners

Faculty also served on 45 university committees; 99 college committees/task forces; and service on 28 community organizations.

Teaching work yielded an average ICES rating of 5.6 for instructors.

Faculty awards and honors:

- Dr. Patsy Boverie received the Community Service Award from the New Mexico Chapter of the American Society for Training and Development.
- Dr. Joy Griffin, U.S. Olympic Committee Registry.
- Dr. Lani Gunawardena received the UNM General Library Faculty Recognition Award.
- Dr. William Kane, Certificate of Appreciation, American Association for Health Education.
- Dr. Gloria Napper-Owen, Award Recipient for the Southwest District of the American Alliance for Health, Physical Education, Recreation, and Dance.
- Dr. Betsy Noll received the first Harvey Foundation Graduate Faculty Mentor award from the Office of Graduate Studies.
- Chris Sims was recognized with the Ramon Santiago President's Award at the National Association for Bilingual Education conference for her work in language revitalization.

Other noteworthy significant achievements:

- In order to properly align degree granting programs to departments, the College reorganized into academic department units, as well as transferring academic programs to more-appropriate departments. The Health Education program left the Department of Individual, Family & Community Education and moved to the Department of Physical Performance & Development,

where the Physical Education, Recreation undergraduate and undergraduate programs are housed, as well as the doctoral Health, Physical Education, and Recreation concentration. The Early Childhood Multicultural Education program joined the Department of Individual, Family & Community Education (formerly housed in Educational Specialties). This move will facilitate work with the faculty in Family Studies and Nutrition programs.

- Following discussions to restructure centers in the College, the Multicultural Education Center and the Office of Latin American Programs in Education were merged to become the Multicultural Bilingual Education Center.
- Along with those discussions and reorganization, the Professional Development Collaborative became the Institute for Professional Development. A major goal realized has been the offering of professional development credit courses, an increase of 17 to 42 offered to various school districts.
- The campaign for the COE's first-ever endowed professorship (Chester C. Travelstead) is at or near the $100,000 mark in funds raised and/or pledged. Alumni have responded in great numbers to the appeal, and several influential community leaders have stepped forward with important gifts and pledges in the $5,000 to $10,000 level.
- Art Education faculty sponsored *Creative Response to Tragedy*, a two-week open studio for students and community to respond to 9/11/2001.
- The focus of the Center for Teacher Education & Educational Policy is now on working with the New Mexico Legislature, the State Board of Education, the Commission on Higher Education, and other business and community organizations interested in teacher quality and education reform. This is critical work because the passage of the federal No Child Left Behind Act, and the educational policies developed and implemented at the state level have a powerful effect on the existence of the College of Education.). This sweeping federal legislation has major implications for colleges of education and the Center's work has helped UNM respond in a positive and constructive manner. This includes work with New Mexico First and its implementation team for education reform; the Albuquerque Business Education Compact, the New Mexico Business Roundtable for Educational Excellence, the Legislative Finance Committee, the Legislative Educational Study Committee, and the Economic Forum; nationally, with National Commission on Teaching and America's Future; the Southeast Center for Teacher Quality; the Holmes Partnership, and the National Reading Conference.
- The track record for the COE Development Office (NOT including annual and major giving from individuals) since its inception in January of 2000 exceeded $4.3 million, including more than $2 million in COE-specific corporate and foundation initiatives and a major contributing role in the statewide, multi-year, $2.3 million Kellogg "ENLACE" grant.
- Early Childhood Multicultural Education faculty worked with the Institute for Professional Development to offer a Full-Day Kindergarten Institute, a professional development program funded in part by Wells Fargo and the McCune Foundation.
- The Educational Leadership program graduates in their internship programs are placed in administrative positions at a rate of approximately 81% upon program completion, and retained in administrative positions at a rate of 70%, which is higher than the national average of 51%.
- The Exercise Science program is one of the first universities in the nation to have a fully accredited undergraduate program in Exercise Physiology by the American Society of Exercise Physiologists.
- Family Studies program faculty obtained certification for bachelor's and master's level students (Certified Family Life Educator) through the National Council on Family Relations.
- The Family Development Program provided over 85 research-based training workshops throughout New Mexico and distributed over 4000 copies of their newest publication *Playing with Ideas*, 5000 copies of their 2001-2002 Family Development Journals, and provided New Mexico families with copies of the Baby Love Book and Toddler Love Book series in both English and Spanish.

- A review of the Health, Physical Education & Recreation graduate degree was conducted by OGS. The external reviewers submitted a very favorable, positive report.
- The Department of Language, Literacy & Sociocultural Studies coordinated the Graduate Student Colloquium for the third year in which graduate students are given the opportunity to present their research among their peers and to prepare for national presentations.
- The OLIT (Organizational Learning & Instructional Technologies) faculty completed a successful graduate unit review, being identified by the on-site review team as "...an outstanding program."
- Special Education completed their graduate review for OGS.
- The Sport Administration program has established an advisory board of experts including representatives from New Mexico Activity Association, APS Athletics, and the UNM Athletic Department.
- The Technology & Education Center is working with College academic departments to find efficient ways to update and correct information about undergraduate and graduate programs.
- The Technology & Education Center offered 29 workshops during Fall 2001 and 21 workshops in Spring 2002 for both faculty and staff.
- The Technology & Education Center worked with a faculty committee to review course EDUC 124: Introduction to Computers in Education. Suggestions were used to substantially update and revise the course. Successful pilot testing during Spring and Summer 2002 was successful, and the fully revised form is now being used.

Significant Plans and Recommendations for Near Future

- Art Education faculty will work with faculty in the College of Fine Arts on summer institutes for art teachers.
- Counselor Education program faculty are preparing for the Council for the Accreditation of Counseling and Related Education Programs (CACREP) accreditation report in Spring of 2003.
- The Educational Leadership will undergo curriculum revisions to address needs issues in New Mexico, as well as develop two new emphases in the Ed.D. program (K-12 Education Leadership and Higher Education Leadership).
- The Department of Language, Literacy & Sociocultural Studies will sponsor the Tenth Annual Interamerican Ethnographic and Qualitative Symposium for Research in Education with conference attendees from across the United States and Latin America in October 2002.
- OLIT faculty will revise the undergraduate and master's programs.
- The Department of Physical Performance & Development faculty are working on plans to develop a Master of Science emphasis in Fitness Management.
- The Department of PPD will seek support for resources that will be used to meet recommendations stated in the HPER Graduate Review Report.
- Special Education faculty will continue participation with APS Special Education teachers and administrators on task forces and activities.
- The Technology & Education Center is gearing up to redesign the College website, including implementation of tools to help the College manage information and communications better. New additions will include a search engine, scholarship information database, and a sub-web providing information directly related to the needs of the College's Development Office.

Appointments to Faculty and Staff

Faculty:

- Dr. Jonathan Brinkerhoff, Assistant Professor, Educational Technology, Dept. of Educational Specialties, 8/01.
- Dr. Susan Copeland, Assistant Professor, Special Education, Dept. of Educational Specialties, 8/01.

- Dr. Karen DeMoss, Assistant Professor, Educational Leadership, Dept. of Educational Leadership & Organizational Learning, 8/01.
- Dr. Terri Flowerday, Assistant Professor, Educational Psychology, Dept. of Individual, Family & Community Education, 8/01.
- Deborah Haury, Lecturer III, Partnership Programs, 6/02.
- Dr. Laurel Lampela, Assistant Professor, Art Education, Dept. of Educational Specialties, 8/01.
- Dr. Nancy Pauly, Assistant Professor, Art Education, Dept. of Educational Specialties, 8/01.
- Dr. Loan Phan, Assistant Professor, Counselor Education, Dept. of Individual, Family & Community Education, 8/01.
- Dr. Julia Scherba de Valenzuela, Assistant Professor, Special Education, Dept. of Educational Specialties, 8/01.
- Dr. Susanne Schneider, Assistant Professor, Exercise Science, Dept. of Physical Performance & Development, 1/02.
- Patricia Stall, Lecturer III, Gallup Branch, 8/01.
- Dr. David Wittenburg, Assistant Professor, Curriculum & Instruction, Dept. of Physical Performance & Development, 8/01.

Staff:

- Marsha Baumeister, Administrative Assistant II, Tireman Library, 4/02.
- Carol Catania, Administrative Assistant I, in-College transfer, Dept. of Physical Performance & Development, 2/02.
- Tonya Covington, Administrative Assistant II, Dept. of Educational Specialties, 1/7/02.
- Jason Darensburg, Administrative Assistant III, Technology & Education Center, 2/02.
- Mary Francis, Administrative Assistant II, Center for Teacher Education & Educational Policy, 9/01.
- Marjorie Gale, Administrative Assistant II, Dept. of Physical Performance & Development, 10/01.
- Mary Gurule, Administrative Assistant I, Dept. of Language, Literacy & Sociocultural Studies, 11/01.
- Stephanie Homan, Training & Development Consultant, Technology & Education Center, 1/02.
- Nilde Mollica, Program Manager, Center for Teacher Education & Educational Policy, 9/01.
- Angie Rudy, Accounting Technician, in-College transfer, Dept. of Language, Literacy & Sociocultural Studies, 6/02.
- Gail Rushing, Program Manager, Center for Teacher Education & Educational Policy, 8/01.
- Cynthia Salas, Administrative Assistant I, Dept. of Individual, Family & Community Education, 8/01.
- Janette Sherer, Training & Development Consultant, Technology & Education Center, 1/02.
- Sherrie Schreiber, Administrative Assistant II, Dept. of Educational Specialties, 10/01.

Separations of Faculty and Staff

Faculty:

- Dr. Jaime Grinberg, Associate Professor, Educational Thought & Sociocultural Studies, Dept. of Language, Literacy & Sociocultural Studies, 8/01.
- Dr. Ernie Lange, Associate Professor, Physical Education, Dept. of Physical Performance & Development, retired 2/1/02.
- Dr. Pamela Rossi, Assistant Professor, Reading Education, Dept. of Language, Literacy & Sociocultural Studies, 5/02.
- Dr. Mary Smith, Professor, Family Studies, Dept. of Individual, Family & Community Education, retired 12/31/01.

- Dr. Baji Rankin, Assistant Professor, Early Childhood Multicultural Education, Dept. of Individual, Family & Community Education, completed final year of contract 5/02.
- Dr. Dan Young, Dept. of Language, Literacy & Sociocultural Studies, accepted a new position in University College, 7/02.

Staff:

- Marjorie Gale, Administrative Assistant II, Dept. of Physical Performance & Development, 2/02.
- Lorraine Gallegos, Child Care Worker, Family Development Program, 5/02.
- Mike Herrmann, Administrative Assistant I, Dept. of Language, Literacy & Sociocultural Studies, 10/01.
- Amy Peterson, Program Coordinator, Family Development Program, 3/02.

Publications

A summary of faculty publication work may be found under Significant Developments. Further details are provided in the attached department/center/institute/office reports.

Outside Professional Activities of Staff Members

- The College of Education's Staff Council provided community outreach activities to such agencies as the Roadrunner Food bank and Casa Angelica.
- Annie Rodgers served as Vice President of the Albuquerque Chapter of the International Association of Administrative Professionals.
- Several staff participated in professional development activities, such as taking workshops, attending classes or other outside training.

Outside Sponsored Research

The College of Education's total amount of external funds in contract and grand awards for this period was approximately $14.1 million. Some of the following sources of sponsored funds are: U.S. Department of Education; Intel; NM Department of Education; NM Commission on Higher Education; The City of Albuquerque; Bill & Melinda Gates Foundation; Kellogg ENLACE grant; Hewlett Packard; NCAA; Los Alamos National Laboratories; Department of Health & Human Services; NM Children, Youth & Families Department; Spencer Foundation; as well as partnership funded projects with school districts (such as APS).

Several privately funded projects have provided cutting-edge professional development for educators in a variety of high-need areas – placing the UNM-COE in the forefront of statewide service delivery in teacher and school administrator professional development. Three examples include: (1) the $200,000, two-year Intel "Teach to the Future" initiative, which provided statewide technology curriculum integration training for thousands of New Mexico teachers; (2) the $1 million, three-year "State Challenge Grant for Leadership Development," funded by The Bill & Melinda Gates Foundation, which will provide professional development for approximately 300 school administrators from across New Mexico, in the largest privately funded project of its kind in state history; and (3) the $100,000, two-year "Secondary Schools Literacy Project," funded through a public-private partnership [Wells Fargo Bank, the State of New Mexico/TEAC grant, and Albuquerque Public Schools], which provided intensive professional development in effective literacy strategies aimed at preparing teachers to address the problem of secondary-level students who possess insufficient literacy skills.

Perhaps the pinnacle of the COE's success in corporate relations was winning (in the spring of 2002) the $375,000 HP "High Achieving Schools" project, in a national competition in which only one school/college of education was selected. Under the leadership of COE faculty member (mathematic education) Dr. Richard Kitchen, this two-year project will involve the research and national dissemination

of data concerning nine high achieving (in mathematics) secondary schools from across the U.S. The resulting research will place the UNM-COE on the national stage with respect to an important issue in public education: how some K-12 schools in disadvantaged/low income areas achieve impressive mathematics rankings with their students, essentially defying the odds.

The Office of Research at the University of New Mexico has record of each grant funded into the College of Education if more information is needed. Additionally, please refer to the enclosed reports from the Department Chairs for further details.

The Center for Teacher Education & Educational Policy
College of Education
University of New Mexico

2001-2002 Annual Report

Peter Winograd, Director

The Center for Teacher Education & Educational Policy

2001-2002 Annual Report

I. Introduction

This annual report covers the activities of the Center for Teacher Education from July 1, 2001 to June 30, 2002. The Center for Teacher Education & Educational Policy has undergone some fundamental changes in its responsibilities over the last year. As part of the larger alignment within the College of Education, all licensure programs have been moved out of the Center and into the College's Departments. In addition, the College's Advising Center was moved out of the CTE & EP and placed under the responsibility of Associate Dean for Undergraduate Studies and Community Outreach.

The focus of the Center is now on working with the New Mexico Legislature, the State Board of Education, the Commission on Higher Education, and other business and community organizations interested in teacher quality and education reform. This is critical work because the passage of the federal No Child Left Behind Act, and the educational policies developed and implemented at the state level have a powerful effect on the existence of the College of Education. A key portion of this policy work is responding to various accountability reports including NCATE and Title II; and the Center will continue to fulfill that function.

The Center is also continuing its role in organizing and supporting the field experience portion of the early childhood, elementary, dual license, and secondary licensure programs. The Director and staff of the Center are responsible for hiring over 40 doctoral students, part-time staff, and resource teachers who all serve as supervisors for about 400 student teachers.

Finally, the Center will continue its role in dealing with student issues related to licensure and teacher education. The Director of the Center and the Associate Dean for Undergraduate Studies and Community Outreach have developed an effective system for solving student issues and we intend to keep this system in place.

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II. Significant Accomplishments

- The College of Education received a very positive re-accreditation report from NCATE.
- The Center also prepared the Title II Higher Education Accountability Report which provided detailed information on the number of the COE's program completers who passed the New Mexico Teacher Assessments. Completing this report required the development of more detailed databases. Liz Luna in the Advising Office did an outstanding job of gathering the required data.
- The Director of the Center continued as the faculty member in charge of the post-baccalaureate cohort programs in Elementary Education. These are extremely popular programs working with over 70 teachers, many of whom are hired on waivers because of the teacher shortages in New Mexico. These

programs are a key part of UNM's response to the teacher shortage and provide the basis for the alternative licensure programs which were designed during the Fall of 2002 and approved by the Professional Standards Commission in November, 2002.

- The major policy effort of the Center for Teacher Education & Educational Policy has been directing the New Mexico Title II Teacher Quality Enhancement Grant. This is a 3 year, federal grant for approximately $2.9 million aimed at improving the recruitment, preparation, induction, and professional development of teaches across New Mexico. The Director of the Center serves as a co-director of the grant, along with James Ball of the State Department of Education and Liz Jenkins of the Commission on Higher Education.

  The key results of this grant include:

  - Created an effective K-16 partnership for teacher quality (Teacher Education Accountability Council)
  - Gathered key data and focus attention on teacher quality issues, including statewide surveys of teacher supply and demand.
  - Helped develop, fund, and implement essential legislation in the areas of recruitment and induction, including teacher loan for service and a beginning teacher mentor program
  - Supported pilot projects and initiatives related to teacher quality, including the pilot projects that developed into the New Mexico Mentoring Network.

  A number of key reports and powerpoint presentations are included with this annual report.

- The Director of the Center developed and submitted a $2.9 million dollar federal grant under the Tittle II Transition To Teaching Program. This grant was funding and will focus on increasing the number of outstanding post-baccalaureates who choose to enter the teaching profession.

- The Center has been very active in working with the State Department of Education on the implementation of the Teaching Quality sections of the 2001, Elementary and Secondary Education Act (The No Child Left Behind Act). This sweeping federal legislation has major implications for colleges of education and the Center's work has helped UNM respond in a positive and constructive manner.

- The Center for Teacher Education & Educational Policy has also been actively involved with other local and state efforts in education reform. These efforts include work with New Mexico First and its implementation team for education reform; the Albuquerque Business Education Compact, the New Mexico Business Roundtable for Educational Excellence, the Legislative Finance

Committee, the Legislative Educational Study Committee, and the Economic Forum.

- The Center for Teacher Education has continued to be actively involved with national efforts in education reform. These efforts include working with the National Commission on Teaching and America's Future; the Southeast Center for Teacher Quality; the Holmes Partnership, and the National Reading Conference.

III. Upcoming Challenges.

- The major challenge facing the Center for Teacher Education & Educational Policy is stability of budget, personnel, and focus. The changes in the College have been necessary and positive, but such changes are hard on the moral of the staff. I believe that we are at a positive stage now. The work of the Center in the areas of field experience, supervision, post-baccalaureate programs, and educational policy are receiving the support of the majority of the faculty. With continued support, the Center can help UNM play a major role in addressing the educational policy needs of New Mexico, particularly in the critical area of teacher quality.

IV. Faculty Publications

Winograd, P., & Flores-Duenas, L. & Arrington, H. (in press; 2nd Ed). Best practices in literacy assessment In L. Gambrell, L. Morrow, S. Neuman, and M. Pressley (Eds.), Best practices in literacy instruction,. New York: The Guilford Press.

Winograd, P. (in press). Policy Issues in Testing. In B. Guzzetti (Ed.) Encyclopedia of Literacy. Santa Barbara, CA: ABC-CLIO Publishers

Winograd, P. (2001). The literacy demands of the curriculum in the post-compulsory years: What they are; what should they be? In J. Cummings & C. Wyatt-Smith (Eds.). Literacy and the Curriculum: Success in Senior Secondary Schooling. Queensland, Australia: Australian Council for Educational Research.

Winograd, P. Scargall, M., & Dion, D. (February, 2001). The Status of Teacher Supply and Demand in New Mexico: A Survey of New Mexico School Districts for the 2000-2001 School Year. Prepared for the Title II Teacher Quality Enhancement State Grant, Santa Fe, NM: New Mexico Commission on Higher Education, New Mexico State Department of Education.

Winograd, P., Scargall, M. & Jenkins, L. (January, 2001) Quality Learning Requires Quality Teaching: 2001 Legislative Requests. Prepared for the Title II Teacher Quality Enhancement State Grant, Santa Fe, NM: New Mexico Commission on Higher Education, New Mexico State Department of Education.

Winograd, P. & Jekowski, J. (January, 2001). Implementation Report 2001. Prepared for the Twenty Second New Mexico First Town Hall "K-12 Education in New Mexico: Benchmarks For the New Millennium." Albuquerque, NM: New Mexico First.

Department of Educational Leadership & Organizational Learning
ANNUAL REPORT July 1, 2001 - June 30, 2002
Submitted by: Judith A. Ponticell, Professor and Chair

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I. Significant Accomplishments

A. Accomplishments

- The twelve full-time, tenured or tenure-track faculty in the Department had a very productive year in the areas of scholarship, teaching, and service.

Scholarship

- 5 monographs, commissioned papers/reports, proceedings
- 3 books
- 2 book contracts awarded
- 9 book chapters
- 10 refereed articles
- 3 refereed articles in press
- 28 presentations at professional conferences
- $1 million in new grants and $9,898,855 in continuing grants

Teaching

- 56 courses taught in Fall and Spring semesters, 14 in Summer
- Average ICES rating of 5.7 for instructors

Professional Service

- Service on 8 editorial boards
- Service as referees for 16 journals
- Service on 8 boards of directors
- Service on 4 national advisory boards
- Chairs of 3 national professional organization standing committees
- Service on 12 national professional organization committees
- Institutional representatives to 6 national professional organizations
- Appointment to a State Board of Examiners

University and College Committee Service

- Service on 26 university committees
- Service on 16 college committees

ED LEAD Program

- Graduates of the Internship Programs are placed in administrative positions at a rate of approximately 81%, immediately upon completion of their degrees, certificates, and internships, and are retained in administrative positions at a rate of 70% which is higher than the national average of 51%.

***Accomplishments**, continued*

- Dr. Karen DeMoss, Assistant Professor, Educational Leadership was awarded the Outstanding Dissertation Award by Division L (Policy and Politics) of the American Educational Research Association.

- Dr. Judith Ponticell, Professor, Educational Leadership was appointed to the New Mexico and NCATE State Board of Examiners.

OLIT Program

- The OLIT Program completed a successful graduate unit review, being identified by the on-site review team as "an outstanding program."

- Dr. Charlotte "Lani" Gunawardena received the UNM General Library Faculty Recognition Award.

- Dr. Patsy Boverie received the Community Service Award from the New Mexico Chapter of the American Society for Training and Development.

B. *Enrollments*

The **Fall 2001** listing of majors report indicated the following enrollments:

ED LEAD Program		*OLIT Program*	
35	Ed.D.	47	Ph.D.
1	Ph.D.	53	Master's
33	Master's	5	Education Specialist
6	Education Specialist	24	Undergraduate
75	TOTAL	129	TOTAL

C. *Graduation rates*

ED LEAD Program

Ph.D.	1
Ed.D.	1
Master's	23
Education Specialist	3

OLIT Program

Ph.D.	5
Ed.D.	1
Master's	22
Education Specialist	0
Bachelor's	6

II. Challenges and Future Plans

A. ED LEAD Program

- The most significant challenge is decline in enrollments. To address this decline, the ED LEAD Program will complete the following:
    - Curriculum revision of the Master's and doctoral programs
    - Initiation of a licensure-only program to address the needs of the State of New Mexico for school administrators
    - Development of web-enhanced components in all ED LEAD courses and selected on-line courses
- The Ed.D. Program has been revitalized. Over 100 application packets have been sent out for the 20 spaces in Cohort 6 which will begin course work in Summer 2003. Program faculty will develop two emphases in the Ed.D. Program, one in K-12 Education Leadership and one in Higher Education Leadership.

B. OLIT Program

- The OLIT Program will explore linkages between the fields of distance education and multimedia to determine how they connect to the area of organizational learning and development from a human resource development perspective rather than a technology applications focus.
- Faculty will develop web-enhanced components in OLIT courses and selected on-line courses.
- Faculty will review and revise the undergraduate 2+2 Training and Learning Technologies Program and the Master's program.

III. Faculty Appointments

- Dr. Breda Bova was promoted to Professor.
- Dr. Charlotte (Lani) Gunawardena was promoted to Professor.
- Dr. Judith Ponticell was promoted to Professor.
- Dr. Mark Salisbury was promoted to Associate Professor and tenured.

IV. Faculty Separations

- Dr. Charles Taylor retired, effective July 31, 2001.

V. Selected Publications of the Department Faculty

- ***Dr. Peggy Blackwell, Professor, ED LEAD***

  Diez, M., & Blackwell, P. J. (2001). *High quality assessment for high quality programs.* Washington, DC: National Council for Accreditation of Teacher Education (NCATE).

- ***Dr. Patricia Boverie, Associate Professor, OLIT***

  Boverie, P. (2001). Who's mentoring the boss? In *Action: A casebook series* (pp. 65-74). Alexandria, VA: American Society for Training and Development.

  Boverie, P., & Kroth, M. (2001). *Transforming work: The five keys to developing and sustaining trust, commitment, and passion in the workplace.* Cambridge, MA: Perseus.

  Boverie, P., & Kroth, M. (2001). Passion and purpose: Helping employees realign with the organization. *The 2001 Annual: Volume 1, Training* (pp. 35-44). San Francisco: University Associates.

- ***Dr. Karen DeMoss, Assistant Professor, ED LEAD***

  Terrassa, J., & DeMoss, K. (2001). Thinking in the art museum: Using writing to measure student growth. *Current Trends in Audience Research and Evaluation, 14*, 13-24.

  DeMoss, K. (2001). *Political dispositions and education finance equity: An analysis of court decisions across the United States.* Unpublished doctoral dissertation. University of Chicago.

- ***Dr. Judith Good, Assistant Professor, OLIT***

  Good, J., & Oberlander, J. (in press). Verbal effects of visual programs: Information type, structure and error in program summaries. *Document Design.*

  Blackwell, A. F., Whitley, K. N., Good, J., & Petre, M. (2001). Cognitive factors in programming with diagrams. *Artificial Intelligence Review, 15*(1), 95-113.

  Brna, P., Cox, R., & Good, J. (2001). Learning to think and communicate with diagrams: 14 questions to consider. *Artificial Intelligence Review, 15*(1), 115-134.

  Oberlander, J., & Good, J. (2001). Uncovering discourse structure in program summaries. In L. Degand, Y. Bestgen, W. Spooren, & L. van Waes (Eds.), *Multidisciplinary approaches to discourse* (pp. 31-40). Amsterdam: Stichting Neerlandistiek VU Amsterdam.

- ***Dr. Charlotte (Lani) Gunawardena, Professor, OLIT***

  Gunawardena, C. N., Walsh, S. L., Reddinger, L., Gregory, E., Lake, Y., & Davies, A. (2002). Negotiating "face" in a non-face-to-face learning environment. In F. Sudweeks & C. Ess (Eds.), *Proceedings of the Cultural Attitudes towards Communication and Technology Conference* (pp. 89-106). Montreal, Canada: University of Montreal.

  Wilson, P. L., Nolla, A. C., Gunawardena, C. N., Lopez-Islas, J., Ramirez-Angel, N., & Megchun-Alpirez, R. M. (2002). A qualitative analysis of online group process in two cultural contexts. In F. Sudweeks & C. Ess (Eds.), *Proceedings of the Cultural Attitudes towards Communication and Technology Conference* (pp. 51-67). Montreal, Canada: University of Montreal.

  Gunawardena, C. N. (2001). Reflections on evaluating online learning and teaching. In E. J. Burge & M. Haughey (Eds.), *Using learning technologies: International perspectives on practice* (pp. 115-124). London: Routledge Falmer.

  Gunawardena, C. N., Nolla, A. C., Wilson, P. L., Lopez-Islas, J., Ramirez-Angel, N., & Megchun-Alpizar, R. M. (2001). A cross-cultural study of group process and development in online conferences, *Distance Education, 22*(1), 85-121.

  Gunawardena, C. N., Plass, J., & Salsibury, M. (2001). Do we really need an online discussion group? In D. Murphy, R. Walker, & G. Webb (Eds.), *Online learning and teaching with technology: Case studies, experience and practice* (pp. 36-43). London: Kogan Page.

- **Dr. Judith Ponticell, Professor, ED LEAD**

  Ponticell, J. A. (2001). School and community connections. In C. G. Henry & J. L. Nath (Eds.), *Becoming a teacher in Texas: A course of study for the professional development ExCET* (pp. 350-368). Belmont, CA: Wadsworth/Thomson Learning.

- **Dr. Hallie Preskill, Professor, OLIT**

  Martineau, J., & Preskill, H. (2002). Evaluating the impact of OD interventions. In J. Waclawski & A. Church (Eds.), *Organization development: Data driven methods for change*. San Francisco, CA: Jossey-Bass.

  Russ-Eft, D., & Preskill, H. (2001). *Evaluation in organizations: A systematic approach to enhancing learning, performance and change*. Boston, MA: Perseus Books.

Compton, D., Baizerman, M., Preskill, H., & Miner, K. (2001). Developing evaluation capacity while improving evaluation training in public health: The American Cancer Society's Collaborative Evaluation Fellows Project. *Evaluation and Program Planning, 24*(1), 33-40.

Zuckerman, B., & Preskill, H. (2001). Throwing a curveball in the game of evaluation: Deception and misuse of findings. *Advances in Human Resources, 3*(1), 55-57.

- **Dr. Steve Preskill, Professor, ED LEAD**

Preskill, S., & Jacobvitz, R. S. (2001). *Stories of teaching: A foundation for educational renewal.* Upper Saddle River, NJ: Merrill/Prentice Hall.

Preskill, S. (2001). Contradictions of domestic containment: Forestalling human development during the cold war. In *Inexcusable Omissions: Clarence Karier and the Critical Tradition in History of Education Scholarship* (pp. 181-194). New York: Peter Lang Publishers.

- **Dr. Elizabeth Saavedra, Associate Professor, ED LEAD**

Grinberg, J., & Saavedra, E. (2001). The constitution of bilingual/ESL education as a disciplinary practice: Genealogical explorations. *Review of Educational Research, 70*(4), 419-441.

- **Dr. Mark Salisbury, Assistant Professor, OLIT**

Salisbury, M. (2002). An example of managing the knowledge creation process for small work group. *Human Resources Abstracts, 37*(2), 305-319.

Salisbury, M., & Plass, J. (2001). A conceptual framework for a knowledge management system. *Human Resource Development International, 4*(4), 451-464.

Salisbury, M. (2002). An example of managing the knowledge creation process for small work group. *Management Learning, 32*(3), 305-319.

Salisbury, M., & Plass, J. (2001). A case study on building a knowledge management system. Proceedings of the International Conference and Expo of the International Society for Performance Improvement, San Francisco, CA.

Salisbury, M., & Plass, J. (2001). Design and development of a web-based knowledge management system. Proceedings of Education Technology 2001 of the Society for Applied Learning Technology, Arlington, VA.

VI. Selected Outside Professional Activities of the Department Faculty

- **Dr. Peggy Blackwell, Professor, ED LEAD**

  Papers presented at professional conferences

  Blackwell, P. J. (2001, September). So you want to improve graduate programs? A paper presented at the Joint Meeting of the American Association of Colleges and the National Council for the Accreditation of Teacher Education, Washington, DC.

  Professional Activities

  Institutional representative, American Association of Colleges for Teacher Education
  Member, Committee on Women's Issues, American Association of Colleges for Teacher Education
  Member, Research Committee, American Educational Research Association
  Member, Government Relations Committee, American Educational Research Association
  Secretary and Member, Holmes Partnership Board of Directors
  Chair, Holmes Partnership Governance and By-laws Committee
  Member, Holmes Partnership Executive Committee
  Consultant, National Board for Professional Teaching Standards
  Coordinator, New Mexico Geographic Alliance

- **Dr. Breda Bova, Professor, ED LEAD**

  Professional activities

  Representative, National Collegiate Athletic Association
  Member, Research Committee, National Collegiate Athletic Association
  Member, Golden Apple Foundation Board of Directors

- **Dr. Patricia Boverie, Associate Professor, OLIT**

  Papers presented at professional conferences

  Boverie, P., & Kroth, M. (2002, March). Passionate work: Igniting the fire. A presentation at the 2002 International Conference of the Association of College Unions, Albuquerque, NM.

  Boverie, P., & Kroth, M. (2002, March). Passionate work: Igniting the fire. A presentation at the 2002 Convergence Conference, Kansas City, MO.

  Lowe, C., Gunawardena, C., Boverie, P., Ortegano, L., & Wilson, P. (2002, April). Interface design for online instruction: What are valid standards for evaluating product and process? A presentation at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Boverie, P., & Kroth, M. (2002, June). Passionate work: Igniting the fire. A presentation at the 2002 International Conference of the American Society for Training and Development, New Orleans, LA.

Boverie, P., & Kroth, M. (2002, June). Passionate work: Igniting the fire. A presentation at the 2002 National Organization of Women Business Owners, Salt Lake City, UT.

Professional activities

Institutional liaison, American Psychological Association
Member, National Program Committee, American Society for Training and Development
Reviewer, *Human Resource Development Review*
Recipient, American Society for Training and Development, 2001 Community Service Award

- **Dr. William Bramble, Professor, OLIT**

Professional activities

Member, Steering Committee, Navajo Educational Technology Consortium
Member, Steering Committee, Western Cooperative for Educational Telecommunications

- **Dr. Karen DeMoss, Assistant Professor, ED LEAD**

Papers presented at professional conferences

DeMoss, K. (2002, April). Politics and education finance case outcomes: An analysis across the United States. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

DeMoss, K. (2002, March). Designing an integrated educational leadership curriculum to include resource allocation. Symposium paper presented at the Annual Meeting of the American Education Finance Association, Albuquerque, NM.

Professional activities

Manuscript reviewer, *American Educational Research Journal*
Member, research team, Improving Schools Project, Consortium on Chicago School Research

- **Dr. Judith Good, Assistant Professor, OLIT**

Papers presented at professional conferences

Luger, G. F., & Good, J. (2002, May). Artificial intelligence: A perspective for education. A keynote address at the Chinese Computers in Education Conference.

Professional activities

Manuscript reviewer, *International Journal of Human Computer Studies*

- **Dr. Charlotte N. "Lani" Gunawardena, Professor, OLIT**

Papers/addresses presented at professional conferences

Gunawardena, C. N., Nolla, A. C., Wilson, P. L., Lopez-Islas, J., & Ramirez-Angel, N. (2002, April). Cross-cultural dimensions and group development in academic computer conferences: A cross-cultural study. A paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Lowe, A. C., Gunawardena, C. N., Boverie, P., Ortegano, L., & Wilson, P. (2002, April). Interface design for online instruction: What are valid standards for evaluating product and process? A paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Gunawardena, C. N., Nolla, A. C., Wilson, P. L., Lopez-Islas, J., Ramirez-Angel, N., & Megchun-Alpizar, R. M. (2001, November). Cross-cultural factors influencing group interaction in computer conferences: A comparison study between Mexico and the United States. A paper presented at the International Conference of the Association for Educational Communications and Technology, Atlanta, GA.

Gunawardena, C. N., Carabajal, K., & Lowe, C. (2001, November). Multi-faceted evaluation of online learning environments. A roundtable discussion at the International Conference of the Association for Educational Communications and Technology, Atlanta, GA.

Duphorne, P., & Gunawardena, C. N. (2001, November). Factors which determine learner satisfaction in computer-mediated learning experiences. A paper presented at the International Conference of the Association for Educational Communications and Technology, Atlanta, GA.

Professional activities

Consulting editor, *International Review of Research in Open and Distance Learning*
Editorial board, *Distance Education*
Editorial board, *Global E-Journal of Open, Flexible, and Distance Education*
Editorial board, *International Journal of Educational Telecommunications*

- **Dr. Judith A. Ponticell, Professor, ED LEAD**

Papers presented at professional conferences

Ponticell, J. A., & Zepeda, S. (2002, April). Constraints on teaching excellence: Lessons for school leaders from award-winning teachers. A paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Ponticell, J. A., & Smith, R. (2002, April). Recommitting to instructional leadership: One district's story. A paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Ponticell, J. A., & Zepeda, S. (2001, November). *Constraints on instructional leadership: What are we missing in administrator preparation?* A paper presented at the Annual Convention of the University Council for Educational Administration, Cincinnati, OH.

Ponticell, J. A., & Zepeda, S. (2001, November). *Making school more rewarding: Examining constraints on teaching excellence.* A paper presented at the Annual Convention of the University Council for Educational Administration, Cincinnati, OH.

Ponticell, J. A., & Zepeda, S. (2001, November). *Constraints on teacher learning: Misuse of teacher evaluation.* A paper presented at the Annual Convention of the University Council for Educational Administration, Cincinnati, OH.

Professional activities

Manuscript reviewer, *American Educational Research Journal*
Institutional representative, University Council for Educational Administration
Member, Advisory Board, University Council for Educational Administration Program Centers
Member, National Selection Panel, Distinguished Program in Teacher Education, Association of Teacher Educators
Member, National Research Council, Association of Teacher Educators

- **Dr. Hallie Preskill, Professor, OLIT**

Papers presented at professional conferences

Preskill, H. (2002, March). Appreciative inquiry: A participatory approach to evaluation. A presentation to the New Mexico Chapter of the American Society for Training and Development, Albuquerque, NM.

Preskill, H. (2001, November). Mainstreaming evaluation use within organizations. A paper presented at the Annual Conference of the American Evaluation Association, St. Louis, MO.

Professional activities

Board of Directors, American Evaluation Association
Chair, Professional Development Committee, American Evaluation Association
Member, Diversity Committee and Membership Committee, American Evaluation Association

- **Dr. Elizabeth Saavedra, Associate Professor, ED LEAD**

Professional activities

Advisory Board Member, National Latino/a Education Research Agenda, Ford Foundation

- **Dr. Mark Salisbury, Associate Professor, OLIT**

Papers presented at professional conferences

Salisbury, M., & Plass, J. (2001, July). Design and development of a web-based knowledge management system. A paper presented at Education Technology 2001 of the Society for Applied Learning Technology, Arlington, VA.

Plass, J., & Salisbury, M. (2001, October). A living system design model for knowledge management systems. A paper presented at WebNet 2001 World Conference of the Association for the Advancement of Computing in Education, Orlando, FL.

Salisbury, M., & Plass, J. (2001, October). Designing and implementing a multi-site, web-based knowledge management system. A paper presented at the TechKnowledge Conference of the American Society for Training and Development, Charlotte, NC.

Salisbury, M., & Brady, K. (2001, November). Designing internet sites that strengthen family relationships rather than weaken them. A paper presented at the 63rd Annual Conference of the National Council on Family Relations, Rochester, NY.

Salisbury, M. (2002, February). Knowledge management and the future of training organizations: What every trainer should know. A presentation at the TechKnowledge Conference and Exposition of the American Society for Training and Development, Las Vegas, NV.

Professional activities

Reviewer, *Journal of Educational Computing Research*
Board member, New Mexico Council for Economic Education

- **Dr. Carolyn J. Wood, Professor, ED LEAD**

  Professional activities

  Member, Advisory Board, IDEA and Research in Inclusive Settings, Center for Faculty Enhancement, Peabody College, Vanderbilt University

VI. Outside Sponsored Research

- ***Dr. Patsy Boverie, Associate Professor, OLIT***

  Co-PI, Federal Star Schools Evaluation Grant for Oklahoma State University Star Schools Distance Education Programs, $1,048,855 (2000-2005)

- ***Dr. William Bramble, Professor, OLIT***

  PI, TechShare, U.S. Department of Education, $2.6 million (1999-2004)
  PI, Educational Technology Improvement Program (ETIP), U.S. Department Of Education, $900,000 (1998-2003)
  PI, NetTrain Knowledge Base Development Project, U.S. Department of Education, $750,000 (1998-2003)
  PI, Shared Visions, U.S. Department of Education, $2.1 million (1999-2002)
  PI, Intel Teach to the Future, $2.5 million (2000-2002)

- ***Dr. Charlotte "Lani" Gunawardena, Professor, OLIT***

  PI, Federal Star Schools Evaluation Grant for Oklahoma State University Star Schools Distance Education Programs, $1,048,855 (2000-2005)

- ***Dr. Judith Ponticell, Professor, ED LEAD***

  PI, Leadership & Technology Initiative Grant, Bill and Melinda Gates Foundation, $1 million (2002-2004)

Department of Educational Specialties

ANNUAL REPORT

July 1, 2001 - June 30, 2002

Submitted by: Anne Madsen, Department Chair *

NOV 2 6 2002

I. Significant Accomplishments

A. Accomplishments

The twenty-two tenured and tenure-track faculty in the Department had a very productive year in the areas of scholarship, teaching and service.

1. Scholarship

- 8 monographs, commissioned papers/reports, proceedings
- 7 books
- 1 book in press
- 5 book chapters
- 2 book chapters in press
- 23 refereed articles
- 11 refereed articles in press
- 9 submitted articles
- 11 non-refereed articles
- 4 reviews of books/articles
- 4 curatorial/exhibits
- 21 grants totaling $4,351,150.22

2. Teaching

- 239 courses taught
- Average ICES rating of 5.6 for instructors

3. Professional Service

- Service on 5 editorial boards
- Service as referees for 9 journals
- Service as referees for 3 book publishers
- Service on 2 boards of directors
- Service on 4 national advisory boards
- Chairs of 5 national professional organization standing committees
- Service on 5 national professional organization committees

4. University and College Committee and Community Service

- Service on 10 university committees
- Service on 67 college committees/task forces
- Service on 28 community organizations

* Special thanks to the following people for their assistance in compiling the data and entering information for this report. Without their efforts this task would have been impossible: Maryanne O'Meara, Connie Volker, José Duarte, Jo Sanchez, Terri Montoya, and Dolores Mendoza.

5. Art Education

- "Creative Response to Tragedy". A two-week Open Studio for students and community to respond to 9/11/2001.
- Revised Elementary and Secondary Art Education program
- APS Art Teachers Exhibit at Masley Gallery

6. Mathematics, Science and Educational Technology (MSET)

- Planned for new Masters Degree cohort to start in the Spring 2003
- Planned and Conducted 4 Mathematics and Science Teacher Academies
- Awarded grants from Hewlett-Packard, Southwest Junior Science and Humanities Symposuim, and the U.S. Department of Education for a total of $1,436, 475.00

7. Special Education

- Completed Graduate Review for OGS
- Received funding for 10 grants for a total of $1,163,254.00
- Faculty has published several books and numerous articles

B. Enrollments

PROGRAM	ENROLLMENTS		
	Su. '01	Fall '01	Sp. '02
Art Education			
MA	**39**	**39**	**39**
Ed. Specialist	**0**	**0**	**0**
Ph. D.	**0**	**0**	**0**
MSET			
MA	**63**	**63**	**63**
Ed. Specialist	**0**	**0**	**0**
Ph. D.	**8**	**8**	**8**
Special Education			
MA	**232**	**149**	**164**
Ed. Specialist	**1**	**3**	**3**
Ph. D.	**3**	**26**	**26**

C. Graduation Rates

PROGRAM	GRADUATES		
	Su. '01	Fall '01	Sp. '02
Art Education			
MA	2	2	5
Ed. Specialist	0	0	0
Ph. D.	0	0	0
MSET			
MA	1	4	7
Ed. Specialist	0	0	0
Ph. D.	0	0	1
Special Education			
MA	18	5	18
Ed. Specialist	0	0	1
Ph. D.	1	0	2

II. Challenges and Future Plans

A. Art Education

- Increase exhibits in Masley Gallery
- Work with faculty in Fine Arts on Summer Institutes for Art teachers
- Increase the number of graduate students in Art Education

B MSET

- Increase the number of students in graduate programs
- Increase scholarship and grant activities
- Conduct searches for Mathematics Education and Technology Education faculty

C. Special Education

- Conduct two searches for Special Education faculty
- Continue research and scholarship endeavors
- Continue participation with APS Special Education teachers and administrators on task forces and activities

III. Faculty and Staff Appointments

- Hired: Dr. Jonathan Brinkerhoff, Assistant Professor, Educational Technology, MSET
- Hired: Dr. Laurel Lampela, Assistant Professor, Art Education
- Hired: Dr. Nancy Pauly, Assistant Professor, Art Education
- Hired: Dr. Julia Scherba de Valenzuela, Special Education
- Hired: Dr. Susan Copeland, Special Education
- Promoted: Dr. Loretta Serna, Special Education, Associate to Full Professor
- Tenured and Promoted: Dr. Leslie Hall, Educational Technology, MSET, Assistant to Associate Professor
- Tenured and Promoted: Dr. Laurel Lampela, Art Education, Assistant to Associate Professor
- Sabbatical: Dr. Loretta Serna, Fall 2001
- Sabbatical: Dr. Quincy Spurlin, Spring 2002
- Sabbatical: Dr.Joseph Suina, Spring 2002
- Hired: Administrative Assistant II - Tonya Covington (1/7/02)
- Hired: Administrative Assistant II - Sherrie Schreiber (10/22/01)

IV. Faculty and Staff Separations

- Tonya Covington - Separated 6/26/02
- Dr. Leslie Hall - Resigned 6/30/02

V. Selected Publications by the Department Faculty

Isaura Barrera

Barrera, I. & Corso, R. (2002). Cultural Competency as Skilled Dialogue. *Topics in Early Childhood Special Education*, 22(2), p. 103-113.

Ginger Blalock

Webb, K., & Blalock, G. (submitted). Post secondary education and career choices of college students worth learning disabilities. Submitted to *Career Development for Exceptional Individuals.*

Yzquierdo, Z., & Blalock, G. (submitted). Language appropriate assessments for determining eligibility of English language learners for special education services. *Assessment in Special Education.*

Jonathan Brinkerhoff

Brush, T., Igoe, A., Brinkerhoff, J., Glazewski, K., Ku, H. & Smith, T.C. (In press). Lessons from the field: Integrating technology into pre-service teacher education. *Journal of Computing in Teacher Education.*

Brinkerhoff,J., Klein, J. & Koroghlanian C. (2002) Effects of overviews and computer experience on learning from hypertext. Journal of Educational Computing Research, 25(4), 1-14.

Koroghlanian, C. & Brinkerhoff, J. (2001). An investigation into's students preexisting computer skills and attitudes towards Internet delivered instruction. Journal of Educational Technology Systems, 29(2), 119-142.

Brinkerhoff, J., Ku, H., Glazewski, K. & Brush, T. (2001) An Assessment of technology skills and classroom technology integration experience in preserves and practicing teachers Proceedings of SITE 2001. Association for the Advancement of Computing in Education, Orlando, Fl, 1866-1871.

Brinkerhoff, J. & Glazewski, K. (2001) Hypermedia-based problem based learning in the upper elementary grades: A case study. Proceeding in the 2000 Association for Educational Communications and Technology Convention- Denver, Association for Educational Communications and Technology, 30-36.

Susan Copeland

Hughes, C., Copeland, S.R., Guth, C., Rung, L.L., Hwang, B., Kleeb, G., & Strong, M. (2001). General education students' perspectives on their involvement in a high school peer buddy program. Education and Training in Mental Retardation and Developmental Disabilities, 36, 343-356.

Susan Copeland (continued)

Sutherland, K.S. Copeland, S.,& Wehby, J.H. (2001). Catch them while you can: Monitoring and increasing your use of effective praise. *Beyond Behavior*, 11, 46-49.

Carter, E. W., Hughes, C., Copeland, S.R., & Breen, C. (in press). Differences between high school students who do and do not volunteer to participate in peer interaction programs. *Journal of the Association for Persons with Sever Handicaps.*

Copeland, S. R., & Hughes, C. (in press). The effects of goal setting on task performance of persons with mental retardation. Education and Training in Mental Retardation and Developmental Disabilities. (March 2002 issue)

Copeland, S. R., & Hughes, C., Agran, M., Wehmeyer, M., & Fowler, S.E. (in press). An intervention package to support high school students with mental retardation in general education classrooms. American Journal on Mental Retardation. (Jan. 2002 issue)

Copeland, S.R., McCall, J., Williams, C.R., Guth, C., Carter, E. W., Presely, J.A., Fowler, S.E., & Hughes, C. (in press). The peer buddy program is a win-win situation: Teachers' perspectives of a high school peer support program. *Teaching Exceptional Children.*

Hughes, C., Carter, E. W., Hughes, T., Bradford, T., & Copeland, S.R. (in press). Effects of instructional roles on the social interactions of high school students. *Education and Training in Mental Retardation and Developmental Disabilities.*

Hughes, C., Copeland, S.R., Agran, M., Wehmeyer, M.L., Rodi, M., & Presley, J. (in press).. Using self-monitioring to improve performance in general education high school classes. *Education and Training in Mental Retardation and Developmental Disabilities* (Sept. 2002 issue).

Hughes, C., Copeland, S.R., Agran, M., Wehmeyer, M.L., Agran, M., Cai, X., & Hwang, B. (in press). Increasing social interaction between general education high school students and their peers with mental retardation. *Journal of Developmental and Physical Disabilities.*

Hughes, C., Fowler, S.E., Copeland, S.R., Agran, M., & Wehmeyer, M.L., (in press). Supporting high school students to engage in recreational activities with peers. Behavior Modification.

Liz Keefe

Proo, C., Contreras, P., Moore, V., Jarry, E., &Keefe, L. (2002). Thoughts from the kids next door or did we really need to be told this? *TASH Connections, 28*, (7/8), p.25-28.

Keefe, E.B., & de Valenzuela, J.S. de (2001). Invited book review of *Geographies of disability* by Brendan Gleeson. Teachers College Record, 103,1, 123-125.

Richard Kitchen

Kitchen, R.S. & Wilson, L.D. (in review). Lessons Learned from Students about Assessment and Instruction. *Teaching Children Mathematics*. Reston, VA: NCTM.

Kitchen, R.S. (in review). Challenges Associated with Developing Discoursive Classrooms Mathematics Teacher. Reston, VA: NCTM.

Kitchen, R.S. & Depree, J. (in review). Collaborating across Two-Year and Four-Year Institutions to Prepare Prospective Teachers in Proportional Reasoning.. Journal of the American Mathematics Association of Two-Year Colleges. AMATYC.

Rodriguez, A.J. & Kitchen, R.S. (Editors)(in press). Preparing Prospective Mathematics and Science Teachers to Teach Diversity: Promising Strategies for Transformative Action. Mahwah, NJ: Lawrence Erlabaum Associates.

Kitchen, R.S. (in press). Making Equity and Multiculturism Explicit to Transform the Culture of Mathematics Education. In A.J. Rodriguez & R.S. Kitchen (Eds.) *Preparing Prospective Mathematics and Science Teachers to Teach for Diversity: Promising Strategies for Transformative Action*. Mahwah, NJ: Lawrence Erlabaum Associates.

Kitchen, R.S. (in press). Book Review of "Fragments for Infinity." *Mathematics Teacher*. Reston, VA: NCTM

Kitchen, R.S., Cherrington, A., Gates, J., Hitchings, J., Majka, M., Merk, M. & Trubow, G. (2002).. Teachers Describe How Performance Assessment Supported Mathematics Education Reforms at their Middle School. Mathematics Teaching in the Middle School, 8, Reston, VA: NCTM.

Kitchen, R.S. (2002). Transforming Mathematics Education: Barriers to Reform in High Poverty, Diverse Schools. In P. Valero & O. Skovsmose (Eds.), Proceedings of the Third International Conference on Mathematics Education and Society. Helsingor, Denmark: Center for Research in Learning Mathematics.

Wilson, L.D., Kitchen, R.S. (2002). A Re-Examination of Project 2061's Alignment Analysis Procedure for Assessment Items: A Case Study of a Fourth Grade Assessment Task. Washington, DC: American Association for the Advancement of Science.

Kitchen, R.S. (2002). New Mexico Collaborative for Excellence in Teacher Preparation Year 5 Final Report: College of Education Activities. Washington, DC: National Science Foundation.

Kitchen, R.S. (2001). The Socio-Political Context of Mathematics Pedagogy in Guatemala through the Words and Practices of Two Teachers. In W. Atweh, H. Forgasz, & B. Nebres (Eds.), Sociocultral research on mathematics education: An international perspective Mahwah, NJ: Lawrence Erlbaum Associates.

Wilson, L.D., Kitchen, R.S. (2001). An Examination of Project 2061's Alignment Analysis Procedure for Assessment Items: A Case Study of a Fourth Grade Assessment Task Washington, DC: American Association for the Advancement of Science.

Richard Kitchen (continued)

Kitchen, R.S. (2001). New Mexico-Collaborative for Excellence in Teacher Preparation Year 4 Final Report: College of Education Activities. Washington, DC: National Science Foundation.

Bonnie Kraemer

Kraemer, B.R., McIntyre. L. L, & Blacher, J. (submitted). Quality of life for young adults with severe mental retardation during transition. Mental Retardation.

Kraemer, B.R., & Blacher, J. (2001). Statewide transition participants and services project: A study of transition services and gaps. Final Report submitted to New Mexico Developmental Disabilities Planning Council.

Kraemer, B.R., Blacher, J. (2001). Transition for young adults with severs mental retardation School Preparation, parent expectations, and family involvement. Mental Retardation, 39, 423-435.

Teresa Kokoski

Smith, R., Mitchell, R., & Kokoski, T.M. (2000). A Study on Supply and Demand of Teachers in APS. Report published through the Professional Development Collaborative at UNM.

Laurel Lampela

"Lesbian and gay artists in the curriculum: A survey of art teachers' knowledge and attitudes," Studies in Art Education, 42 (2), 146-160.

"Daring to be different: A look at three lesbian artists." Art Education, 54 (2), 45-51

"Response to Editor - Invited."Art Education, 54(5), 24.

Ruth Luckasson

Luckasson, R., Schalock, R.L., Borthwick-Duffy, S., Buntix, W.H.E., Coutler, D.L., Craig, E.M., Reeve,A., Snell, M.E., Spitalnik, D.M., Spreat, S., and Tasse, M.J. (2002). Mental Retardation: Definition, classification, and systems of supports (10th ed.). Washington, DC: American Association on Mental Retardation.

Luckasson, R. (in press 2002). Terminology and power. In S.S. Herr, H.H. Kohl, & L.O. Gostin (Eds.)(in press 2002). Different but equal: The rights if persons with intellectual disabilities, pp. xx-xx. XX: Oxford University Press.

Tymchuk, A., Lakin, K.C., & Luckasson, R. (Eds.) (2001). The forgotten generation: Individuals with mild cognitive limitations in America Society. Baltimore, MD: Paul H. Brookes.

Ruth Luckasson (continued)

Luckasson, R. (2001). People with mild cognitive limitations in the justice system. In A., Tymchuk, K. C. Lakin, & R. Luckasson (Eds.), The forgotten generation: Individuals with mild cognitive limitations in America society, pp. 347-356. Baltimore, MD: Paul H Brookes.

Luckasson, R., & Reeve, A. (2001). Naming, defining, and classifying in mental retardation. Mental Retardation, 39, 47-52.

Snell, M.E., and Luckasson, R. (2001). Clinical aspects of mental retardation. In N.J. Smelser & P.B. Bates (Eds.), International encyclopedia of the social and behavioral sciences: Vol. 14, pp. 9695-9700. Oxford, England: Elsevier Science Ltd.

Joseph Martinez

Martinez, Joseph G.R., and Nancy C. Martinez (2001). *Reading and Writing to Learn Mathematics: A Guide and a Resource Book.* Boston and London: Allyn and Bacon.

Martinez, Joseph G.R. (2001). "Exploring, Inventing, Discovering Mathematics: A Pedagogical Response to TIMSS." *Mathematics Teaching in the Middle School,* 7(2): 114- 119.

Martinez, Joseph G.R. (2001). "Thinking and Writing Mathematically: 'Achilles and the Tortoise' as an Algebraic Word Problem." *Mathematics Teacher,* 94(4): 248-252.

Martinez, Nancy and Joseph Martinez (January/February, 2001) "Introducing Big Numbers: A Walk on the Googol Side." *Lollipops,* 21 (3): 22-24.

Martinez, Nancy and Joseph Martinez (January, 2001). "Puzzles Instead of Drills." Teaching Pre-K-8, 31 (4): 55-57.

Martinez, Joseph G.R., and Nancy C. Martinez (2001). "Affirmative Action: An Obituary and a Call to Action." *Hispanic Outlook in Higher Education,* on outside cover in section, */Punto Final!*

Elizabeth Nielsen

, M.E. (2002). Gifted students with learning disabilities: Recommendations for identification and programming. Exceptionalties, 10 (2), 93-111.

Serna, L.A., Nielsen, M.E., Mattern, N., & Forness, S.R. (in press). Primary prevention in mental health for Head Start classrooms: partial replication with teachers and inventors. Behavioral Disorders.

Serna, L.A., Nielsen, M.E., Mattern, N., & Forness, S.R. (in press). Use of different measures to identify preschoolers at-risk for emotional and behavioral disorders: Impact of gender and ethnicity. Education and Treatment of Children.

Elizabeth Nielsen (continued)

Serna, L.A., Nielsen, M.E., Mattern, N., & Forness, S.R. (2002). Head Start children at risk for emotional or behavioral disorders: Behavior profiles and clinical implications of a primary prevention program. Beverly Disorders, 27 (2), 137-14

Nancy Pauly

July 11, 2001: Dissertation accepted for PhD degree at the university of Wisconsin-Madison Visual Images Linked to Cultural Narratives-Examining Visual Culture in Teacher Education.

Susan Risi

Kistner, J., Balthazor, M., Risi, S., & David, C. (2001). Adolescents' perceptions of peer acceptance: Is dysphoria associated with greater realism? Journal of Social and Clinical Psychology, 20, 66-81.

Owley. T., McMahon, W., Cook, E.H., Laulhere, T., South, M., Mays, L.A., Shernoff., E.S., Lainhart, J., Modhal, C.B., Corsello, C., Ozonoff, S., Risi, S., S., Lord, C., Leventhal, B.L., & Filipek, P.A. (2001). Multi site, double-blinded, placebo-controlled trail of porcine secretin in autism. Journal of the American Academy of Child and Adolescent Psychiatry, 40, 1293-1299.

Julia Scherba de Valenzuela

Beaumont, C.J., de Valenzuela, J. S., & Trumbull, E. (Summer, 2002). Alternative assessment for bilingual readers. *Bilingual Research Journal*, 26(2), 241-268.

Keefe, E.B., & de Valenzuela, J.S. de (2001). Invited book review of *Geographies of disability* by Brendan Gleeson. Teachers College Record, 103,1, 123-125.

Loretta Serna

Serna, L.A., Nielsen, E., Mattern, N., & Forness, S.R. (accepted Summer 2002). Primary prevention in mental health for Head Start classrooms: Partial replication with teachers as interveners. *Behavior Disorders*. (November, 2002).

Serna, L.A., Nielsen, M.E., Mattern, N., & Forness, S.R. (in press 2002). Impact of different measures and functional impairment on identification, gender or ethnic over representation, and risk for emotional or behavior disorders in preschool children. *Education and Treatment of Children, Fall.*

Serna, L.A., Lambros, K.M., Nielsen, E., & Forness, S.R. (February, 2002). Head Start children at-risk for emotional or behavioral disorders: Behavior profiles and clinical implications of a primary prevention program. *Behavioral Disorders 25 (2), 127-141.*

Algozine, R., Serna, L.A., & Patton, J.R. (2001). Childhood behavior disorders: Applied research and education practice. Austin, Tx: ProEd.

Quincy Spurlin

"What is Science?". Session for CENAC (Coalition of Educators of Native American Children). School Reform Rally, Santa Fe Indian School. January 2001.

"Moving Towards a Curriculum of Place: Mobilizing Your Communities' Knowledge." with R. Kitchen. Session for the NSF's First Conference for Project Leaders of the Rural Systemic Initiatives. March 2001, Albuquerque.

"Identifying, Collecting and Monitoring Schoolyard Plants". Sessions for CENAC School Reform Rally, Sandia Pueblo. August, 2001.

Joseph Suina

Suina, J. H. & Loughlin, C. E. (2002). El ambiente de aprendizaje: Diseño y organización (Quatro Edición). Teachers College Press, Columbia University. New York.

Suina, J. H. "The Persistence of the Corn Mothers" in, An Archeology of the Pueblo Revolt. (Chapter) Ed. by R. W. Pruecel, University of New Mexico, Albuquerque, 2002.

Suina, J. H. (In press) "Conflict, Confusion and Astonishment" Encounter: Education for Meaning and Social Justice, an Independent Journal, 2002.

Diane Torres-Velasquez

Yzquierdo, Z., Blalock, G., & Torres-Velásquez. (submitted). Language appropriate assessments for determining eligibility of English language learners for special education services. *Assessment in Special Education.*

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Torres-Velásquez, D. (2002). Books for summer reading [Review of the selected works of Jimmy Santiago Baca - a piece of Roger Soders' annual summer review of books]. Phi Delta Kappan, 82.

Torres-Velásquez, D. (2001). Books for summer reading [Review of the book Virgin of the World- a piece of Roger Soders' annual summer review of books]. Phi Delta Kappan, 82, (10).

Torres-Velásquez, D. (2001). Newsletter co-editor, Hispanic Special Interest Group; American Educational Research Association.

Kathryn Watkins

Watkins, Kathryn. (in review). Community Inquiries: Prospective Science Teachers Exploring the "World" of their Students.

Watkins, Kathryn & M.A. Price (in review). What science misconceptions can teach social studies?

Watkins, Kathryn (in review). Scholarships, Writing and a Teacher Educator: Confessions of Fear.

MAY 2 6 2002

Department of Individual, Family, and Community Education
Christine B. McCormick, Chair
2001--2002 Annual Report

During the 2001-2002 academic year, the divisions in the College of Education were reconfigured as Departments and the Division Directors became Department Chairs. In addition, beginning August 15, 2001, the Health Education program left the department and the Early Childhood Multicultural Education program joined the Department. Thus, the Department of Individual, Family, and Community Education comprises five separate administrative programs -- Counseling, Early Childhood, Educational Psychology, Family Studies, and Nutrition -- which govern four Master's programs (and one Master's emphasis in Elementary Education), three doctoral programs, and three undergraduate degrees.

In 1999-2000, we agreed on a small number of common goals for the Division/Department and on general strategies for achieving them. The Goals are as follows:

Goal One: Establishing clear procedures and criteria for merit review.
Goal Two: Recruitment and retention of high quality graduate students
Goal Three: Supporting faculty excellence
Goal Four: Consolidating division/department identity

In the last three years, we have made great progress on Goal One and have established clear procedures and criteria for merit review. During academic year 2001-2002, we began the process of evaluating faculty workload through the establishment of a department faculty workload committee. Each program is working on a workload report that is due to the Department as a whole in Fall 2002. The goal is to then create a Department-wide faculty workload policy (Goals Three and Four). We are also exploring the best way to update our program web pages (Goal Two). In addition, we have emphasized obtaining grant funding as a tactic to achieve Goals Two and Three. In 2001-2002, various faculty in the department have submitted grants (pending) that total more than three million dollars. This is an enormous increase in grant activity for our department.

Significant Developments

The **Counseling** program provided significant public service through service learning activities in the Traverse Outreach Project and the Manzanita Counseling Center. In addition, the Counseling program successfully completed a Graduate Unit Review in Fall 2001 and reported over 100 applicants for the Master's degree program in 2001-2002. The graduates of the Master's program continue to exhibit a very high passing rate on the National Counseling Exam (NCE) and the new student honorary organization, Chi Sigma Iota, inducted over 10 new members.

The **Early Childhood Multicultural Education** program completed a comprehensive student handbook and began revising the curriculum in the BS degree in response to changes in teacher education licensure. The program also developed a year-long Full-Day Kindergarten Institute, a professional development program funded in part by Wells Fargo and the McCune Foundation.

After an extended period of discussion and long-range planning, the **Educational Psychology** program collaborated on a large (1.33 million) NSF grant (pending) to which all faculty members in the program contributed. In addition, the program established a research participation pool, explored a formal affiliation with Greg Camilli, re-configured the dissertation seminar, conducted an annual review of all graduate students, and continued to systematically mentor and review the performance of teaching assistants.

The **Family Studies** program proposed changes to their degree programs using the recent Graduate Unit Review as a guide. In addition, the program faculty obtained certification for Bachelors and Master's level students (Certified Family Life Educator) through the National Council on Family Relations.

The **Nutrition/Dietetics** Program developed a format and implemented student portfolios in the sophomore-level professional development seminar.

Significant Plans and Recommendations for the Future

The **Counseling** program faces many challenges including the expectation of recruiting new faculty in 2003-2004 (two faculty have retired without replacement), transitioning to a new Comprehensive Examination format, reviewing the practicum experience, implementing a student mid-point review, and preparing the CACREP accreditation report (due May 2003). As indicated by the Graduate Unit Review and previous CACREP visits, the Manzanita Counseling Center is in need of major renovation.

The **Early Childhood Program** is responding to changes in the teacher education licensure requirements and is adjusting to the loss of two faculty members in the last two years without replacement.

The **Educational Psychology** program is continuing to explore a variety of methods of recruiting talented graduate students. In addition, the program is working with a number of Teacher Education programs as course requirements are being revised. The program will likely need to redesign courses and possibly create new ones in response to changes in teacher education certification requirements. The program will continue to collaborate on grant writing. Although the search for a new faculty member with expertise in advanced statistics was ultimately unsuccessful the faculty hope for a more positive outcome to an expected search in the 2003-2004 academic year.

The **Family Studies** program is adjusting to the loss of two faculty members in the last year without replacement.

The **Nutrition** program is planning to explore ways to encourage the participation of both graduate and undergraduate students in research and to increase their graduate course offerings. In addition, the nutrition faculty are beginning to incorporate service learning into graduate and undergraduate programs and will be seeking grant funding to renovate the outdated food science laboratory (located in Johnson Center).

Appointments to Faculty/Staff

The following faculty in the Early Childhood Program joined the Department in August 2001.

Guillermina Engelbrecht, Professor
Baji Rankin, Assistant Professor
Cathy Guitterez-Gomez, Assistant Professor
David Atencio, Assistant Professor

We began the Fall 2001 semester with 7 faculty in the Counseling program, 4 faculty in the Early Childhood program, 7 faculty in the Educational Psychology program, 8 faculty in the Family Studies program, and 4 faculty in the Nutrition program for a total of 30 faculty in the department.

Separations to Faculty/Staff

Mary Smith retired from her faculty position in the Family Studies program in December 2001.

John Rinaldi retired from his faculty position in the Counseling program in July 2002.

Baji Rankin did not receive a successful Mid Point Review and completed the final year of her contract in May 2002

Vonda Long retired from her faculty position in the Counseling program in August 2002.

We begin the Fall 2002 semester with 5 faculty in Counseling (and one Visiting Professor), 3 in Early Childhood, 7 in Educational Psychology, 7 in Family Studies, and 4 faculty in Nutrition for a total of 26 tenured and tenure-track faculty in the Department.

Publications

The Faculty in IFCE report more than 60 publications, including 26 peer-reviewed journal articles, another 13 peer-reviewed journal articles in press, and 10 book chapters/1 book (published or in press):

Counseling

Bidell, M. P., Turner, J. A., & Casas, J. M. (2002). First impressions count: Ethnic/Racial and Lesbian/Gay/Bisexual content of professional psychology application materials. *Professional Psychology: Research and Practice*, 33(1), 97–103.

Torres-Rivera, E., Wilbur, M. P., Maddux, C., Smaby, M., & **Phan, L. T.** (2002). Factor structure and construct validity of the counselor skills personal development rating form (CSPD-RF). *Counselor Education and Supervision*, 41 (4), 268-278.

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Early Childhood Program

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Educational Psychology Program

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Family Studies Program

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Ogletree, M. D., Jones, R. M., & **Coyl, D. D.** (2002) Fathers and Their Adolescent Sons: Pubertal Development and Paternal Involvement. *Journal of Adolescent Research*, *17*, 418-424.

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Nutrition Program

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Publications in press

Counseling

Bidell, M. P. & Buckley, M. A. (in press). Youth tobacco prevention. In J. R. Miller, R. M. Lerner, & L. B. Schiamberg (Eds.), *Human ecology: An encyclopedia of children, families, communities, and environments*. Santa Barbara, CA: ABC-Clio.

Torres-Rivera, E., Wilbur, M. P., **Phan, L. T.**, Maddux, C., & Roberts-Wilbur, J. (in press). Counseling Latinos with substance abuse problems. *Journal of Addictions and Offender Counseling.*

Phan, L. T., & Torres-Rivera, E. (in press). Language as an issue in group counseling and psychotherapy. In J. L. DeLucia-Waack, D. Gerrity, C. Kalodner, & M. Riva (Eds.), *Handbook of group counseling and psychotherapy.* Thousand Oaks, CA: Sage.

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Early Childhood Education

Westby, C., & **Atencio, D.** (in press). Computers, culture, and learning. *Topics in Language Disorders.*

Educational Psychology

Igo, L.B., Toland, M.D., **Flowerday, T.**, Song, S., & Kiewra, K.A. (in press) The accuracy of self-efficacy: A comparison of high school and college students. *Academic Exchange Quarterly.*

Flowerday, T., & Schraw, G. (in press) The effect of choice on cognitive and affective engagement. *Journal of Educational Research..*

McCormick, C. B. (in press). Metacognition and learning. In W. M. Reynolds & G. E. Miller (Eds), Handbook of Educational Psychology (pp.). Volume 7 of the Comprehensive Handbook of Psychology, Editor-in-Chief: I.B. Weiner. New York: Wiley.

Moreno, R. & Mayer, R. E. (in press). Learning science in virtual reality multimedia environments: Role of methods and media. *Journal of Educational Psychology.*

Mayer, R. E. & **Moreno, R.** (in press). Nine ways to reduce cognitive load in multimedia learning. *Educational Psychologist.*

Parkes, J. & **Stevens, J. J.** (In press). Legal issues in school accountability systems. *Applied Measurement in Education.*

Logan, C. R., & **Parkes, J.** (in press). Effects of classroom assessment on student motivation. *Journal of Educational Research.*

Parkes, J., Fix, T. K., & Harris, M. (in press). What syllabi communicate about assessment in college classrooms. *Journal on Excellence in College Teaching.*

Family Studies

Stueve, J.L., & Pleck, J.H. (In press). Fathers' Narratives of Arranging and Planning: Implications for Understanding Paternal Responsibility. *Fathering: A Journal of Theory, Research, and Practice About Men as Fathers.*

Hofferth, S.L., Pleck, J.H., **Stueve, J.L.**, Bianchi, S., & Sayer, L. (in press). The demography of fathers: What fathers do. In C.S. Tamis-LeMonda & N. Cabrera, (Eds.), *The Handbook on Father Involvement*. Mahwah, NJ: La wrence Erlbaum Associates.

Pleck, J.H., & **Stueve, J.L.** (in press). A narrative approach to paternal identity: The importance of parental identity "conjointness." In R. Day (Ed.), *Reconceptualizing and Measuring Father Involvement*. Mahwah, NJ: Lawrence Erlbaum Associates.

Nutrition

Conn, C.A., Dokladny, K., Menache, M.G., Barr, E.B., Kozak, W., Kozak, A., Wachulec, M., Rudolph, K., Kluger, M.J., Henderson, R.F. Effects of sarin on temperature and activity of rats. (Toxicology and Applied Pharmacology, in press).

Henderson, R.F., Barr, E.B., Blackwell, W., Clark, C.R., **Conn, C.A.**, Kalra, R., March, T., Sopori, M., Singh, S., Tesfaigzi, Y., Menache, M., and Mash, D.B. Response of rats to low levels of sarin. (Toxicology and Applied Pharmacology, in press).

Published proceedings, abstracts, newsletters, and technical reports

Educational Psychology

Gamradt, J. (2002, July). Review of The making of literate societies. [David R. Olson and Nancy Torrance, editors, Blackwell, 2001] Choice: Current Reviews of Academic Books, Social and Behavioral Sciences, 39 (11).

Gamradt, J. A. (2002, April). "Doing school": How we are creating a generation of stressed out, materialistic, and miseducatted students. [Denise Clark Pope, Yale, 2001] Choice: Current Reviews for Academic Libraries 39 (8), Social and Behavioral Sciences, 39 (8).

Gamradt, J. A. (2001, November). Learning by heart. [Roland Barth, Jossey-Bass, 2001] Choice: Current Reviews of Academic Books, Social and Behavioral Sciences, 39 (3).

Gamradt, J. A. (2001, July). Thoughts out of school. [William Ray Arney, P. Lang, 2000] Choice: Current Reviews of Academic Books, Social and Behavioral Sciences, 38 (11).

Parkes, J., & **Stevens, J. J.** (April, 2002). Could school accountability systems be challenged in court? Education Assessment Insider: Compliance, Testing and Accountability, 1(1), 1-2.

Parkes, J., Stevens, J. J., & McKernan, R. (2001). Report on the results of the "2000 APS/UNM Survey of Teachers" (Research Report 2001-2). Albuquerque, NM: APS/ UNM Partnership.

Stevens, J. J. (2001). *Technical report on the "2000 APS/UNM Survey of Teachers"* (Research Report No. 2001-01). Albuquerque, NM: APS/UNM Partnership.

Family Studies

Turner, P. (2001). Instructor's Manual for Parenting in Contemporary Society, 4th ed. Needham Heights, MA:Allyn & Bacon.

Turner, P. (Ed.). (2002). La Ristra: New Mexico's Comprehensive Professional Development System in Early Care, Education, & Family Support, 2nd Ed. Santa Fe: CYFD

Turner, P., & Haggard, D. (2002). The Continuous Journey: A Model for the Development of Early Care, Education, and Family Support Personnel Preparation Systems, Rev. ed. Albuquerque: UNM, Center for Family & Community Partnerships.

Nutrition

Lockner, D.W., Wold, R., Waters, D., Garry, P., & Baumgartner, R.N. (2002) Impact of folate fortification of grains on dietary folate intake of the elderly. *American Journal of Clinical Nutrition*. 75,389S.

Outside Professional Activities

Markus Bidell, Counseling program, Postdoctoral Fellow (Bernalillo Youth Detention Center); Consultant, Rio Rancho School District.

Loan Phan, Counseling Program, service for Counselors for Social Justice.

David Scherer, Counseling Program, co-taught Child and Family Therapy Seminar for Health Sciences Center, UNM (1996-present). Named Regents Lecturer University of New Mexico, College of Education, Albuquerque (2000-2003). Reviewer for Journal of Pediatric Psychology.

David Atencio, Early Childhood Program, Member, Professional Advisory Committee, New Mexico Learning Disabilities Association, Board of Directors of Martineztown House of Neighborly Services, Albuquerque Technical Vocational Institute Family Studies Advisory Board, New Mexico Early Childhood Higher Education Task.

Guillermina Engelbrecht, Early Childhood Program, Member, AACTE Global and International Education, North Central Association Higher Learning Commission ARC, NM Higher Education Task Force.

Jan Armstrong , Educational Psychology Program, Editorial Board, Anthropology and Education Quarterly and Educational Foundations. Reviewer for American Educational Research Association and American Anthropological Association. Board of Directors, Society of Professors of Education.

Terri Flowerday, Educational Psychology Program, Reviewer for the Journal of Educational Psychology

Christine McCormick, Educational Psychology Program, Editorial Board, Journal of Educational Psychology and Educational Psychology Review. Secretary, Board of Directors for Outcomes, Inc. (formerly Family and Children Services)

Jay Parkes, Educational Psychology Program. Member of Albuquerque Public Schools/ University of New Mexico Partnership Evaluation Committee.

Joe Stevens, Educational Psychology Program, Member of New Mexico State Evaluation Advisory Committee, Expert Panel Member, New Mexico State School Board

Accountability Ad Hoc Committee on Test Comparability and APS/UNM Partnership Programs Evaluation Committee. Editorial Board, Journal of Educational Psychology, Reviewer for American Educational Research Association, Educational Measurement: Issues and Practice, American Educational Research Journal, Journal of Statistics Education, National Council on Measurement in Education, and Structural Equation Modeling: A Multidisciplinary Journal.

Roxana Moreno, Educational Psychology Program, reviewer for Journal of Educational Psychology, Cognition and Instruction, Journal of Educational Computing Research, National Science Foundation, American Educational Research Association, and the Association for Computing Machinery.

Diana Coyl, Family Studies Program, Editorial Board Member for Youth and Society.

Virginia Shipman, Family Studies Program, Chair, Affirmative Action Committee of Division E, American Educational Research Association. Member, AERA Council on Affirmative Action Policies and Procedures. Member, Review panel, OERI, Field Initiated Proposals.

Richard Smith, Family Studies Program, Board member and Hearing Officer, New Mexico Counseling and Therapy Practice Board. Chair, Marriage and Family Therapy section, New Mexico Counseling and Practice Board. Reviewer for Journal of Family Relations and American Association for Marriage and Family Therapy.

Jeff Stueve, Family Studies Program, Recognition as a Certified Family Life Educator by National Council on Family Relations.

Polly Turner, Family Studies Program, Co-director, Center for Family & Community Partnerships; Co-Chair, Higher Education Early Childhood Task Force; Vice Chair, Educational Retirement Board, Secretary, Board of Directors, NM Educators Federal Credit Union; Advisory Board, MacArthur Early Childhood Hub. Reviewer for AERA.

Carole Conn, Nutrition Program, Mentor for Minority International Research Training Program in Nigeria; Member, Strategic Health Initiative on Aging Committee; Chair, Distance Learning Committee for the American College of Sports Medicine; Reviewer for Toxocological Sciences and Journal of Exercise Physiology.

Karen Heller, Nutrition Program, Reviewer for Journal of the American Dietetic Association

Donna Lockner, Nutrition Program, President-elect of Albuquerque District Dietetic Association

Outside Sponsored Research

Markus Bidell, PI, Gammu Mu Foundation Research Grant (pending)

David Scherer, Counseling Program, Co-Investigator, Barriers to Voluntary Assent in Asthma Youth Research. Center for Family and Adolescent Research, University of New Mexico. Supported by the National Institutes of Health, National Heart, Lung, and Blood Institute Grant 1 R01 HL64677-01A1 [$1,150,727]. Co-Investigator, Transitional Treatment for Adolescents in Family Therapy (pending) submitted to National Institute of Drug Abuse.

Deborah Rifenbary-Murphy, Counseling Program, with Blalock,G. (July 2002). Education Pathways: A Career, A Commitment. 3 yr grant funded by the Central Area Workforce Investment Board to recruit WIA youth into education related careers.

David Atencio, Early Childhood Program. PI, with Westby, C. (pending) Project SITE (Supporting Inclusive Infant Toddler Teacher Education) Personnel preparation grant submitted to the U. S. Department of Education, Office of Special Education Programs -$1,500.000. Co- PI, with Harrison H. & Stevens-Dominguez, M. (pending) Project Early Look: A model demonstration project, submitted to U. S. Department of Education, Office of Special Education Programs, $777,780 and SELF (Supports For Early Learning Foundations) Research Project, grant submitted to the U.S. Department of Education, Office of Special Education Programs, $175,000.

Roxana Moreno, Educational Psychology Program, PI, Promoting Experiential and Reflective Cognition in Education Project, National Science Foundation, (50,000). Testing Dual-Processing Theory of Multimedia During Classroom Instruction, (3,500), ENMU Center for Teaching Excellence. Bridging the Gap Between Theory and Practice in Teacher Education: Guided Interactive Virtual Environments (GIVE), Faculty Early Career Development (CAREER) Program, National Science Foundation. (pending, $ 1,154,661). Assessing Cognitive Diversity: Implications for Hispanic, Native American, and White Childrens' Mathematics Learning, PI with co-PIs Joseph Stevens and Richard Duran, National Science Foundation (Submitted, pending, $ 1,331,907).

Joseph Stevens, Educational Psychology Program, Co-PI Assessing Cognitive Diversity: Implications for Hispanic, Native American, and White Childrens' Mathematics Learning, PI with PI Roxana Moreno, and co- Richard Duran, National Science Foundation (pending, $ 1,331,907).

Polly Turner, Family Studies Program, Professional Development in Early Care, Education & Family Support, $170,000, NM Children, Youth & Families Department. Training and Technical Assistance Infrastructure Project, $140,000/year (on-going), NM CYFD Final year of Recruitment & Training of Minority Early Childhood Professionals to Increase the Quality of Early Childhood Programs for Children at Risk, $1.24 million for 4 years, Kellogg Foundation.

Donna Lockner, Nutrition Program, Collaborator (10% effort): National Institutes of Health Integrated Environmental Health Middle School Project. PI: David Eaton, Univ. of Washington; Co-PI (PI of Subcontract) Craig Marcus, Univ. of New Mexico; ES-099-11. 7/1/00 - 6/30/07 Total Project: $1,742,900 (Funded October 2000).

NOV 2002
OFFICE OF THE SECRETARY

Department of Language, Literacy and Sociocultural Studies
Annual Report July 1, 2001 - June 30, 2002
Submitted by: Ann Nihlen, Chair

I. Significant Accomplishments

A. Summary of Accomplishments

Scholarship
2 Awards and honors
7 Book Chapters
13 refereed articles
1 Curriculum guides
3 Program evaluations
11 Non-refereed articles
44 Presentations in professional conferences
6 Invited presentations
2 Video productions
1 Short story
17 Grants totaling $5,013,518 for 3 to 5 years

Teaching

During the Fall, 2001 semester LLSS faculty taught 58 courses and 27 were taught by part time instructors. Of these 85 courses 50 were for undergraduate teacher preparation. During the Spring 2002, 58 courses were taught by LLSS faculty and 23 courses were taught by part time instructors. Of these 81 courses 35 were for undergraduate teacher preparation.

LLSS faculty and instructors use a variety of evaluation systems, including those which are more qualitative than quantitative. For those that do use the ICES form of evaluation the average rating is 5.5.

Professional Service
Service on 3 editorial boards
Service on 9 national advisory boards
Service as referees for 8 journals and book reviewers
Service on 4 national organization standing committees
5 reviewers for AERA
Service on 18 local state, community, boards/committees

University and College Committee Service
Service on 9 university committees
Service on 16 college committees

Significant Developments

The department conducted three national searches during the year. Two of the searches yielded four new hires for the department in the areas of Reading/Reading Assessment and Educational Thought and Sociocultural Studies. The Social Studies search was canceled due to the small pool of applicants.

Integration of teacher education and the partnership program into the department administration structure has been a primary focus this year. A special committee consisting of members from the Department of Educational Specialties and the Department of LLSS came together to work on ways of integrating the programs.

The department coordinated the Graduate Student Colloquium for the third year in which graduate students are given to the opportunity to present their research among their peers and in preparation for national presentations.

Chris Sims was recognized with the prized Ramon Santiago President's Award at the National Association for Bilingual Education conference for her work in Language Revitalization.

Lois Meyer continued her work on a Spencer Foundation grant titled "Tequio Pedagogico: Pedagogical collaboration in community. "

Betsy Noll received recognition with an award for the first Harvey Foundation Graduate Faculty Mentor from the Office of Graduate Studies.

Greg Cajete and Betsy Noll were on sabbatical for fall and spring semesters, 2001-2002.

Leroy Ortiz has brought in $1,215,763 to the Multicultural Education Center and worked with LLSS faculty to educate students seeking teacher licensure, endorsements, masters and doctoral level degrees to teachers throughout the state.

Anita Pfeiffer was elected President of the National Indian Health Scholarship Committee under the Department of Health and Human Services.

Don Zancanella was on sabbatical for spring semester 2002.

Sylvia Celedon-Pattichis and Lois Meyer were given positive mid probationary reviews for their tenure process.

B. Enrollments

The listing of majors report indicated the following enrollments at the graduate levels:

Fall 2001	
MA in Elementary Education	47
MA in Secondary Education	22
Ph.D. in MTCE	12
Educational Specialist	6
Ph.D. in Educational Linguistics	18
MA in ETSCS	25
Ph.D. in ETSCS	93
Totals	223

Spring 2002	
MA in Elementary Education	44
MA in Secondary Education	21
Ph.D. in MTCE	11
Educational Specialist	6
Ph.D. in Educational Linguistics	15
MA in ETSCS	26
Ph. D. in ETSCS	103
Totals	226

C. Graduation rates

Summer 2001	
MA - ETSCS	1
MA - Elementary Education	9
MA - Secondary Education	3
Ph.D. - ETSCS	2
Totals	15

Fall 2001	
MA - ETSCS	2
MA - Elementary Education	10
MA - Secondary Education	6
Ph.D. ETSCS	2
Totals	20

Spring 2002	
MA - ETSCS	2
MA - Elementary Education	17
MA - Secondary Education	8
Ph.D. - ETSCS	5
Ph.D. - Educational Linguistics	1
Totals	33
Grand Total	**68**

II. Challenges and Future Plans

The department will sponsor the 10th Annual Interamerican Ethnographic and Qualitative Symposium for Research in Education with conference attendees from across the U.S. and Latin America in October, 2002.

The LLSS faculty is committed to continue and broaden our work into the larger community of New Mexico and influence policy and legislation regarding important issues in education such as bilingual education, literacy, reading and assessment.

III. Faculty/Staff Appointments

Jean Craven was hired as a one year Lecturer in the Social Studies program to help with elementary program development and curriculum.

Dr. Eugene Garcia was a visiting faculty member on sabbatical from UC Berkeley. He worked with students and faculty and conducted several presentations/talks.

Dr. Vera John-Steiner was awarded a Sussman Visiting Professorship, at Teachers College University in New York for Fall, 2001.

Glenabah Martinez was hired as a one year Lecturer in the ETSCS program.

Mary Gurule was hired as an Administrative Assistant during the Fall semester to assist with faculty instructional needs and to develop a database.

Angie Rudy was hired as an Accounting Technician during the Spring semester to assist with the budget, bookkeeping and purchasing for the department and for grants.

Paula Pascetti was promoted to Department Administrator II level based on job duties and responsibilities.

IV. Faculty/Staff Separations

Dr. Jaime Grinberg resigned his position as Associate Professor effective August, 2001.

Dr. Pamela Rossi resigned her position as Assistant Professor effective, May, 2002.

Dr. Dan Young accepted a new position in University College.

Michael Herrmann resigned his position as Administrative Assistant effective, September, 2001.

V. Selected Publications of the Department Faculty

Ricky Allen, Lecturer

- Allen, R.L. (in press). The globalization of white supremacy: Toward a critical discourse on the racialization of the world. Educational Theory, 51(4).
- Allen, R.L. (in press). Wake up, Neo: White consciousness, hegemony, and identity in The Matrix. In S. Slaytor, S. Fein, & C. Rossatto (Eds.), The Freirean legacy. New York: Peter Lang Publishers.
- Allen, R.L. (forthcoming). Critical pedagogy and whiteness. Special edition of the Journal of Educational Philosophy and Theory on critical pedagogy and race theories.

Mary Jiron Belgarde, Assistant Professor

- Belgarde, M.J., Mitchell, R., Moquino-Arquero, A., "What Do We Have to Do to Create Culturally-Responsive Programs?: A Story about American Indian Teacher Education<" submitted to Action in Teacher Education.
- Belgarde, M.J. "Responding to American Indian Language and Culture Issues in the Southwest: An American Indian Professor's Story" submitted to Action in Teacher Education.

- Belgarde, M.J., "An American Indian Professor's Story," submitted to Questioning Authority: Issues in Academic Writing, Edited by Elizabeth Noll.

Rebecca Blum Martínez, Associate Professor

- Hernández, E.P., Takahashi-Breines, H., & Blum Martínez, R. (submitted for rerview). "Spanish in my blood": Children's Spanish Language Development in Dual Language Immersion Programs. Roca, A. & Colombi, C. (Ed.) The teaching of Spanish to Heritage Language Learners. Georgetown University Press.

- Hilton, L., Blum-Martínez, R., Sims, C. (2001) A Handbook for Language Revitalization and Language Planning for New Mexico Indian Tribes. Chamiza Foundations, Santa Fe, NM.

- Blum-Martínez, R. (in press). Parents as guardians of the mother tongue. In Soto, L.D. (Ed.) Making a difference in the lives of bilingual bicultural learners. NY: Peter Lang.

- Blum-Martínez, R., Hernandez, E., Takahashi, H., Neal, A. Santillan, M. (September 2001). Second Year Report on Language Patterns and Growth in Two Dual Language Immersion Programs: Fourth-Grade Cohorts. Santa Fe, NM: NM State Department of Education.

Greg Cajete, Associate Professor

- Cajete, Gregory A. (2001). "Indigenous Education and Ecology: Perspectives of an American Indian Educator," In Indigenous Traditions and Ecology. Harvard Center for the Study of Religion. Harvard University, Cambridge MA. Vol IV.

- Cajete, Gregory A. (2001). "U.S. Indians and the Environment: Chapter Eight", In Champagne, Duane (Ed.) The Native North American Almanac. Gail Research Inc. Los Angeles, CA.

- Cajete, Gregory A. (2001). "A Philosophy of Native Science". In Waters, Anne and John Dufour (Ed.) American Indian Thought: A Philosophical Reader. Blackwell Publisher's Limited. Oxford, United Kingdom.

Sylvia Celedón-Pattichis, Assistant Professor

- Major-Magalhães, E., Celedón-Pattichis, S. (2001). Integrating sociopolitical awareness into a teacher education curriculum. TESOL Journal,10 (1), 21-26.

Leila Flores Dueñas, Assistant Professor

- Flores-Dueñas, L., Brock, C.H., & Treviño, N. Making literacy connections with emergent bilingual readers: Examining the role of classroom talk. In Calvo, B. Delgado, G. & Reueda, M. (Eds.) *Nuevos paradigmas, compromisos renovadas: Experiencias de investigación cualitativa en educación.* Universidad Autonoma de Ciudad Juarez/University of New Mexico Press (in press).

- Flores-Dueñas, L., Brock, C.H., & Treviño, N. El desarrollo dela lecto-escritura en niños bilingües a partir de la inserción de las experiencias comunitarias en la vida escolar. In J. Gasché, M. Bertely, & Podestá, R. (Eds.) *Educación Bilingüe e Intercultural: Cómo construirla desde los usuarios. Colección maestros y enseñanza.* Argentina, Mexico & Spain: Paidós Editorial. (In press).

- Meyer, R.J., Flores-Dueñas, L., Rossi, P. Methods courses, so what? Preliminary findings of a longitudinal study. *ERIC Resources in Education* 12/2000 - (Acceptance notification Fall 2001).

Kathryn Herr, Associate Professor

- Herr, K., & Arms, E. (fourthcoming). The intersection of educational reforms: Documenting the first year in a public middle school's single sex experiment. In A. Datnow & L. Hubbard (Eds.) *Doing Gender in Policy and Practice: Perspectives on Single Sex and Coeducational Schooling.* Routledge.

- Gruenewald, D. & Herr, K. (2001). Children, youth and sustainable development. *Encyclopedia of Life Support Systems.* London, England: UNESCO

Vera John-Steiner, Presidential Professor of Education and Linguistics

- With Minnis, M. (Fall 2001). Perspectives on activity theory. Human Development.

- With Mahn, H. (In press 2002). The gift of confidence: A Vgyotskian view of emotions. Learning for life in the 21st century: Sociocultural perspectives on the future of education.

- With Mahn, H. (In press 2002). Sociocultural context to learning. Comprehensive handbook of psychology, volume 7: Educational psychology. John Wiley & Sons, Inc.

- With Mehan, T. and Shank, C. (In press 2002). Narrative co-construction of collaborative experience. Narrative Interaction. Edited by Uta Quasthoff.

- With Moran, S. (In press 2002). Creative in the Making. Creativity and Development Counterpoint Series. Oxford University Press.

Holbrook Mahn, Assistant Professor

- Mahn, H. (forthcoming). Critical periods in child development: Vgotsky's contribution. In V. Ageev, B. Gindis, A. Kozulin, & S. Miller (Eds.) *Vygotsky and Culture of Education: Sociocultural Theroy and Practice in 21 century.* Cambridge, MA: Harvard University Press.

- Mahn, H. & John-Steiner, V. (In press). The gift of confidence: A Vgotskian view of emotions. In *Learning for life in the 21st century: Sociocultural perspectives on the future of education.* G. Wells & G. Claxton. Cambridge, MA: Blackwell.

- Mahn, H. & John-Steiner, V. (forthcoming). Vgotsky's contribution to literacy research. In R. Beach, J.L. Green, M.L. Kamil, & T. Shanahan (Eds.) *Multidisciplinary perspectives on literacy research* (2nd edition). Urbana, IL: NCTE.

- John-Steiner, V. & Mahn, H. (forthcoming). Sociocultural contexts for teaching/learning. In W. M. Reynolds & G. E. Miller (Eds.). *Educational Psychology*, v. 7. Somerset, NJ: John Wiley.

Lois Meyer, Associate Professor

- Meyer, Lois M. (2001). El rol de la formación docente y la capacitación y el fortalecimiento de las lenguas y culturas indígenas. *Identidades,* No. 7 (Oct.-Dec.)

- Invitation to author a chapter for Cummins, J. and Davidson, C. (Eds.) *Handbook of English Language Teaching*, to be published by Kluwer Academic Publishers. My topic: A curriculum for meaningful instruction of English learners.

Rick Meyer, Associate Professor

- Meyer, R. (2001). Phonics Exposed: Understanding and Resisting Systematic Direct Intense Phonics Instruction. Mahwah, NM: Lawrence Erlbaum Associates. [Refereed]

- Meyer, R. (2002, in press). Captives of the script: Killing us softly with phonics. Language Arts. [Refereed]

- Meyer, R. (2001, February). Teachers as Activists: Expanding Our Job Definition. Elementary Cyberbrief 2.3, 1-5. [Invited article]

Lucretia E. Pence, Assistant Professor

- University of New Mexico (2001) College of Education Partnerships. Albuquerque, NM: MediaDesigns. A video project with S. Gradisar and Media Designs.

- The Albuquerque YWCA (2001). The YWCA. Albuquerque, NM: MediaDesigns. A video project with S. Gradisar and MediaDesigns.

- Pence, P. (Summer 2001). Report on the Focus Group Study, Unpublished Manuscript for the Mentoring Committee of the Supporting and Sustaining Teachers Initiative, UNM, Albuquerque.

Christine Sims, Lecturer

- Blum-Martinez, R., Hinton, L., Sims, C. (2001, Fall). *Native Language Revitalizaion: A Manual for Native Language Communites.*

- Sims, C. (2001, August). *The Green Book on Native Language Revitalization in Practice* by Academic Press.

Don Zancanella, Associate Professor

- "Faith Healing" (story) in *Shenandoah,* 51.1, Spring 2001, also, "Thomas Edison by Moonlight" selected for inclusion in an anthology.

VI. Selected Outside Professional Activities

Ricky Allen, Lecturer
Papers presented at Professional conferences

- Allen, R.L. (2001, March). Finding a pedagogy of the oppressor in Pedagogy of the Oppressed: The case of whiteness. Paper presented at the annual conference of the Southwest/Texas Popular Culture Association, Albuquerque, New Mexico.

- Allen, R.L. (2001, April). The achievement ideology and whiteness: "Achieving middle class" or "achieving whiteness"? Paper presented at the annual conference of the American Educational Research Association, Seattle, Washington.

- Allen, R.L., & Leonardo, Z. (2001, November). Difference and solidarity: A cross-racial dialogue for anti-racist educators. Paper presented at the annual meeting of the National Association for Multicultural Education, Las Vegas, Nevada.

- Allen, R.L., Callaway, S., & Katira, K. (2001, November). Imagining, experiencing, and critiquing, a whiteness seminar. Paper presented at the annual meeting of the National Association for Multicultural Education, Las Vegas, Nevada.

Professional activities

Manuscript Reviewer: Teachers College Record and Urban Education.
Proposal Reviewer: Conference proposals for AERA, Division G, Sections 2 & 4.

Rebecca Blum-Martinez, Associate Professor
Papers presented at Professional conferences

- Blum-Martinez, R., Takahashi, H., Hernandez, E. (2001, November). Children's Language Use in Dual Immersion Programs. La Cosecha Conference. Albuquerque, NM

Gregory Cajete, Associate Professor
Papers presented at Professional conferences

- Keynote Speaker: "Native Science: "Native Science: Natural Laws of Interdependence." 6th Annual Aboriginal Forestry Conference. February 5-7, 2001. University of British Columbia. Vancouver, BC Canada.

- Presenter: "The Role of Critical Pedagogy in Indigenous Education," The Banff Center for Aboriginal Leadership Studies. February 8-10, 2001. Banff, Alberta Canada.

- Presenter and Panelist: "A Pueblo Perspective of Indigenous Education," Bi-Annual Southwest Regional Ethnobotany Conference. March 7-10, 2001. Fort Lewis College, Durango, CO.

- Keynote Speaker: "A Pueblo View of Ecological Sustainability," Native American Fish and Wildlife Society Conference. April 4-7, 2001. Montana State University. Bozeman, Montana.

- Keynote Speaker/Presenter: "Look to the Mountain: A Vision for Revitalizing an Ecology of Indigenous Education." Building Bridges with Traditional Knowledge: International Conference on Indigenous Ethnoscience. May 27-31, 2001. Honolulu, Hawii.

- Keynote Speaker: "Look to the Mountain: An Ecology of Indigenous Education." First Annual Native American Studies Speakers Series. October 30-31, 2001. Michigan State University. East Lansing, Michigan.
- Keynote Speaker: "Look to the Mountain: A Vision for Revitalizing an Ecology of Indigenous Education." International Transformative Learning Conference. November 1-4, 2001. University of Toronto. Toronto, Canada.

Sylvia Celedón-Pattichis, Assistant Professor
Papers presented at Professional conferences

- Celedón-Pattichis, S. (2001, November). *Negotiating the placement of English Language Learners in Mathematics.* Paper presented at La Cosecha de Otoño, Two-Way Dual Language Immersion Conference, Albuquerque, NM.

- Celedõn-Pattichis, S. (2001, October). *Teaching issues in language, literacy, and culture: Voicing students' perspectives.* Paper presented at the Meeting of the American Association for Teaching and Curriculum, Denver, CO.

- Alanís, I., Celedón-Pattichis, S., & Salinas, C. (2001, February). *What is the "place" of reading and writing in the content areas?* Paper presented at the Meeting of the National Association for Bilingual Education, Phoenix, AZ.

- Celedón-Pattichis, S. (2001, April). *A case study of trilinualism: Chiquimou, Rebeccaki, Rebecca.* Paper presented at the Meeting of the American Educational Research Association, Seattle, WA.

- Celedón-Pattichis, S. (2001, February). *Implementing reform curriculum: Voicing the successes and concerns of an ESL/mathematics teacher.* Paper presented at the Meeting of the National Association for Bilingual Education, Phoenix, AZ.

Leslie Chamberlin, Lecturer
Papers presented at Professional conferences

- Attended New Mexico Library Association in Farmington. Presented a lecture on advanced library education opportunities in New Mexico to an audience of about 40 people.

Leila Flores Dueñas, Assistant Professor
Papers presented at Professional conferences

- Leila Flores-Duenas, (2001, April). *Culturally Familiar Literature and Reading Comprehension of Latino Students.* International Reading Association (IRA) Sunday Institute. New Orleans, LA.

- Leila Flores-Duenas, (2001, April). *Critical Bicultural Pedagogy: Teacher Transformation as a Two-Way Process.* American Education Research Association (AERA). Seattle, WA.

- Leila Flores-Duenas, (2001, February). *La Ciencia de mi Cultura: Bringing Home Science and Literacy Learning Together.* National Association for Bilingual Education (NABE) Phoenix, AZ.

- Leila Flores-Duenas, (2001, November). *Thank You Ms. Treviño, Ud. Me Enseño a Leer y Escribir Bien.* La Cosecha: Dual Language Education of New Mexico Annual Conference.

Kathryn Herr, Associate Professor
Papers presented at Professional conferences

- Herr, K. (Spring, 2002). Administrators mandating mediation: Tools of institutional violence cloaked in the discourse of reconciliation. American Educational Researchers Association Conference, New Orleans, LA.

Holbrook Mahn, Assistant Professor
Papers presented at Professional conferences

- Mahn, H. (2001, February 20-24). "TLC: On-Site Professional Development to Increase Teacher Effectiveness with Language Minority Students". National Association of Bilingual Education Conference, Phoenix, AZ.

- Mahn, H. (Fall, 2001). "Swan Dives and Belly Flops: Lessons from Collaborative Professional Development". La Cosecha de Otono, Fifth Annual Dual Language Conference. Albuquerque, NM.

Lois Meyer, Associate Professor
Papers presented at Professional conferences

- Meyer, L.M. (2000, October). Aprendiendo a ver, viendo para aprender: El uso de la etnografía en la formación y capacitación de maestros para la diversidad lingüística y cultural de Oaxaca. Manuscript submitted to the IX Inter-American Symposium of Ethnographic Research on Education for inclusion in the proceedings of the conference held in Mexico City, Mexico.

- Meyer, L.M. (2001, September 26-29). La formación de maestors para la diversidad en Estados Unidos de Norte América. Paper presented at the International Symposium on Teacher Preperation. Culiacán, Sinaloa, México. Manuscript is being revised for publication in the proceedings of the conference.

- Meyer, L.M., and the Coalition of Indigenous Teachers and Promoters of Oaxaca, Mexico. (2001). Nuestra Palabra en Nuestras Lenguas. A collaborative presentation presented at the Feria Hemisférica de la Educación Indígena, July 25-27, 2001. Guatemala City, Guatemala.

- Meyer, L., and Soberanes, F. (2001). Concretizar el discurso educativo: Formar y capacitar docents para la diversidad." Collaborative presentation at the International Symposium on Teacher Preperation, Sept. 26-29,2001. Culiacán, Sinaloa, México.

- Meyer, L. (2001). La formación de profesores para la diversidad en Estados Unidos de Norte América. Plenary presentation at the International Symposium on Teacher Preparation, Sept. 26-29, 2001. Culiacán, Sinaloa, México.

- Meyer, L.M., and the Coalition of Indigenous Teachers and Promoters of Oaxaca. (2001). Nuestra palabra en nuestras lenguas: Colaborando en comunidad para construir una educación bilingüe indígena alternativa en Oaxaca, México. A collaborative presentation at the La Cosecha Dual Language Conference, Nov. 7-9, 2001. Albuquerque, NM.

- Meyer, L.M. (2001). Educational research outside the cultural bubble: Coming to Know about Teaching in Rural Indigenous Mexico. Paper presented at the AERA Annual Meeting, April 10-14, 2001. Seattle, WA.

- Blum Martinez, R., Francis, N., Hamel, E., Meyer, L. and Sims, C. (2001). Crossing borders: Bilingual education in indigenous communities in Mexico and the U.S. symposium at the Annual NABE Conference. Phoenix, AZ.

Rick Meyer, Associate Professor
Papers presented at Professional conferences

- Meyer, R., Flores-Dueñas, L., & Rossi, P. (2001, December). Methods Courses, So What? Preliminary Findings of a Longitudinal Study. Paper presented at the annual conference of the National Reading Conference, Phoenix (ED 449 156). [Part of mentoring Leila, including her in research]

- Meyer, R. (2001, November). Phonics exposed: Understanding and resisting systematic direct intense phonics instruction. Presented at the annual conference of the National Council of Teachers of English, Baltimore, Md. (Proposed session [joint session with second paper by Prisca Martens], session chair, paper presented.) (Refereed)

- Meyer, R., Martens, P. & Whitmore, K. (2001, July). Literacy identities: Influences, strategies, connections, and possibilities. [Co-sponsored session of Whole Language Umbrella and Center for the Expansion of Language and Thinking. Presented at the annual conference of the Whole Language Umbrella, Chicago, IL. (Refereed)

- Meyer, R. (2001, May). Our Stories, Our Identities, and the Learning Lives of Children. **Invited keynote address** for the International Reading Association's Research Series on Teacher Researcher Funded Research. Annual conference of the International Reading Association, New Orleans, Louisiana.

Rosalita D. Castillo Mitchell, Assistant Professor
Papers presented at Professional conferences

- Mitchell, R.D. (2001, April). Demystifying the process of technology integration. Paper presented at AERA, Seattle, WA.

- Mitchell, R.D. and Swain, L. (2001, February). Comprehensive performance assessment for bilingual education and ESL teachers- based on national teaching standards. Presentation at the Annual International Bilingual/Multicultural Education Conference, Phoenix, AZ.

Lucretia E. Pence, Assistant Professor
Papers presented at Professional conferences

- Pence, L. (2001, April). Exploring What I Know: The Role of Theory in the Integration of Technology into Teacher Education. Paper presented at the Annual Convention of the American Educational Research Association, Seattle, WA.

- Pence, L. (2001, March). Sharing the Magic: Novice Teachers' Reflections on Ways of Reading. Paper presented at the National Council of Teachers of English Spring Conference.

Anita Bradley Pfeiffer, Associate Professor
Papers presented at Professional conferences

- Workshop session with the residents in Child and Adolescent Psychiatry – North Campus, Department of Psychiatry.

- Pfeiffer, A. (2001, June). Eighth Annual stabilizing Indigenous Languages Symposium: Merging Tradition and Technology to Revitalize Indigenous Language, "Development and Implementation of Navajo Teacher Education". Northern Arizona University, Flagstaff, Arizona.

Christine Sims, Lecturer
Papers presented at Professional conferences

- Presentation along with Dr. Rebecca Martinez at the National Association for Bilingual Education Conference in Phoenix, Arizona about issues of US Native language loss and revitalization initiatives.

- Presented at the Keepers of the Treasures Annual Conference in Tuscon, Arizona.

- Presented a talk at the Annual Cosecha Conference in Albuquerque, NM.

Don Zancanella, Associate Professor
Papers presented at Professional conferences

- Zancanella, D. (2001, November). *"One year: Understanding the history of the profession".* The National Council of Teachers of English Annual Convention in Baltimore.

Professional activites

Rebecca Blum Martinez, Associate Professor

- Member: New Mexico Bilingual Advisory Committee to the New Mexico State Department of Education (1991 to present).

Gregory Cajete, Associate Professor

- Board Member: International Research Institute in Maori and Indigenous Education. University of New Zealand, Auckland, NZ. (2001-2003).
- Founding Board Member: Udall Center for Public Policy Native Nations Institute for Indigenous Leadership. University of Arizona. Tuscon, AZ. (2000-Present).
- Board of Advisors: "Indigenous/Native World Views" Indigenous Maori Doctoral Program. TE WANANGA-O-RAUKAWA MAORI UNIVERSITY. Otaki, New Zealand. (1999-2004).
- Council Member: LANL Northern New Mexico Council for Excellence in Education (1996-present).
- Teacher In-Service: "Teaching the Native American Student." Sunny Side School District/ U of A Native American Studies Community Education Out-Reach Program. Tuscon, Arizona. December 10, 2001.
- Presenter/Facilitator: "Traditional Knowledge and Tribal Environment Policy." University of Arizona Udall Center and Native Nations Building Institute Tribal Environmental Policy Conference. Tuscon, Arizona. December 11-15, 2001.

Sylvia Celedón-Pattichis, Assistant Professor

- Faculty Advisor for Educators for Dialogue and Inquiry (EDI)
- Reviewer- for the American Educational Research Association. Proposals for Division C2 (Mathematics Education), Second Language Research SIG, Division G (Social Context of Education), Division K3 (Teacher Education-ESL), and Bilingual Education Research SIG. In addition, manuscripts for a colleague at Teacher's College.

Leslie Chamberlin, Lecturer

- Awarded SEDL (Southwestern Educational Development Labs) grant to enhance pre-service math and science teacher education in NM. Established non-circulating collection of curriculum materials as specified by the grant. Promoted the collection to faculty here, pre-service teachers, and to APS teachers and librarians.

Leila Flores-Dueñas, Assistant Professor

- National Reading Conference (NRC), Critical Spaces Committee (Fall 2000-present).
- Reviewer of Proposals
- National Reading Conference (March 2001) on papers related to Reading/ Literature/ Culturally & Linguistically Diverse Learners/ Elementary Education.

Kathryn Herr, Associate Professor

- Continues to edit *Youth and Society*, and interdisciplinary, international journal that focuses on youth and the cultural contexts in which they develop.
- Reviewer: AERA, Div. A, Committee on Scholars and Advocates for Gender Equity, SIG: Critical Educators for Social Justice
- Appointed to AERA Standing Committee: Scholars and Advocates for Gender Equity

Vera John-Steiner, Presidential Professor of Education and Linguistics

- Consultant to Santa Fe Children's Museum and Santa Fe Institute.
- Reviewer for Grant Applications and Professional Journals:
  National Science Foundation
  National Endowment for the Humanities
  AERA
- Editorial Boards:
  Mind, Culture and Activity
  Linguistics and Education

Lois Meyer, Assistant Professor

- Chair, COE Latin American Programs in Education Advisory Committee
- COE OFAC Committee

Richard Meyer, Associate Professor

- Vice president of the Center for the Expansion of Language and Thinking (CELT), a group of literacy researchers that is selective about membership.
- NRC proposal reader.
- Research Board Member of the NMIRA.

Rosalita D. Castillo Mitchell, Assistant Professor

- *The Albuquerque Public Schools Secondary Schools Literacy Leaders Project 2000-2001*, co-authored with Britannia Glenn and Dr. Roberta Smith for the Albuquerque Public Schools and the Professional Development Collaborative.
- *The New Mexico Teacher Quality Enhancement Grant Pilot Projects 2001* for the NM State Department of Education and the NM Commission on Higher Education.
- Member of the SSTI (Sustaining and Supporting Teachers Initiative), a collaboration of the College of Education, the College of Fine Arts and Sciences, and the Albuquerque Public Schools.

- Member of the Teacher Quality Action Team, the implementation component of the Title II New Mexico Teacher Quality Enhancement Grant.

Lynette K. Oshima, Associate Professor

- State coordinator for the State Geography Bee Contest sponsored by the National Geographic Society.
- Member of the State Department of Education's the Social Studies Content Standards Panel.

Lucretia P. Pence, Assistant Professor

- Chair, National Council of Teachers of English Commission on Teacher Assessment, Fall 2001 to present.
- College Representative, Executive Board of the New Mexico Council of Teachers of English, Fall 2001 to Fall 2004.

Anita Bradley Pfeiffer, Associate Professor

- Advisory Board Member – National Indian Health Scholarship, Department of Health and Human Service, Washington, D.C.
- Advisory Board Member – Diné Teacher Education, Diné College, Tsaile, Arizona.
- Evaluation Report of the Navajo Nation Rural Systemic Initiative Project – Evaluation Team Member.
- Evaluation Report of the Annenberg Rural Challenge Learn in Beauty Project – Evaluation Team Member.

Christine Sims, Lecturer

- Workshop for participants attending the summer American Indian Language Development Institute at the University of Arizona.
- Provided a two day on-site workshop for Cherokee Language teachers from North Carolina.

- Ramon Santiago Presidents Award from NABE for dissertation work in Language Revitalization.

Don Zancanella, Associate Professor

- UNM Faculty Senate (began three-year term in September 2001)
- UNM Press Committee (began three-year term in September 2001)

VII. Outside Sponsored Research

Dr. Rebecca Blum-Martinez, Associate Professor, Bilingual Education

Intensive Spanish Institute Grant for $4,000 from the New Mexico State Department of Education, May 1, 2002 - June 30, 2002.

Dual Immersion Study Year 3 from $18,000 from the New Mexico State Department of Education, December 1, 2001 - September 30, 2002.

Dr. Leila Flores-Duenas, Assistant Professor, Language Arts

Kellogg Foundation ENLACE Hispanic Teacher Pipeline. Ongoing study of ENLACE Fellow's educational experiences (Fall, 2001 - present) $4,00,000.00

Co-Principal Investigator Preservice Teachers preparation for Teaching Reading and Subsequent Practices as Student and Inservice Teachers (1/00 - present)

Dr. Mary Jiron-Belgarde, Assistant Professor, ETSCS

Principal Investigator: Creation of an interactive CD-ROM documentary entitled "From Mission School to State Charter School: Indian Education in the 21st Century." The research project demonstrates how exemplary programs are being developed fro American Indian children through charter school funds. U.S. Department of Education

Retention of American Indian Undergraduates at UNM 1990-1996. Further Analysis of the Data," University of New Mexico, College of Education, Overhead Funds Allocation Committee.

Dr. Holbrook Mahn, Assistant Professor, Bilingual/ESL Education

U.S. Department of Education, OBEMLA Title VII Training for All Teachers, $262,300 award, September 1, 2002 - August 30, 2003

Dr. Rosalita Mitchell, Associate Professor, Secondary Education

Promising Practices for Teacher Development. Title II New Mexico Teacher Quality Enhancement Grant, $7,300, 2001-2002.

Central Region for Service Learning. NM State Department of Education and The Service Learning Corporation of America, $8,000, 2001-2002.

Co-Principal investigator, Communities of Practice for National Board Certification, New Mexico Commission on Higher Education, Teacher Quality Enhancement Grants, $100,000 annually, 2000-2002.

Dr. Leroy Ortiz, Associate Professor, Bilingual/ESL Education

Co-Principal Investigator- Awarded a five-year Title VII grant to train teachers in the are of bilingual and ESL education. Grant of $1,149,507.00. September 1998- September 2003.

Principal Investigator-Awarded a five year Title VII grant to treain teachers in the area of bilingual and ESL education. Grant of $1,149,507.00. September 1999-September 2004.

Principal Investigator-Awarded $12,000 fellowship to support a graduate student for 2001-2002 academic year. The fellowship is named after Dolores Gonzales and is funded by the Center for Regional Studies at The University of New Mexico.

Co-Principal Investigator-Awarded a five year training All Teachers Title VII grant to train teachers in the areas of literacy and English as a second language. The participants will be from the Gallup-Zuni-Farmington area and will receive an MA degree in Education: Grant of $1,152,552.00, October 1, 2001-September 30,2006.

Principal Investigator- Awarded a three year Teachers and Personnel Title VII grant to train teachers in the area of Bilingual/English as a Second language/American Indian Education. The grant will fund approximately 120 teachers at both the undergraduate and graduate levels. Grant of $705,852.00, October 1, 2002-October, 2004.

Dr. Lynette Oshima, Assistant Professor, Secondary Education

Bernalillo Hewlett Packard Wireless Mobile Computing Project, $34,500, June, 2002.

Intel Teach to the Future Program, $10,000, June, 2002.

Department of Physical Performance & Development
Annual Report
July 1, 2001 – June 30, 2002
Submitted by Mary Jo Campbell, Chair

NOV 2 8 2002
OFFICE OF THE DEAN

I. INTRODUCTION

Currently the following programs reside in the Department:
- Physical Education – Professional (PE-P)
- Physical Education – Non-Professional (PE-NP)
- Health Education
- Parks, Recreation & Environmental Education

Three undergraduate majors reside in PE-P: Physical Education Teacher Education, Exercise science, and Athletic Training. Graduate specializations with both Master's and Doctoral Degrees are: General Physical Education, Curriculum and Instruction, Exercise Science, and Sport Administration.

Health Education has two undergraduate majors, school health and community health. Specializations at the Master Degree level exist for school health and community health.

Parks, Recreation and Environmental Education has Master's and Doctoral Degree offerings with emphases in Administration, and Environmental Education. In addition there is a program of studies for Peace Corps Master's International students interested in obtaining a Master's of Arts in Parks and Recreation with an emphasis in either Parks and Recreation Administration or Environmental Education. The PREE faculty also offer a Master of Arts Degree in Elementary Education or Secondary Education focusing on Environmental Education.

Full time physical education faculty included: Mary Jo Campbell, Joy Griffin, Ernie Lange, Nancy Lough, Gloria Napper-Owen, Rob Robergs, David Scott, Rusty Mitchell, Len Kravitz, Todd Seidler, David Wittenburg and Sue Schneider. Lecturer's II, David Binder and David Montelongo, and graduate student Susan McGowen instructed courses and clinicals for the Athletic Training Curriculum. Teaching Assistants (6.41 FTE) and several part time faculty taught the PE-NP courses. One GA (.5 FTE) assisted in the Exercise Physiology Laboratories.

Health Education faculty included Bill Kane, Magdalena Avila, Liza Nagel, Mike Hammes, and Eli Duryea who served as COE Associate Dean of Research. Five TA's (2.0 FTE) and 2 part time instructors also provided instruction.

Parks, Recreation and Environmental Education faculty included Craig Kelsey, Paul Miko, and Steve Rubio.

II. STUDENT DATA

PE-P # Students in Classes

	Lower Division	Upper Division	Graduate	Total
Fall 2001	414	258	201	873
Spring 2002	326	211	196	733
Total	740	469	397	1606

Health Education # Students in Classes

	Lower Division	Upper Division	Graduate	Total
Fall 2001	576	120	82	778
Spring 2002	431	168	78	677
Total	1007	288	160	1455

Recreation # Students in Classes

	LD	UD	Graduate			Total
			EDUC	REC	CIMTE	
Fall 2001			20	53	28	101
Spring 2002			0	55	23	78
Total			20	108	51	179

PE-NP # Students in Classes

	# Students	# Sections
Fall 2001	3957	143
Spring 2002	4101	140
Total	8058	283

Undergraduate Majors

Health Education	=	34
Exercise Science	=	100
Athletic Training	=	56
Physical Education – Teacher Ed.	=	91 + 28 Post Bac.
Total PPD Department (BS)	=	319

Graduate Majors

MA in Recreation with emphasis in		
Administration	=	41
Environmental Ed.	=	17
MS in Physical Education with emphasis in:		
Exercise Science	=	12
Sport Administration	=	60
Curr. & Instr./General PE	=	4
MS in Health Education	=	38
Ph.D. in Health, Physical Education, & Recreation with emphasis in:		
Recreation	=	42
Exercise Science	=	27
Sport Administration	=	32
Curr.& Instr./General PE	=	15
Health Education	=	29
Total PPD Department (MS & MA)	=	172
Total PPD Department (Ph.D.)	=	145

Graduation Statistics (Summer 2001-Spring 2002)

Undergraduate

Health Education	=	5
Exercise Science	=	19
Athletic Training	=	10
Physical Ed.-Teacher Ed.	=	16
Total PPD Department (B.S.)	=	50

Graduate

MS in Health Education	=	11
MS in Physical Education with emphasis in:		
Exercise Science	=	5
Sport Administration	=	20
Curr.&Instr./General PE	=	0
MA in Recreation	=	8
Ph.D. in Health, Physical Education & Recreation With emphasis in:		
Exercise Science	=	3
Sport Administration	=	7
Curr.&Instr./General PE	=	4
Health Education	=	3
Recreation	=	3
Total PPD Department (MS & MA)	=	44
Total PPD Department (Ph.D.)	=	20

Graduate Inquiries, Applications, Admissions

	Inquiries	Application	Admission
MS in Physical Education with emphasis in			
Exercise Science	48	9	7
Sport Administration	122	33	27
Curr. & Instr./General PE	71	3	3
MA in Rec., EE, MIP	78	16	14
MA in Rec. – Valencia			13
MS in Health Education	46	4	3*
*Fall Inquiries, Applicants and Admissions unknown			
Ph.D. in Health, Physical Education and Recreation with emphasis in			
Exercise Science	15	6	5
Sport Administration	57	21	12
Curr.&Instr./General PE	13	3	2
Health Education	0	0	0
Recreation	12	4	3

III. SIGNIFICANT DEVELOPMENTS/ACCOMPLISHMENTS

1. A review of the HPER graduate degree was conducted by the Office of Graduate Studies. The external reviewers submitted a very favorable, positive report.
2. The Athletic Training Program underwent its 5 year reaccreditation review. We are awaiting the results from CAAHEP, the Council on Accreditation for Allied Health Education Programs.
3. A new lecturer position for the Athletic Training Program was filled. Susan McGowen will instruct courses and act as the Coordinator of the Athletic Training Program. This position is an extremely positive addition to our faculty, as previously there was no faculty member working in the Athletic Training Program. It had been staffed by part time instructors and graduate assistants.
4. The Health Education and Parks, Recreation, and Environmental Education programs joined the Department of Physical Performance and Development. For approximately the past ten years these two programs have been housed in other COE departments/divisions.
5. The Valencia Cohort 1 of 19 students (MS in Environmental Education in CIMTE) completed their degrees. Fifteen students were admitted for the Valencia Cohort II.
6. Dr. Susanne Schneider was added in January, 2002 to the Exercise Science Faculty, replacing Vivian Heyward.
7. Dr. David Wittenburg was added in August, 2001 to the Curriculum and Instruction faculty.
8. The Center for Exercise and Applied Human Physiology was renamed to the Exercise Physiology Laboratories.
9. Dr. Liza Nagel (Health Education) was awarded a sabbatical for Spring, 2002.
10. Dr. Len Kravitz (Exercise Science) received tenure and was promoted to Associate Professor.
11. Dr. Todd Seidler was awarded tenure.
12. The Health Education faculty are working with the student Health Center Peer Educator Program, which prepares students as peer educators.
13. Dr. Eli Duryea (Health Education) took the position of Associate Dean for Research for COE.
14. Dr. Joy Griffin is President of the National Association for Girls and Women in Sport.
15. Dr. Todd Seidler is Past President of the Society for the Study of Legal Aspects of Sport and Physical Activity and Past-Chair of the Sport Management council within NASPE (National Association for Sport and Physical Education).
16. The Physical Education faculty has been actively promoting collaboration with graduate students in research, presenting, and publishing. These efforts have already resulted in many joint collaborations.
17. Many new Sport Administration internship sites were established, including placement with the NFL Europe, Colorado Rockies, the PGA, and the LPGA.
18. The Sport Administration program has established an advisory board of experts including representatives from New Mexico Activity Association, APS Athletics, and the UNM Athletic Department.
19. The Sport Administration faculty have increased the visibility of their program around the state and the country through attendance and presentations at state and national conferences by each of the faculty and by several students.

20. After the Exercise Physiology Laboratories' metabolic analyzer equipment broke down due to age, the Dean of the College of Education found resources to replace this instrumentation used in all exercise science classes and student and faculty research. Dr. Robergs is just finishing the installation of these two metabolic analyzers that will be used in the Exercise Physiology Laboratories (Johnson Center and Altitude Chamber).
21. The Exercise Science graduate program has been updated on-line. Graduate students can now readily access information about program of studies, comprehensive exams, proposal hearings, final defense procedures, notification and intent to graduate and all pertinent graduation information.
22. PE-P 305, Teaching Group Exercise has been officially approved in the undergraduate Exercise Science curriculum. This course adds an invaluable practical component to the Exercise Science program, with hopes that it will enhance the career opportunities for all Exercise Science undergraduates.
23. The Exercise Science Web Intranet has gone through an overall efficiency upgrade (from assessment feedback of faculty and students) to now have much easier access for course materials, career opportunities, internships (sites, contracts, and forms), flow charts for proper sequence of research skills courses for graduate students and exercise science courses for undergraduate/graduate students. The frequently asked questions by undergraduate students regarding the programs/advisement has also been significant enhanced.
24. The Computer Technology Learning Laboratory now has three computers devoted to student learning 'outside of the classroom' to enhance the educational opportunities in the following courses: kinesiology, exercise physiology, EKG interpretation, and exercise stress testing. Statistics from PE-P 326 from Spring 2002 semester show that 68% of students were taking advantage of this computer technology learning opportunity.
25. The MS exam database of over 300 questions was given a 2002 comprehensive update of content and clarity.
26. All Exercise Science faculty are now fully using multi-media and power point in many of their required courses such as kinesiology, exercise physiology, designs for fitness, ECG interpretation, and exercise stress testing. Dr. Wilmerding is using video technology in kinesiology for students to better understand form and function.
27. The on-line (email) monthly Exercise Science News Brief that updates all students (graduate and undergraduate), PPD faculty, ES Alumni and some COE faculty about program developments, announcements, and faculty/student accomplishments now goes out to over 500 recipients. This intranet communication has greatly enhanced communication among faculty and students and increased the cohesiveness of our Exercise Science student population.
28. On the UNM Web intranet the Exercise Science program has an Online Health Web link with over 150 links to national organizations in the following areas: addictions, aging, allergies, alternative medicine, children, consumer health information, dentistry, arthritis, cancer, diabetes, heart disease, hypertension, fitness and health resources, food, nutrition, and dietary supplements, health education and wellness, health search engines, medical organizations and resources, mental health pharmacology, sleep and special health-related listings. This link has proved especially meaningful to students accessing information for research, writing and class projects and presentations.

29. After much research and review, the Exercise Science faculty presented an option proposal for the thesis and dissertation. This "Hybrid" option proposed that at the time of submission the student will actually be presenting two articles for publication: a review of literature article and a data-based experimental study. The "Hybrid" option addresses a need to make the thesis/dissertation more suitable for attaining publication of scholarly achievements by the students and faculty.
30. The Exercise Science program is one of the first universities in the nation to have a fully accredited undergraduate program in Exercise Physiology by the American Society of Exercise Physiologists. Dr. Robergs is to be commended for the many hours of work in preparing the submissions documentation.
31. One of the Exercise Science program's undergraduate students (Crystal Quintana) was accepted as an intern at the prestigious Cooper Institute in Dallas, Texas.
32. Colleen McGlone, now a MS student in the Generalist Program in Physical Performance and Development had a research internship project published in the ACSM Health and Fitness Journal: McGlone, C., Kravitz, L., Janot, J.M. (2002) Rebounding: A low-impact exercise alternative. ACSM's Health & Fitness Journal, 11-21.
33. Carrie Gashytewa, Exercise Science undergraduate student who chose to do a research internship as one of her practicum experiences, presented her study entitled, "Efficacy of a Pedometer-based Physical Activity Program on Parameters of Diabetes Control in Type-2 Diabetes" at the Rocky Mountain McNair Conference, at Colorado State University in Fort Collins, April 13, 2002.
34. The Curriculum and Instruction faculty (Gloria Napper-Owen and David Wittenburg) participated in the Shared Vision Project. As a result of this participation, they have added many technological applications in their classes.
35. Gloria Napper-Owen and David Wittenburg were extremely active in leadership positions in several professional organizations.
36. Graduate students were very active and successful regarding conference presentations and journal publications.

IV. SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

1. Seek support of the Dean, The Office of Graduate Studies, and the University administration for resources that will be used to meet the recommendations stated in the HPER Graduate Review Report.
2. Seek resources to allow faculty in this department to teach a 3/2 load.
3. We recommend that funding be available to pay faculty for graduate student advising during the summer.
4. The Health Education faculty has agreed to move forward with establishing an electronic portfolio system to assess student outcomes for graduate students. The faculty will be conducting curricular mapping to ensure matches between professional coursework and the Graduate Level Competencies of a Professionally Prepared Health Education Specialist.
5. The Parks, Recreation, and Environmental Education program plans to:
   - Improve the three year class rotation schedule
   - Investigate a main campus Environmental Education Cohort
   - Improve student information materials.

6. The Sport Administration faculty plan to work jointly on multiple publications.
7. The Sport Administration program will continue to improve the ties and collaboration with Exercise Science, Physical Education, Recreation, Health Education, Educational Leadership, and the Anderson School of Business.
8. We plan to develop an M.S. emphasis in Fitness Management.
9. The Athletic Training Program will complete revisions of its undergraduate major in order to maintain national accreditation.
10. The undergraduate physical education teacher education curriculum will be revised to meet the new requirement of a reading course
11. The Exercise Science program plans to:
    a. Continue to expand and update on-line materials pertaining to the Exercise Science program.
    b. Develop multi-media materials for all courses taught by Exercise Science faculty. In academic year 2002-2003 we plan to incorporate more video in specific Exercise Science classes.
    c. Complete for regular course offering the following topic courses: exercise endocrinology, exercise biochemistry laboratory procedures, environmental exercise physiology, and submit pediatric exercise physiology.
    d. Expand the kinesiology learning materials in the Computer Technology Learning Lab.
    e. Develop a Web site of each Exercise Science faculty member.
    f. Develop Web site for the Exercise Physiology Laboratories.
    g. Secure grants/contracts for funding research/teaching functions of the Exercise Physiology Laboratories
    h. Revise the Ph.D. physiology options curriculum.

V. APPOINTMENTS TO FACULTY/STAFF

Dr. David Wittenburg, August, 2001
Dr. Suzanne Schneider, January 2002
Carol Catania, February 2002
Majorie Gale, October 2001

VI. SEPARATION OF FACULTY/STAFF

Dr. Ernie Lange, retired February 1, 2002
Majorie Gale, February 2002

VII. PUBLICATIONS

Griffin, J. (2001, Summer) Strategic Planning. GWS News, 28(4) 2-3, 6.

Griffin, J. (2001, May-June). Energy in synergy: GWS News, 28(3), 2-3.

Griffin, J. (2001) Introduction. Volleyball Rulebook: 2001. AAHPERD.

Griffin, J. & NAGWS Executive Director (2001, June 9-11), NAGWS Strategic Planning Report. Reston, VA (pg. 1-19).

Griffin, J. Morgan K. NAGWS/WSF Report (2001) (pg. 1-6).

Hammes, M., Published a Poem: The Way; The International Library of Poetry, 2001

Kane, W., Avila, M., & Rogers, E. Communities and Culture: World Views and Natural Affiliations as the Basis of Understanding, Trust, Assistance and Support. (Chapter in The Forgotten Generation: The Status and Challenges of Adults with Mild Cognitive Impairments in America. Tymchuk, Lakin, & Lukasson (Eds.) Presidents Council on Mental Retardation. Washington, DC and Brooks Pub. Baltimore, 2001.

Kane, W., Avila, M. & Quiroz, H. Step-By-Step to Safe Schools: Preventing Violence, Harassment, Hazing and Hate Behavior, ETR Associates, Santa Cruz, 2001.

Kane, W., & Quackenbush, M. Teach & Talk: Safety and Risks, ETR Associates, Santa Cruz, 2001.

D'Onofrio, C., Quackenbush, M. & **Kane, W.** Teach & Talk: Tobacco Free, ETR Associates, Santa Cruz, 2001.

Wilson, P. Quackenbush, M. & **Kane, W.** Teach & Talk: The Subject is Sex, ETR Associates, Santa Cruz, 2001.

Quackenbush, M. Telljohann, S. & **Kane, W.** Teach and Talk: Nutrition & Activity, ETR Associates, Santa Cruz, 2001

Kelsey, Craig W., Gray, H.R., (3rd Edition) The Budget Process in Parks and Recreation AALR: Reston, Virginia

Kelsey, C.W. (2001) "Park Dedication and Land Extraction Ordinances: A Case for System Wide Impact Fees'. The Executive 30(4):18

Mayo, J., **Kravitz, L.** & Wongsathikun, J. (2001). Detecting the onset of added cardiovascular strain during combined arm and leg exercise. Journal of Exercise Physiology online. 4, 53-61.

Vella, C.A., **Kravitz, L.** & Janot, J.M., (2001) A review of the impact of exercise on cholesterol levels. IDEA Health and Fitness Source, 19(10), 48-54. IDEA Health and Fitness Source, 19(10), 48-54.

Kravitz, L. (2001). Low-back stability training. IDEA Personal Trainer, 12(9), 17-18.

Kravitz, L. (2001). Exercise and resting blood pressure. IDEA Health and Fitness Source, 12(7), 21-22.

Janot, J.M., & **Kravitz, L.** (2001). Maximizing functional abilities in the older adult. IDEA Health and Fitness Source, 19(6), 39-45.

Reynolds, J. M. & **Kravitz, L.** (2001). Resistance training and EPOC, IDEA Personal Trainer, 2 (5), 17-19.

Kravitz, L. (2001). Power abs. Australian Fitness Network, 14(1), 16-18.

Weingart, H.M. & **Kravitz, L.** (2001). Resistance training and bone mass. IDEA Personal Trainer, 12(3), 17, 19-20.

Marks, D. & **Kravitz, L.** (2001). Hormones and resistance exercise. IDEA Personal Trainer, 12(3), 17.

Lough, N & Irwin, R. (2001). A Comparative Analysis of Sponsorship objectives for Women's Sport and Traditional Sport Sponsorship. Sport Marketing Quarterly, 10(4), 16-27.

Lough, N. (2001). Mentoring Connections Between Women and Coaching. Journal of Physical Education, Recreation & Dance, 72(5), 30-33 & 46.

Lough, N. (2001). Sponsorship. International Encyclopedia of Women & Sport, Berkshire Reference Works, Great Barrington, MA, 249-253.

Lough, N. (2001). Commercialization, International Encyclopedia of Women & Sport, Berkshire Reference Works, Great Barrington, MA, 249-253.

Lough, N. (2001). No one saw it, but it happened anyway. Lessons from the Women's Sports Foundation Summit. Sports Business Journal, 4(9), 32.

Chen, S., Lane, E., **Miko, P.**, Zhang, J., & Joseph, D. "Progressive Time Delay Procedure for Teaching Motor Skills to Adults With Severe Mental retardation," Adapted Physical Activity Quarterly, 18(1), January 2001, pp. 35-48.

Kang, K.H. & **Miko, P.S.** "An Exercise Program Based on Taekwon-do Movements Improves Static and Dynamic Balance." American College of Sports Medicine Northwest Region Annual Conference Proceedings, March 2001, pp. 34-38.

Kovar, S., Ermler, K., Mehrhof, J., & **Napper-Owen, G.** (2001). Choosing activity units to promote maximum participation: Creative physical education curricula. The Physical Educator, 58(3), 114-123.

Robergs, R.A. Exercise-induced metabolic acidosis: Where do the protons come from? Sportscience 5(2). Sportsci.org/jour/0102/rar.htm, 2001 (7843 words).

Bernardi L., Passino C., Wilmerding G., Dallam G.M., Parker D.L., **Robergs R.A.**, Appenzeller O. Breathing patterns and cardiovascular autonomic modulation during hypoxia indicted by simulated altitude. J. Hypertension. 19:947-958, 2001.

Gurney B., C. Mermier, **R.A. Robergs**, A. Gibson, D. Rivero, Effects of limb-length discrepancy on gait economy and lower extremity muscle activity in older adults. J. Bone Joint Surg 83(6): 907-915, 2001.

Veltri, F.R., Miller, J., & **Scott, D.K.**, (2001). Analysis of security in campus recreation. NIRSA Journal, 25(2), 48-56.

Seidler, T. (2001). Audits in Risk Management. In Cotton, D.J., Wolohan, J. & Wilde, T.J. Law for Recreation & Sport Managers. Dubuque, IA: Kendall/Hunt Publishing Co. 303-315.

Wittenburg, D. (2001). Do physical education teachers always teach what they believe is best? (Abstract Review) Journal of Physical Education, Recreation, and Dance, 72(1), 16.

Wittenburg, D. (2001). Physical Education: Quality and need in our students' lives. Part I: Health-related Benefits. Teaching Excellence, 9(2), 1.

Wittenburg, D. (2001). Physical Education: Quality and need in our students' lives. Part II: Neurological and cognitive implications. Teaching Excellence, 9(3), 1.

VIII. PROFESSIONAL ACTIVITIES

A. Presentations

Avila, M. (2001, April). Teaching Lay Health Educators Using Community-Based Feminist Epistemology. American Educational Research Association. Seattle, Washington. Paper presentation (refereed conference).

Avila M. (2001, April) Environmental Health and Community-based Research: Developing a Research action Plan with South Valley Residents to Identify Environmental Health Concerns. New Mexico Public Health Association Conference, Taos, New Mexico.

Avila, M. (2001, October). Capturing the Environmental Health Status of Albuquerque/ Bernalillo County: An Environmental Health Study of the South Valley. American Public Health Association, Atlanta, Georgia. Refereed Presentation.

Claspell, E., Griffin, J., Hale, B. & Hall, R. (2001, October). But I already know that! Why race is excluded from the sport psychology dialogue. Presented at the 16th Annual Conference of the Association for the Advancement of Applied Sport Psychology, Orlando, Fl.

Rubin, T.R. & Griffin, J. (2001, October). Real life, issues: The experience of working with diversity issues in sport and exercise psychology. Presented at the 16th Annual Conference of the Association for the Advancement of Applied Sport Psychology, Orlando, Fl.

Griffin, J. (2001, March). Native American Culture: What every teacher and coach should know. Presented at the 116th Annual AAHPERD Convention, Cincinnati, OH.

Griffin, J. (2001, Dec.,). Invited Interview – Family Circle Magazine – Raising Our Athletic Daughters article.

Griffin, J. (2001, Nov.). Invited Participant to – National Summit on Diversity in the Teaching Force, Washington, D.C. (unable to attend – medical reasons).

Griffin, J. (2001, June). The Arrow People. Invited Speaker for The Smithsonian Series for Associate Members, Department of the Interior, Washington, DC.

Griffin, J. (2001, June). NAGWS Association Overview. Invited Speaker at AAHPERD Leadership Development Conference (LDC), Reston, VA.

Griffin, J. (2001, May). Promoting social/moral development through sport: A Native American Perspective. Invited Speaker at the Sport, Character, & Culture Conference, Mendelson Center, University of Notre Dame, South Bend, IN

Griffin, J. (2001, May). Invited Participant at the Against the Grain Forum. Mendelson Center, University of Notre Dame, South Bend, IN.

Griffin, J. (2001, Feb.) Invited Participant at the 2001 NCAA Summit on Athletic Opportunities for Minority Women, Indianapolis, IN.

Hammes, M., Mental, Emotional and Spiritual Health Presentation: National US Public Health Services/Indian Health Services, Albuquerque, July 14th, 2001.

Paper Presented (Refereed) Kane, W., Soto-Mas, F., & Cote, C. Theory of Planned Behavior and Primary Prevention: Examples from a School-Based Elementary Health Education Curriculum. Presented at the World Conference of the International Union for Health Education, Paris, France. July 2001.

Kelsey, C.W. (2001) "Q-Sort Models in Master Plan Development". Paper presented at: The National Executive School of the NRPA. (Nov.) Santa Fe, NM

Kelsey, C.W. (2001) "Economic Impact Study Methodology". Paper presented at: The NRPA Pacific West Regional Conference. (Aug.) Los Angeles, CA

Kelsey, C.W. (2001) "Financing Master Plan Action Strategies". Paper presented at: The NRPA National conference. (Oct.) Denver, CO

Kravitz, L. (2001) "History of Fitness'. Paper presented at: The Southwest ACSM Chapter 21st Annual Meeting, (Nov.) Salt Lake City, UT

Kravitz, L. (2001) "New Exercise Science Research". Paper presented at: International Aquatic Fitness Conference, (May) Sanibel, FL

Kravitz, L. (2001) "Exercise Science Review, How to Build a Website, Resistance Training for Women, Periodization Training, Voyages of a Fat Cell, Personal Training Panel Discussion". Topics presented at: The Canadian Association of Fitness Professionals Fitness Summit. (Aug.) Toronto, Canada

Kravitz, L. (2001) Kcals, METs, Watts and VO2, Ultra Abs & Back: New Research. Topics presented at World Fitness IDEA 2001, (July) San Francisco, CA

Kravitz, L. (2001) Interactive Muscle Physiology, Current Controversies in Exercise, Fat Metabolism and Exercise Performance, The Science and Application of Resistant Training, Exercise Adherence and Motivation, Periodization Training: Innovative Resistance Design. Topics presented at EnForma International Fitness Convention, (June) Lisbon, Portugal

Kravitz, L. (2001) The Physiology of Resistant Training, Exercise Science Review, Voyages of a Fat Cell, Interactive Fat and Carbohydrate Metabolism, Interactive Muscle Physiology. Topics present at FILEX Fitness and Health Lifestyle Convention, (June) Sydney, Australia

Kravitz, L. (2001) The Physiology of Resistance Training for Women, Current Controversies in Exercise, Optimizing Weight Management through Exercise, Periodization Training: Innovative Resistance Exercise Design. Topics presented at Canadian Personal Trainers Network, (May) Toronto, Canada

Kravitz, L. (2001) The Physiology of Resistance Training for Women, Advanced Flexibility Training, The Science and Application of Resistance Exercise, Current Controversies in Exercise. Topics present at ENAF Fitness Convention of Brazil, (April) Pocos de Caldas, Brazil

Kravitz, L. (2001) Current Controversies in Exercise, Voyages of a Fat Cell, The Physiology of Resistance Training for Women, The Science and Application of Resistance Training. Topics presented at Tresfit 2001, (March) Barcelona, Spain

Kravitz, L. (2001) The Physiology of Resistance Training for Women, Voyages of a Fat Cell, Ultra Abdominals and Back: Research and Program Design. Topics presented at ECA World Fitness (March) New York, NY

Kravitz, L. (2001) Kcals, METs, Watts and VO2, Comparative Analysis of Intensity Monitoring Methods, Voyages of a Fat Cell. Topics presented at IDEA Personal Trainer International Summit (Feb) New York, NY

Kravitz, L. (2001) Interactive Energy Expenditure, Periodization Training: Innovative Resistance Exercise Design, Optimizing Weight Management through Exercise Performance, Current Controversies in Exercise. Topics presented at Eastern Canada Fitness Conference (Feb) Montreal, Canada

Scott, C. & Lough, N. (2001, June). A Web Based Approach to Sport Management Research, Research paper presented at North American Society for Sport Management, Virginia Beach, VA.

Miller, G., Lough, N. & Grappendorf, H. (2001, June). The Capstone Experience. Presentation at North American Society for Sport Management, Virginia Beach, VA.

Miko, P., (February 16, 2001) Environmental Education Association of New Mexico, Albuquerque, New Mexico. Invited presentation on "Professional Development Strategies for Environmental Education in New Mexico Public Schools."

Miko, P., (February 22, 2001) Peace Corps Fellows/USA Convocation, Washington, DC. Presentation on "1991-2001: The UNM Fellows Program – From Inspiration to Reality."

Miko, P., (September 13, 2001) New Mexico Recreation and Park Association Annual conference, Taos New Mexico. Presentation on "Strengthening Balance Abilities As We Grow Older."

Napper-Owen, G. (March, 2001). Mentoring beginning physical education teachers. Paper presented at the Annual meeting of the American Alliance for Health, Physical Education, recreation and Dance, Cincinnati.

Napper-Owen, G., Sinclair, C., Lonning, G., & Caiozzi, N. (March, 2001). Utilization of technology to enhance motor skill analysis. Paper presented at the Annual Meeting of the American Alliance for health, Physical Education, Recreation, and Dance, Cincinnati.

Nagel, L., (November, 2001). 12th Annual National Executive Development School, Santa Fe, New Mexico Invited Presenter: Grantwriting I and Grantwriting II.

Nagel, L., (September, 2001). National Recreation and Park Association Pacific Marketing and Revenue Sources Management School. La Jolla, California, Invited Speaker: Grantwriting: Show Me the Money and Creating Healthy Recreation Workplaces (Cancelled 24 hours prior due to national crisis).

Robergs, R., (October 2001). Invited Presentation: "Biochemistry of Metabolic Acidosis", ASEP National Meeting, Memphis, TN.

Robergs, R., (October 2001). Invited Presentation: "Exercise Physiology in Australia", ASEP National Meeting, Memphis, TN.

Robergs, R., (October 2001). Research Presentation: "Validity and Reliability of the Accusport Blood Lactate Analyzer", ASEP national Meeting, Memphis, TN.

Scott, D.K., & Lough, N. A web-based approach to Sport Management Research. (2001, June). Presented at the 2001 North American Society for Sport Management conference, Virginia Beach, VA.

Veltri, F., Miller, J., **Scott, D.K.**, & Gillentine, A. Analysis of Sport Management Websites: What do they tell us? (2001, June). Presented at the 2001 North American Society for Sport Management Conference, Virginia Beach, VA.

Wittenburg, D (2001). Orienteering Towards Critical Thinking. Southwest District AHPERD Conference Park City, UT, June 22.

B. Professional Offices

Griffin, J.: National Association for Girls & Women in Sport (NAGWS) – President, 2001-2003.

Griffin, J.: NAGWS Executive Committee

Griffin, J.: NAGWS Delegate Caucus

Griffin, J.: NAGWS Rep. – AAHPERD Delegate Assembly Reviewer for Strategies Women's sport Foundation – Education/Research Council

Griffin, J.: AAAASP – Diversity Committee

Kane, W.: Vice President, Health Education Foundation. North Carolina

Kane, W.: Vice President for conferences, NARO, International Union for Health Promotion and Education, Paris, France.

Kane, W.: Member, Scientific Program Committee – Annual Meeting 2001, American Public Health Association, Washington, DC.

Kane, W.: Program Planner – Indigenous Health – Annual meeting 2001, American Public Health Association meeting in Atlanta.

Kane, W.: Member, Pollock Scholarship Committee, American Association for Health Education, Reston, VA

Kane, W.: Member, Investment Committee, American Alliance for Health, Physical Education, Recreation and Dance, Reston, VA

Kane, W.: Chair, Planning Committee, American School Health association 2001 Annual Meeting.

Lough, N.: NASPE/NASSM Sport Management Program Review Council. January, Reston, VA

Lough, N.: Vice President, Physical Education – New Mexico Alliance for Health, Physical Education, Recreation & Dance.

Miko, P.: Re-elected to the Board of Directors of the Environmental Education Association of New Mexico (2001-2002).

Miko, P.: Re-appointed to the Aging Commission of the International Council for Health, Physical Education, recreation, Sport, and Dance (2001-2002).

Napper-Owen, G.: Past-Chair of Professional Education Division, Southwest District of the American Alliance for Health, Physical Education, Recreation and Dance.
Napper-Owen, G.: Chair, Council on Physical Education for Children (COPEC), National Association for Sport and Physical Education, American Alliance for Health, Physical Education, Recreation and Dance.

Napper-Owen, G.: President-elect, New Mexico Association for Health, Physical Education, Recreation and Dance

Napper-Owen, G.: Vida Encantada, Newsletter Editor, New Mexico Association for Health, Physical Education, Recreation and Dance.

Napper-Owen, G.: COPEC representative on the COPEC/MASSPEC Summer 2001 Conference Planning Committee, Kansas City, MO.

Robergs, R.: American Society of Exercise Physiologists; Committee chair – International Committee, National Meeting Committee.

Robergs, R.: American Society of Exercise Physiologists; Committee membership – Accreditation, licensure, Certification, and Research Committees

Rubio, S.: Member, Planning Committee BAEEC Conference.

Seidler, T., President and Member of Executive Committee, Society for the Study of Legal Aspects of Sport and Physical Activity.

Seidler, T., Chair and Executive Council Member, National Association for Sport and Physical Education sport Management Council.

Wittenburg, D., President-elect, NMAHPERD.

Wittenburg, D., Vice-President, Exercise Science and Sport Division, SWD AHPERD.

C. Journal Reviewers

Robergs, R.: Editor-in-Chief, Journal of Exercise Physiology$_{online}$.

Seidler, T.: Journal Reviewer, Journal of Legal Aspects of Sport.

Seidler, T.: Journal Reviewer, Journal of Physical Education, Recreation and Dance.

Seidler, T.: Journal Reviewer, International Journal of Sport Management.

D. Honors/Awards

Griffin, J.: 2001 USOC Registry (US Olympic committee)

Kane, W., Certificate of Appreciation. American Association for Health Education, April, 2001

Kane, W., Certificate of Appreciation, UNM Student Health Center, 2001.

Napper-Owen, G., Honor Award Recipient for the Southwest District of the American Alliance for Health, Physical Education, Recreation and Dance.

E. Community Based Efforts

Avila, M. A South Valley Environmental Health Survey: Community Based Research (Completed Fall, 2001) Bernalillo Environmental Health Department.

Avila, M. (2001, September). Culturally Relevant Alcohol and Substance Abuse Service Models Integrating a Traditional Approach. The Second annual Dona Sabinita Herrera Healing Conference, Espanola, New Mexico.

Avila, M. (2001, May) Cultural Sensitivity and Competency in AI/AN Communities. Indian Health Services National Nutritional Seminar. Albuquerque, New Mexico.

Avila, M. (2001, April) Environmental Health and Community-based Research: Developing a Research action Plan with South Valley Residents to Identify Environmental Health Concerns. New Mexico Public Health Association Conference, Taos, New Mexico.

Griffin, J., Ongoing service/consulting to Kirtland Elementary School (APS)

Griffin, J., Ongoing services to Albuquerque Women's Community Association (Shelter for Domestic Violence)

Hammes, M., Assisted in the planning of the "What's New in Breast Cancer" conference sponsored by Lovelace Health Systems; October 25th, 2001

Hammes, M., Assisted in the planning with Lovelace Health Systems the Anita Salas Memorial Golf Tournament; August 25th, 2001

Hammes, M., Stress Management Presentation: Intel Corporation, August 21st & 23rd 2001.

Kane, W., Proposal Reviewers, New Mexico State Department of Health Tobacco Cessation Programs

Kane, W., Unpaid Consultant, White Mountain Apache Tribal Diabetes Prevention Program, Whiteriver, AZ

Kane, W., Unpaid Consultant, Navajo Family Health, Inc. Window Rock, AZ.

Kravitz, L., Coordinated School Health Agenda program committee: APS Presentation, Fall 2001

Kravitz, L., Advisor to Santa Ana Pueblo: Fitness Prescription and Assessment, Fall 2001

Nagel, L., Project Evaluator, Smart Choices, Deming, New Mexico. Crate and implement a comprehensive evaluation plan for this substance abuse prevention project serving primarily Hispanic families in the rural community. September 2001 to present.

Nagel, L., District 4 Prevention Planning Committee, Mescalero, New Mexico. A 6 hour workshop on Grant Writing. September, 2001.

Nagel, L., Ruidoso School District. A 3 hour workshop on Risk and Resiliency. September, 2001.

Wittenburg, D. (2001). Value of Physical Activity for Children and Adolescents. School Health Education Institute. Opening keynote. Albuquerque, NM October2.

Moore, J. & Wittenburg, D. (2001). Scope and Sequence of Secondary Physical Education School Health Education Institute. Albuquerque, NM, October 2.

Wittenburg, D. (2001). Assessment of Quality Physical Education, Administrative Intern Seminar. Albuquerque, NM, November.

Wittenburg, D. Chair, Advocacy Section, Healthier Schools Coalition.

IX. GRANTS/SPONORED RESEARCH

Campbell, M.J., National Youth Sports Program, 2002, $86,669.

Lough, N., University of New Mexico – College of Education OFAC grant, An Evaluation of the Wings of America Program, $1000.00

Miko, P., DeWitt Wallace-Reader's Digest Fund in support of the Pathways to Teaching Careers/Peace Corps Fellows Program, $44,716.

Nagel, L., Principal Investigator, New Mexico Department of Education demonstration grant. Integrating the Healthier Schools New Mexico Model of Coordinated School Health into pre-

service Education Programs) (a revision of an earlier proposal) submitted by W. Kane). Completed Spring, 2001. Budget $5,000.

Seidler, T., OFAC Grant, High School Sports officials Perceptions of the Current Officiating Environment in Secondary School Athletics - $640.

Wittenburg, D. Principal Investigator, CDC Media Grant for Physical Activity in Youth. Awarded amount: $70,000.

Wittenburg, D., USTA Development Grant, Awarded amount: $1,600.

INSTITUTE FOR PROFESSIONAL DEVELOPMENT
ANNUAL REPORT
JULY 1, 2001 – JUNE 30, 2002

The Professional Development Collaborative became the UNM College of Education *Institute for Professional Development* (IPD) in January 2002. The name change was a result of a two-year study of the organizational structures within the college, led by Dean Viola Florez. In examining the vision, mission and work of the Collaborative it was decided that it best fit the University's definition of a Center/Institute.

Along with the other centers within the college, the role and responsibilities of the director and the reporting and accountability structure were clearly defined. The Institute for Professional Development director reports directly to the Dean, and is responsible for carrying out the IPD vision and mission.

The ***Vision*** of the Institute for Professional Development is:

"The IPD will foster improvement in teaching and learning in New Mexico's diverse k-16 schools by increasing the knowledge and skills of our New Mexico educators."

The ***Mission*** of the Institute for Professional Development is:

**To create, to support and to foster utilization of a regional network of resources for effective professional development of educators;*

**To establish and maintain a dynamic relationship between the UNM College of Education, other colleges within UNM, other New Mexico Universities, community and districts and schools;*

**To nurture lifelong learning for teachers, administrators and COE faculty*

**To Provide opportunities for educators to address issues of educational equity and access for all learners.*

The one major change that has occurred because of the *Institute* designation is that the organization must be become self-supporting in the future. (The timeframe has not yet been established). This change will require the staff of the IPD to become aware of the need to procure grants, to consider charging for services, and to find other ways to generate funding. The director of the Institute is sensitive to this fact and is building expenses into grants already in the IPD.

This year, in order to increase the visibility of the IPD and its capacity to serve the educational committee, an Institute Web Site (www.unm.edu/~PDC) was created. The web site contains the basic information regarding the Institute, applications for Professional Development Credit courses, information about other IPD programs, and links to UNM sites, in particular the APS/UNM/ATF Partnership. The web site has the capacity to run surveys on line and to conduct data analysis. Eventually, it is anticipated that the site will host professional development courses or link to a UNM host for those courses.

SUMMARY OF YEAR TWO

This second annual report for the IPD is organized around the five (5) major functions of the IPD, which address the Vision and Mission.

I. Share Expertise
- *A. Facilitate shared expertise*
- *B. Assist existing programs to form affiliations with other professional development programs/organizations*

II. Design and Implement Professional Development Experiences
- *A. Provide graduate credit for professional development experiences*
- *B. Collaboratively design programs to meet the specific needs of educators*

III. Assist in Creation and Dissemination of New Knowledge about Professional Development

IV. Connect with State/National Professional Development and Research Organizations

V. Identify and Access Finances Resources

Under each function, the activities and accomplishments of the IPD for the 12 month period (July, 2001 through June, 2002) are discussed.

FUNCTIONS:

I. Share Expertise:
A. Facilitate shared expertise

The IPD has continued to involve COE faculty who desire to work with practicing professionals in the field, on research projects, and other activities of the IPD. This year, almost a third of the COE faculty has participated in one of the above. Attached is a recent power point presentation, which outlines the specifics of the involvement. (See appendix A.)

B. Assist existing programs to form affiliations with other professional development programs/organizations

The IPD sees as one of its functions to encourage collaborative professional development programs among colleges, districts and teachers. Because of the already formed networks, the IPD has been able to bring the right people together in order for them to coordinate efforts, to build connections and to development joint programs among organizations. This year the IPD has supported:

Strengthening and Sustaining Teachers Initiative

The Institute for Professional Development continued to direct The Strengthening and Sustaining Teachers Initiative (SSTI).The SSTI is a collaborative effort of the UNM

College of Education, College of Arts and Sciences, Albuquerque Public Schools, and the Albuquerque Teachers Federation, its purpose is to provide a continuum of support for the professional growth of teachers (pre-service – induction – advanced professional development). The pre-service links between the College of Education and the College of Arts and Sciences were made stronger through the Freshman Learning Community course, co-taught by COE and A&S faculty. IPD consultants documented the impact on the students in the course. (See Appendix B.)

Literacy Symposium

The pre-service and beginning teacher support links between the College of Education and the public schools were strengthened through the Literacy Symposium held in April. The purposes of the Symposium were to: a) facilitate a conversation between APS and UNM-COE regarding reading instruction, to b) develop a common understanding of reading instruction in the schools, and to c) define the process for continuing the collaborative conversation about reading instruction among the organizations. The Symposium was very well received, and the SSTI partners have committed to continuing the dialogue and the joint work in the area of literacy. See Appendix C.)

Cooperating Teachers Institute

A third activity of SSTI will occur in August, 2002. An Institute for Cooperating Teachers will be held. The purposes will be to; a) reinforce the ties between the college of education faculty and the teachers who work with the student teachers, to b) provide cooperating teachers with mentoring skills, and to c) enhance the student teaching experience for participants. The plan is to continue the collaboration through a series of meetings during the school year.

Umbrella Committee

A major impact of this grant has been the formation of the "Umbrella Committee," which has met on a monthly basis to discuss issues around teacher professional growth. The members of the committee are; Vi Florez, Dean of the College of Education; Beth Everitt, Interim Superintendent, Albuquerque Public Schools; Wanda Martin, Associate Dean College of Education; Ellen Bernstein, President, Albuquerque Teachers Federation: Roberta Smith, Director, Institute for Professional Development and Marilyn Davis, Program Manager for UNM/APS/ATF Partnership. Although the grant cycle is completed the committee members are committed to continuing their collaboration and to providing resources for the work.

Mentoring Program

The director of the IPD worked with APS to secure $350,000 for a mentoring program. The director of the IPD became aware that the money was available to the district. But, because of some bureaucratic misstep, the responsible parties at APS were not aware of the opportunity. The director brought the availability of funding to their attention, helped fill out the paper work and is presently on the committee to design the immediate as well as future programs. This effort enhances the work of the partnership

(ESC) mentoring program and provides for opportunity for a wider conversation around the issues of mentoring.

National Writing Project

The IPD staff is working with the National Writing Project to re-instate the program at UNM. The IPD hosted the visit of a representative from the National office and a team has been formed which will write the proposal for renewed funding. When granted, the Writing Project will be coordinated out of the IPD and will be directed by a COE faculty member.

Other Programs

The director of IPD served on a committee which submitted a grant to NSF for a project which will involve all of NM's universities. The IPD will represent the UNM College of Education, if funded.

The IPD coordinates closely with the COE Office of Development in conceptualizing and designing potential Professional Development projects and programs. Presently, grants targeted are with Hewlett Packard and Exxon.

II. Design and Implement Professional Development Experiences

A. Provide graduate credit for professional development experiences

A major goal for the IPD for the year has been to increase the visibility and number of Professional Development Credit courses (PDCC). In the first year of managing the PDCC (2000- 2001), the IPD increased the number of courses from nine (9) to seventeen (17) – 89% increase. This year (2002 – 2002), the number of courses has increased from seventeen (17) to forty-two (42) – an additional **147% increase!!** What is most exciting about the increase is that the course applications are coming from a wide variety of people and organizations. The Albuquerque Teachers Federation has submitted several applications, as have faculty members, teachers, school districts and most recently KNME.

The Professional Development Credit Council, which oversees the course offerings, has had consistent and hard working membership. The council has revised the application form to better reflect a clearer understanding of professional development standards and the necessary assessment components.

With the increase volume of courses, the IPD has been fortunate to have competent assistance in the form of a graduate assistant (20 hours a week). She has organized and shepherded the paperwork through the process. The financial commitment of the Dean's office to this endeavor is vital.

Under the PDCC, another innovation this year, is the introduction of the first Advanced Professional Development Certificate. In conjunction with the Early Childhood faculty, a Full Day Kindergarten Certificate is in place. The course work starts this summer.

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The next steps for the PDCC are not only to continue to increase the number of course applications, but to be pro-active and to offer professional development courses on line. To that end, the staff of the IPD has participated in workshops and sessions on webCT, and is planning a pilot with the Advance Professional Development Full Day Kindergarten Certificate.

B. Collaboratively design programs to meet the specific needs of educators

The IPD is known for its staff's expertise in designing programs and preparing proposals and budgets to fund these programs. The IPD is also known for its expertise in implementing programs. Because of these qualities, other organizations, especially Albuquerque Public Schools, have asked for help in all aspects of program management and implementation. This year, the IPD has managed or co-managed:

1. Lucent Learning Communities. This was the second year of IPD management of the $1,000,000 grant from the Lucent Foundation. The grant, in years one and two, supported training and study groups for 40 coaches, 400 teachers in 7 schools, APS support staff (75-100), and 15 UNM clinical and management staff. The program is so successful that a huge demand for critical friends groups emerged from other school sites. APS has decided that Lucent Learning Communities (now renamed Collaborative Learning Communities – CLC) process meets the criteria for effective professional development and will expand the program to 15 additional schools in 2002-2003. The funders are also pleased with the success of the Albuquerque program, and are granting an additional $332,000 for 2002-2003. At this time, the IPD is in negotiations with APS to manage both the grant component of the CLC and the district's new initiative. This translates into a program which will serve over 1,000 APS teachers.

2. The Secondary Schools Literacy Leaders program is a collaboratively managed and implemented program. Through funding secured in 2000 by the IPD, a highly successful program for secondary schools literacy leaders in APS was begun. Because of its success, APS decided in 2001 to incorporate the program into its operational budget. The role of the IPD changed to that of technical assistance, serving on the design team for the program and providing the evaluation component. During Spring, 2002, IPD worked with a design team made up of Literacy Leaders (teachers), and APS staff to plan a Summer Institute (June, 2002) for 45 Literacy Leaders. Funding for the Institute was provided by the IPD.

APS has the Literacy Leaders in their budget again for the 2002-03 school year. The staff of IPD and COE faculty members will continue to serve on the design team and provide the evaluation for the project.

3. The Full Day Kindergarten Institute. In recent years, the NM State Legislature has funded full day kindergarten classes, especially in high poverty areas. Although the support from the legislature is greatly appreciated, the districts and

schools required twice as many kindergarten teachers in a time of a teacher shortage. The teachers needed to learn how to design full day kindergarten programs that are developmentally appropriate for 5-6 year olds. The director of the IPD approached the CEO of Wells Fargo about diverting funds he had promised for secondary literacy to a new program for preparing teachers for this new, and exciting challenge. He quickly agreed and the Full Day Kindergarten Institute, with a two week summer seminar, and follow up sessions for fall 2002 and spring 2003, was designed. Implementation began with the summer institute held June 17 – 28, 2002.

III. Assist in Creation and Dissemination of new Knowledge about Professional Development

The IPD has a contract with APS to document its reform agenda and accompanying institutional structure modifications. The district is committed to bringing decision making and resources closer to schools. A major component of the reform is to place a Cluster Leader Principal (CLP) in charge of each of the twelve clusters. The CLP is responsible for both the cluster and for his/her individual school. Because the structure is new and untried, APS has asked for assistance in understanding its impact on the clusters, schools and students. This project is an important component of the research function of the IPD. Four faculty members as part of the research team, have had an opportunity to connect with the schools and will potentially be able to publish major articles in the field of school leadership.

In addition, the IPD has deliberately engaged several graduate students in research projects. They have been given opportunities to learn through a hands on approach to conduct research. Examples include:

A. Doctoral student who is part of the APS cluster reform agenda research team. She has participated in the planning meetings, conducting interviews, and analyzing the data.
B. Doctoral student is piloting a survey for the Lucent grant. She is organizing the pilot, determining the sample, and will be analyzing the data and reporting back as to changes that may be needed to the survey.
C. Doctoral student has gathered both quantitative and qualitative data on two IPD initiatives and has authorship for the two reports generated from her work.
D. Doctoral student's dissertation is on the effect of the Secondary Schools Literacy Leaders on student learning.
E. Others have helped to design surveys and collect data.

Publications and Presentations:

Mitchell, Rosalita *(2002) Evaluation of the Secondary Schools Literacy Leaders Project.* Emphasis is on the effect of the program on student learning. Data has been collected. Dr. Rosalita Mitchell will write report. Anticipated publication date – July 1, 2002

Glenn, Britannia and Roberta Smith (2002). *Albuquerque Lucent Peer Teaching Initiative. Year two Report*

Ahonen, Pirkko (2002). *Freshman Learning Community Year One Report.*

Ahonen, Pirkko (2002). *Literacy Symposium: Proceeds and Recommendations.*

Smith, Roberta (2002). *Student Teacher Placement Study: School Status and Student Teacher Placement Patterns*

House, Ann and Roberta Smith (2002) *Critical Friends Groups and Student Achievement. (To be published in July 2002.)*

IV Connect with State/National Professional Development and Research Organizations

The IPD works with the National Commission on Teaching America's Future (NCTAF). The IPD is a member of the NCTAF Urban Partnership that supports urban school reform and educational policy development.

IPD and its predecessor (BOEPAD) have supported New Mexico teachers who wish to sit for National Board Certification since the first year of certification. The experiences of the New Mexico teachers have shaped (and continue to) shape several revisions in the certification process. At this time, two of New Mexico's Board Certified teachers (supported by IPD) sit on the Board for the National Board for Professional Teaching Standards. In November, 2001 we were notified that 12 of the teachers supported by a IPD grant were certified. During 2002 – 2003 school year, the IPD, jointly with the NM State Department of Education, have sponsored 16 new teachers working for certification. The results of their efforts will be known in November, 2002.

The director of IPD is a member of the Executive Board of the Academy for Educational Leadership. This organization provides professional development opportunities for administrators and teachers in central New Mexico.

The director of the IPD sits on the Board of the Northern New Mexico Council for Excellence in Education. This organization focuses on professional development, especially in the areas of math and science, for teachers in rural school districts in northern New Mexico. At the present time, the IPD is in conversation with the NMCEE about establishing a Center for Professional Development, to be jointly planned with other state universities and Los Alamos National Laboratory.

V. Identify and Access Financial Resources:

In the second year of the IPD, one of the major successes has been the help that IPD has given to organizations in identifying and accessing financial resources. The involvement of the IPD in the Lucent Peer Teaching Initiative ($350,000), the Secondary

Schools Literacy Leaders Project (additional $50,000) is documented in previous sections of the reports.

In addition, this year, the IPD, with the assistance of Dean Florez and the COE Development Office, obtained funding for the Kindergarten Program from the McCune Foundation ($15,000).

The director of the IPD worked with a statewide task force to craft an NSF grant for Math and Science Education. If funded, a portion of the funds will be managed by the IPD.

APS has expressed its gratitude for the assistance of the IPD in securing funding for a mentoring program with the district ($337,000).

The director of the IPD worked with the Development Office to submit a grant to Hewlett Packard to support the COE Math and Science Project.

Presently, the IPD is working with Dean Florez and the Development Office to submit grants to Exxon and Carnegie.

In summary:

The Institute for Professional Development has addressed each of its functions through a series of comprehensive, wide-ranging activities. The success of the IPD can be gauged by the large number of faculty involved in its programs; by the number of programs managed by the IPD; its ability to identify professional development needs and to design and implement programs to meet those needs; its large increase in the number of PDCC courses; by its research publications; its involvement in state and national initiatives; and its ability to shine a spotlight on the professional development outreach efforts of the College of Education.

At this time, it is important to acknowledge the work of the staff of the Institute for Professional Development. Without their dedication to the support for professional growth of faculty, public school teachers and administrators, we would not be able to enumerate the above listed successes. Brita Glenn has been responsible for the entire implementation of the Lucent grant and Secondary Schools Literacy Leaders grant. Ann House has handled all the details connected with the PDCC courses and the various components of the Strengthening and Sustaining Teachers grant. Eva Quesnell has supported all of us and has kept the paperwork flowing – not skipping a beat.

The coming year is a transitional year for the Institute for Professional Development. The director is retiring. After much thought and consultation with faculty and constituents, Dean Florez has decided to conduct a national search for a new Director. Because a search of this type will take a year, an interim Director will be appointed.

The Interim Director will need to:

1. Establish an Institute for Professional Development Advisory Board. The Center directors, at a spring, 2002 meeting laid out the recommendations for membership and the roles and responsibilities for the Board. Each of the College of Education Centers is expected to have a board in place by fall, 2002.

2. Continue the implementation and management of the various grants already within the Institute.

3. Design and implement Literacy Symposium follow up sessions.

4. Continue and strengthen its connections with state and national organizations.

5. Continue to support the research efforts of the Institute.

6. Manage the PDCC and its increasing number of course offerings. Continue to investigate the possibilities for web based course offerings and courses originating from this office.

7. Work with faculty, districts, organizations and funders to expand the Full Day Kindergarten Advance Professional Development to other districts in NM .

8. Continue to assist the college and faculty in obtaining grants that will support teacher professional development, and to work with other organizations on collaborative grants.

9. Continue to work with state and local educational agencies to develop supportive policies for teacher professional growth.

10. Be ready to respond to requests of faculty, districts, schools for assistance in professional development matters.

11. Write grants to support the work of the Institute for Professional Development.

Submitted by:

Roberta F. Smith, Ed.D
Director

June 21, 2002

APPENDIX A

Institute for Professional Development And COE Faculty Involvement

INSTITUTE FOR PROFESSIONAL DEVELOPMENT

FACULTY AND SCHOOL INVOLVEMENT

Summary Slide

- Summary Slide

Summary Slide

- PDCC

PDCC

- Professional Development Designed *For, By, and With* Educational Professionals
- Designed to provide timely, client-driven quality professional development
- Facilitated by highly accomplished educators from schools and university

PDCC

- Rose Mitchell Teresa Kokoski Donna Lockner
- Karen deMoss Richard Van Dongen
- Ann Madsen Quincy Spurlin Richard Kitchen
- Kathyrn Watkins H. Mahn
- Ellen Bernstein
- Teachers

Cluster Principal project

- To document the effectiveness of the new organizational structure in APS
- To conduct research about principal leadership roles
- To provide technical assistance to APS in the area of leadership development

Cluster Leader Project

- Judith Ponticell Carolyn Wood Karen deMoss
- Bruce Noll Sharon Ball Bobbie Smith
- Beth Everitt Joey Vigil Susie Peck

Kindergarten Certificate Program

- To design and implement a 12 hour Advanced Professional Development Certificate for Kindergarten teachers
- To prepare highly accomplished teachers to teach full-day kindergarten
- To establish a sustainable learning community for those teachers

Kindergarten Certificate Program

- G. Engelbrecht Baji Rankin
- Cathy Gutierrez-Gomez Chris McCormick
- Heather Delear
- Lots of people from APS

SSTI

- To develop a partnership for systematic support for professional growth of teachers
- To jointly work to connect the phases of teacher development growth – creating professional learning communities

SSTI

- Vi Florez Rose Mitchell Penny Pence
- Lyn Oshima Don Zancanella Tom Keyes
- Jean Casey Marilyn Davis Ann Claunch
- Wanda Martin Tim Moy
- Colston Chandler Kay Krause
- Beth Everitt Ellen Bernstein 5 teachers
- 5 Principals

Lucent Learning Communities

- Develop collaborative learning communities in COE, Schools, Districts and Union
- Make one's practice public with the goal of improving student achievement
- Use protocols in Collaborative Learning Communities (study groups)

Lucent Learning Communities

- Pam Rossi Brita Glenn Jean Casey
- Jennifer Yazawa Susan Payne Judi Franzak
- Rosemary Fessinger Sue Lloyd Rudi Miera
- Janet Montoya Schoeppner Teri Sheldahl
- Donna Thompson Ann House
- 400 APS teachers Union group
- District supervisors

Secondary School Literacy Leaders

- Provide professional development for all literacy leaders in secondary schools
- Expand literacy to all content areas

Secondary School Literacy Leaders

- Don Zancanella Lyn Oshima Rose Mitchell
- Penny Pence Wanda Martin Breda Bova
- Jennifer Yazawa Brita Glenn
- 60 Literacy Leaders
- Beth Everitt Leah Gutierrez Jiny Duran-Ginn
- Mary Bretting-Miller Julie Ambrogi
- Sara Sanchez

Cooperating Teachers Seminar

- To provide support for cooperating teachers
- To provide professional development of cooperating teachers
- To develop stronger links between COE and the Schools

Cooperating Teachers Seminar

- Rose Mitchell Roberta Marquez C. Simmons
- Other support teachers
- 75 cooperating teachers

Literacy Symposium

- To facilitate a conversation between APS and UNM regarding reading instruction
- To develop a common understanding of reading instruction in the schools
- To define the process for continuing the collaborative conversation about reading instruction

Literacy Symposium

- Vi Florez Rick Meyer Leila Flores-Duenas
- Marilyn Davis Tom Keyes Wanda Martin
- Student teachers First year teachers
- Beth Everitt Ellen Bernstein
- 75 APS teachers

Other Activities

- Peter Winograd - State wide initiatives
- Polly Turner – Early childhood
- Lois Meyer - outreach
- Jay Parkes & Joe Stevens – Evaluation Reports Teacher Surveys, etc

APPENDIX B

Freshman Learning Community Course

Albuquerque
Strengthening and Sustaining Teachers Initiative

FRESHMAN LEARNING COMMUNITY YEAR ONE REPORT

Written by
Pirkko Ahonen
April, 2002

Published by
Albuquerque Strengthening and Sustaining Teachers Initiative
Institute for Professional Development, UNM College of Education,
Albuquerque, NM 87131
505-277-1999 – www.unm.edu/~pdc

Freshman Learning Community
Educ 183-202,
Introduction to Education in New Mexico

INQUIRY INTO A COLLABORATIVELY TAUGHT UNIVERSITY COURSE

Introduction

EDUC 183-202 was a UNM Learning Communities Freshman Seminar (Introduction to Education in New Mexico) taught by Lynette Oshima, Ph.D., Assistant Professor, College of Education and Tom Keyes, Ph.D., Coordinator of the APS/UNM Teacher Enhancement Program. The seminar was linked with ENGL 101-202, Composition I: Exposition, offered by the College of Arts and Sciences.

This course was intended for "those who are considering teaching as a possible career but also for students who simply want a chance to think about the processes of teaching and learning. The philosophy of the seminar was based on the idea that education experience should be "shared, not isolated", to promote shared, collaborative learning experiences among students across the linked classrooms. Furthermore, the class was taught at a College of Education building. This helped familiarize students with the COE setting, an important issue in a large university.

Study methods and results

A qualitative study was conducted. The project comprised of individual interviews, document reviews and pre- and post-surveys. An initial survey was given students in EDUC 183-202 in the beginning of the semester, during the second week of classes. A post-survey was conducted during the last week of classes. Students had a choice to remain anonymous but a majority chose to report their names. Consequently it was possible to track individual perceptual changes that took place from pre-survey to post-survey.

The purpose of this study was to document and describe the UNM Learning Communities course, EDUC 183-202, Introduction to Education in New Mexico. The study was also designed to gain an understanding of the relevance of this seminar to Teacher Preparation, as well as to gain an understanding of the elements of student choices in taking the seminar.

Background of Learning Communities

What is Freshman Learning Community?

According to some researchers, most students' experience of universities is as isolated learners. Students typically take courses as detached, individual units, one course separated from another in both content and peer group, one set of understandings unrelated in any way to what is learned in other courses. Typically there is little academic or social coherence to student learning.

Three aspects are inherent to Learning Communities philosophy:

1. Shared knowledge; by requiring students to take courses together and organizing those courses around a theme.
2. Shared knowing; seeking to involve students both socially and intellectually.
3. Shared responsibility; to become responsible to each other in the process of trying to know.

Learning Communities seek to restructure the students' classroom experiences and alter the way students experience the curriculum and learning. Block scheduling used in Learning Communities courses enables students to take courses together. Two courses are generally linked together to promote shared, collaborative learning experiences among students across the linked classes. These two classes are taught together (one of them is usually a Freshman Seminar) with a group of students taking classes together. A team of faculty members work collaboratively to coordinate their courses. Freshman Learning Community (FLC) at University

of New Mexico is an experimental program, currently in its second year. The program is overseen by Joel Nossoff, the Director of New Student Programs at UNM University College.

Learning communities require the collaborative efforts of all parties. To be effective, Learning Communities require their faculty to take on very active roles, to collaborate on the content and pedagogy of the linked courses. They have to work together, as equal partners, to ensure that the linked courses provide the students a coherent shared learning experience. One of the many benefits of the collaboration is that the faculty can come to discover the many benefits of looking at one's work with fresh eyes.

The stated focus of the Learning Communities is on being proactive in freshman success, on building a foundation for all freshmen. This is believed to be achievable by providing and creating social and academic support. Faculty involvement provides opportunity for support, communication, and interaction.

What is a UNM Freshman Seminar?

A small-group class with typically at most 25 students. A class is taught by faculty from across academic disciplines. The classes are designed to provide a personal and stimulating introduction to the intellectual life at UNM and are focused on a specialized or interdisciplinary topic and provide a unique educational experience open to all freshmen students that usually requires no advanced preparation or prerequisites.

UNM has a strong freshman writing program. Freshman Seminars are about thinking, about how to think, not what to think, about critical thinking... so combining writing with the seminar has been the logical choice. Writing is focused on thinking, content, and actual writing skills, and is stimulated by the seminars linked with the English courses.

The first year (2000-2001 academic year) of the Learning Communities UNM offered 4 of these courses. The interest grew, and during the second year (2001-2002 academic year), 17

courses were offered. University College received 26 proposals for these courses and had funding for 8. The Dean of University College managed to find funding for 17 courses.

Course description

The Freshman Seminar, Introduction to Education in New Mexico (EDUC 183-202) was outlined as a course that would offer an introduction to a study of teaching and learning which would encourage students to examine four questions: "1. How have your past experiences as a student supported or interfered with your learning? 2. What conditions in your UNM classes are most likely to support your learning? 3. What did you learn about education from observing teachers and students in school and classroom? 4. How can you put to use what you know about good teaching and learning to improve your own education at UNM?"

The course description further stated that the best teachers and students are most aware of their own learning. "This course invites you to become conscious of your own learning processes, the learning processes of others and the ways in which this knowledge can be used..."

Some of the course objectives outlined in the syllabus include:

- To examine our past experience as students.
- To use our insights into authentic teaching/learning as lenses.
- The above two goals are intended to deepen student self-awareness of themselves as learners.
- To consider the complex role of the teacher, who must have knowledge of children/learners, knowledge of content, knowledge of the ways in which to engage students in order to make skills and content accessible, and knowledge of the ways learning can be assessed.

- The students will also engage in field experiences and visit a public school classroom where the students are required to engage in observations. Conversations about the experiences with one of the instructors will also be required.

This was the first UNM Learning Communities course that involving the College of Education. During Freshman Orientation, a COE representative advised those students who expressed interest in COE to enroll in this seminar class. Consequently all students in the class could be assumed to have had some interest in teaching as a profession.

The class was taught at a COE building, which helped familiarize students with the COE setting, an important issue in a large university.

Student information:

In the beginning of the semester the seminar had 22 students, all of them freshmen, majority of them from Albuquerque. Twenty-one of the students graduated from high school in May of this year and one student a year earlier. All were full time students and all but two were taking 15 or more credits this semester.

In the beginning of the semester the students started with exploring how they felt about learning in High School, followed by critique of learning experiences, first their own, then of others, what works and what doesn't. Students observed teaching in public schools and at UNM. They critiqued and differentiated between good and poor teaching.

The seminar instructors sent out a questionnaire to students in EDUC 183-202 prior to start of semester. A few of the items on that questionnaire have relevance to this inquiry: Question 4. Describe an experience you have had as a "teacher". Who did you teach (or coach) and what was satisfying and/or difficult about the experience? Student responses included examples of both formal and informal experiences. Formal teaching experiences included

student teaching, tutoring, teaching religious classes, and work in educational and daycare settings. Informal teaching experiences included being a role model for younger siblings, friends, and classmates.

Question 6 of the instructors' questionnaire asked: "School is only one place in which to learn. Other than school, where else have you experienced significant learning?" Student responses provided an array of learning settings indicating students' awareness that learning takes place in a variety of realms. Responses included such settings as working, playing sports, church, television, family and interaction with others, and relationships in general. Poignant answers were provided by two students who stated "We are taught by those around us", and "relationships with other people teach you about yourself and the world and feelings."

Pre-survey:

A pre-survey was conducted in the beginning of the semester. All students filled out the survey. Information gleaned from the initial survey included:

- Overwhelming majority of the students stated that they plan to become teachers.
- The participants rated their understanding of what it is like to be a teacher on a scale from 10 to 0 ('I totally understand' to 'I have no idea'). The mean rating was 6.7.
- The participants also rated how they view the teaching profession, on a scale from 1 to 10 (Very Negatively to Very Positively). The mean rating was 8.4.
- The participants reported that the following factors influenced their choice to take this class: 1. Advisor recommendation during Freshman Orientation, and 2. Small class size.

Pre-survey questions:

The following questions were answered by the students in EDUC 183-202:

1. *Please briefly describe your career goals, even if very tentative.*

All students indicated a teaching or coaching goal, with several simply saying that they want to teach. About half of the students indicated interest in teaching elementary school. The rest planned to teach High School, Kindergarten, pre-school, or special education. A few of the students had clearly given much thought to the area of teaching interest. One student stated plans to become a "High School history/chicano studies teacher" and another to teach "experimental theatre or short films and History and Theatre."

2. *Do you foresee becoming a teacher at some point in your life? Please explain.*

Everyone in class responded 'yes', or "definitely". Some of the reasons given included "teachers are one of the most important influences in a persons life" and "the idea of teaching children seems the most important thing I can do", and "to teach is the greatest gift one can give", and "my dream job".

Question 3 asked the students to *rate their understanding of what it is like to be a teacher*, on a scale from 10 (I totally understand) to 0(I have no idea). Twenty-one students answered this question with answers ranging from 10 to 3.5, and a mean of 6.705.

Question 4 asked students to *rate how they view the teaching profession*, on a scale from 0 (very negatively) to 10 (very positively). The answers ranged from 6 to 10, with a mean of 8.357.

5. *How did you choose to take this class, Educ183-202 (i.e., what lead to the decision and what influenced your choice)?*

Most of the students responded that their COE advisor recommended the class during orientation (13 sited this specifically). Answers also included: "I thought that it sounded like an appropriate course to take that would help me understand education a little more, opportunities for observing and spending time with kids and learning types interested me so I signed up", "I wanted to get into Education as soon as I could because it is a subject that interest me

significantly", and "I wanted to start Education right away and this is the only class offered to freshmen."

Post-survey:

Students filled out a post-survey during the last week of the semester. All but 3 students returned the survey and answered the following questions:

How have you benefited by taking EDUC 183-202 seminar?

Reported benefits ranged from increased confidence with reading and writing skills, to increased understanding of the teaching profession and more clarity regarding career choice. Benefits were derived via observing and learning from the teachers, via assignments (such as a writing assignment "Do I want to be a teacher?"), and via interaction with peers. The small class size and personal interaction were sited by several students as facilitators of learning.

Other student responses included "I learned that education is huge and a complex problem", "I have benefited because it allowed me to enter the college of education before my junior year. It helped give me an idea of what I am getting myself into." The seminar appears to have provided students with insight into the teaching career. One student wrote "I have become more proud of becoming a teacher" and another "I understand more of the pieces involved with teaching". Others stated "This course has made me really think hard about being a teacher", "It has helped me to decide if I truly want to be a future educator", and "I received a better understanding of what is going to be required of me as a teacher".

Would you recommend this type of course to freshmen who have tentative plans to become teachers? Why?

The majority of students answered yes, they would recommend the course. Reasons given ranged from the small class environment, to how the class facilitates research, reading, and

discussing education, and this class being the only opportunity the university offers to explore education before junior year and can help students decide if they would like to be a teacher.

Suggestions given by the students who would not recommend the course to others as well as some who would included the following:

- The class should have more interaction with schools, and the teachers.
- The course should have regular trips to different schools more than just twice.
- The class should be geared more towards what a teacher does, and what goes on in an educational atmosphere.
- A student-teacher program to either go along with or after this class would help apply the information effectively.

Do you think that you better understand College of Education as a result of having taken EDUC 183-202?

Most of the students did not think that the class had helped them to know more about COE or the concrete steps in becoming a teacher. However, they understood that this seminar was focused on teaching and learning in general. The students recommended more discussion on COE and COE requirements, but also felt that they now knew that they could talk to the seminar instructors to obtain assistance.

In the post-survey the students were again asked to rate their current understanding of what it is like to be a teacher. This time the answers ranged (on a scale from 10-'I totally understand' to 0-'I have no idea') from 10 to 1.5, with a mean of 6.194. Compared to students' ratings early in the semester (mean of 6.705) the post-survey results indicate a slightly lower overall understanding of the teaching career. This may be indicative of clearer understanding of the complexities of teaching profession which could account for the lower mean. Based on

matching the surveys (75%), a majority of the students rated their understanding (of what it is like to be a teacher) the same, slightly higher, or significantly higher in the end of the semester. However, a small number of students rated their understanding as significantly lower, impacting the mean.

Similarly, the students were asked how they now view the teaching profession, on a scale from 0 (very negatively) to 10 (very positively). Answers ranged from 2.5 to 10, with a mean of 6.639. The post-survey mean differs significantly from the mean rating given early in the semester (8.357). About half of the matched pre- and post-surveys indicated the same or slightly higher rating of their perceptions of the teaching profession. The greatest discrepancies were found in the unmatched (no names provided) surveys, and slight declines were reported in about half of the matched surveys. This may be indicative of students' increased awareness of some of the frustrations inherent in teaching profession. However, the reasons for the mean difference are not known.

What else was learned

The opportunity to take an Education course during the Freshman year appears to have been a positive experience for most of the students. They had a chance to explore and evaluate their personal philosophy of learning and teaching. As a result many of the students came to a deeper understanding of what kind of teachers they would like to become. Furthermore, they came to be more aware of their personal teaching philosophies and the complexities inherent in the career of a teacher. Although the post-survey did not explicitly ask students if they were still planning on a teaching career in the end of the semester, it can be deduced from the student answers (some of them overtly addressing this) that for many students this class provided a forum for solidifying their career decisions to become teachers.

Other apparent benefits of this seminar include student contact with COE (COE Tech Center is the location of the classroom). The students will likely continue to utilize COE facilities since they now are connected to it. Lasting benefits to the students also include their contact with the seminar instructors, COE faculty. This program has also provided support to the students who can't get the support elsewhere.

Student constraints appeared to include time constraint. All but 3 of the seminar students work while going to school fulltime. This time constraint must impact students' preparation, priorities, and focus now and in preparing for their careers.

Regarding logistics, one complicating factor with this class has been the fact that one of the instructors (the English course) teaches another class during the first 1 ¼ hours of the 2.5 hour block. Consequently the faculty team was not able to use creative ways of blocking the time between the seminar component and the English component. More field experiences would have been extremely useful for the students, but due to the time constraints brought about my the block schedule, it was not possible.

Concerns were raised regarding the 'legitimacy' of the seminar class in the eyes of the University. The seminar part of the paired course does not appear to count toward any graduation requirements for the students (general education requirements, COE requirements, or electives). This impacts the legitimacy of the Education course.

Implications for COE

Learning Communities program is costly. University College pays $4000 per semester per freshman seminar, and an additional $1000 to the English instructor (whose salary is paid by English department) and seminar faculty to attend a faculty institute in the summer. The seminar instructors generally are fulltime faculty members, who teach the freshman seminar outside of their general duties. In order to assure longevity and success of Learning Communities courses

funding needs to become institutionalized. Additionally, ongoing COE involvement with support, collaboration, and funding, could be crucial to the longevity of this effort.

The EDUC 183-202 course was an experiment. The instructors have expressed an interest in continuing with this kind of work if opportunity arises. Since the Learning Communities courses are only offered during fall semester and funding is not guaranteed, they express interest and will apply to do this again in the fall 2002.

Some changes to marketing and description of these Learning Communities courses could prove useful. Advisement of all students should include descriptions of Learning Communities courses. In COE, freshmen could be welcomed to COE with an open house; with offering of a couple of introductory education courses.

Several of the students expressed satisfaction with being able to take an Education course early in their college experience, during Freshman year. Since the normal sequence of entering teacher education does not allow for exposure to COE until the beginning of Junior year this opportunity was significant. In light of student comments and the potential for using Freshman Education courses like this as recruiting tools, those involved in Teacher Preparation at UNM should explore the possibility of expanding these type of courses to serve more students who express early interest in a teaching career. Furthermore, Education courses such as EDUC 183-202 could prove to be useful for students who are undecided regarding their career goals. Overall, it appears that this seminar caused students to examine their Teacher Education related career plans, and provided them with opportunities to gain greater understanding of what makes an effective teacher. The seminar could easily be redesigned to fit other education related topics. Also, the seminar could be designed to be used as a recruiting tool for those Freshmen who have not yet decided on a career goal. According to Peter White, the Dean of University College, last year 472 students who were advised by the University College reported being undecided about their career goals.

Sources

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Appendices

A. Pre-survey (August 2001)

B. Post-survey (December 2001)

Appendix A

SSTI questionnaire to students of:

Freshman Learning Community: Educ 183-202, Introduction to Education in New Mexico

Dear EDUC 183-202 student:

1. Please briefly describe your career goals, even if very tentative:

2. Do you foresee becoming a teacher at some point in your life?

3. Please put an x in the location along the continuum that best reflects your level of understanding of what it is like to be a teacher?

|----------|

I totally understand I have no idea

4. How do you view the teaching profession? Please put an x in the location along this continuum that best describes your attitude:

|----------|

Very negatively Very positively

5. How did you choose to take this class, Educ183-202 (i.e., what lead to the decision and what influenced your choice)?

Optional – but helpful to us:
Your name _____

Thank you!

Pirkko Ahonen
SSTI – ABQ Local Researcher
pirkko@unm.edu

Appendix B

SSTI questionnaire to students of:
Freshman Learning Community: Educ 183-202, Introduction to Education in New Mexico

Dear EDUC 183-202 student:

1. How have you benefited by taking EDUC 183-202 seminar?

3. What part of the Seminar has been most helpful to you?

4. Would you recommend this type of course to freshmen who have tentative plans to become teachers? Why?

5. Do you think that you better understand College of Education as a result of having taken EDUC 183-202?

6. Now that you have taken this Education Seminar, please put an x in the location along the continuum that best reflects your level of understanding of what it is like to be a teacher?

|----------|
I totally understand I have no idea

7. Have your views of the teaching profession changed taking this Education Seminar? Please put an x in the location along this continuum that best describes your current attitude:

|----------|
Very negatively Very positively

Optional – but helpful to us:

Your name _____

Thank you!

Pirkko Ahonen
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APPENDIX C

SSTI Literacy Symposium

Strengthening and Sustaining Teachers (SST) sponsored Literacy Symposium
Albuquerque, New Mexico
Report – prepared by Pirkko Ahonen

A Literacy Symposium was held in Albuquerque, New Mexico, on April 13th 2002. The Saturday Symposium was a whole-day event, from 9am to 3pm, held at the Sheraton Hotel. The seventy-five participants for the event included teachers and principals from Albuquerque Public Schools, faculty members and staff from University of New Mexico, Albuquerque Public Schools personnel, and representatives from the Albuquerque Teachers Federation. Approximately two thirds of the participants were teachers and related professionals (teachers, instructional coaches, resource teachers, and two student teachers). Many of the SSTI Umbrella Committee members also took time from their weekend to support this event by their attendance and participation.

The inspiration for the Symposium arose from the perceived discrepancy between teacher preparation (at UNM) and teaching reading in the classroom. The common perception appears to be that UNM prepares teachers of reading very theoretically, but in practice teachers encounter a variety of reading instruction models in the classroom ranging from loosely constructed framework to very prescriptive modes of teaching reading (Success for All – SFA).

The objective of the Symposium was to facilitate a conversation between Albuquerque Public Schools and University of New Mexico regarding reading instruction and to develop a common understanding of reading instruction in the schools. Furthermore, the aim was to define the process for continuing the collaborative conversation about reading instruction among the organizations. The Symposium was an important step toward these goals.

Participants filled out evaluation forms at the end of the event. The evaluations indicated that most participants found the event and its collaborative nature very useful. The program consisted of presentations and group discussions. The group discussions generated "hot" questions for the presenters as well as a list of recommendations for future collaborative endeavors.

Questions generated by Symposium participants:
Questions posed by participants of the Literacy Symposium (see Appendix for a complete list of questions) fell into two main categories: questions directed to UNM (approximately 41) and questions directed to APS (approximately 20). Other questions focused on (in order of occurrence) activism/legislation, bilingual education, induction, and parent involvement.

Of the questions directed to UNM, the majority focused on UNM Teacher Education reading pedagogy, with many questions regarding the new reading methods course. A large number of questions also centered on general Teacher Preparation topics.

It appears from the nature of the questions posed that additional communication is needed aimed at clarifying information regarding how teachers are trained at UNM
Topics covered in the questions include

- Connection/communication between teacher education at UNM and needs of the teacher in the classroom (especially in the first few years).
- Learning from the experiences of newly prepared teachers to inform teacher preparation.
- Consistency of teacher preparation across the many cohort groups.
- Bilingualism and student diversity.
- Standards
- UNM role in Professional Development

Literacy Symposium participants express a need for clarification on components of Literacy training at UNM, as well as on how decisions are made regarding what is included in such training. UNM philosophy on teacher education should be available to interested parties. In addition to the philosophy, detailed information regarding the components of teacher preparation is needed.

In the questions directed to APS teachers request coherent knowledge and understanding of what mentoring support is available. Questions were also raised on whether or not stipends could be made available for mentor teachers and what other kind of support is available for those doing the mentoring (mentoring mentors).

Other questions directed to APS included:

- Teachers' voice in decision making.
- School level support of new teachers and veteran teachers.
- Creating professional environment in schools.
- Practical issues with developing, implementing, and carrying out models of teaching literacy.

Participants also found it important that educators influence legislation and intervene with policy regarding literacy and other educational matters. This necessitates that teachers have a clear understanding of how educational policies (and standards) impact them and how the community of educators can communicate with legislators about legislation and policy.

Recommendations generated by Symposium participants:
Literacy Symposium participants' recommendations (see Appendix for a complete list of recommendations) concerning the structures and processes that could facilitate collaborative work between UNM and APS generally fall into the following themes:

1. Enhanced dialogue between APS and UNM.
2. Collaborative lobbying to effect legislation (APS teachers, the Union, UNM, and legislators should be included in the conversations).
3. Include student teachers in in-service events, and in conversations in general.
4. Expand partnering to include parents, support staff and others.

5 Create an advisory board for Teacher Education, comprised of practitioners and principals.
6. "Flow of information" (for example: using Instructional Coaches, Literacy Leaders to disseminate information).
7. Learning from first-year teachers to inform Teacher Education.

Most recommendations appeared to focus on importance of ongoing conversations between the University and teachers; the importance of including all that are impacted in these conversations; and the importance of influencing legislation.

The focus of ideas arising from participant recommendations appears to reinforce the need to form a Literacy Task Force (as planned by Albuquerque SSTI) consisting of representatives from all partner entities. Further, it is important to include representatives from all affected groups in Literacy conversations: teachers (including student teachers), principals, legislators, and parents. Questions generated by participants of the Literacy Symposium could be used to start Task Force conversations and issues discussed in such forums should be communicated to even wider audience. Furthermore, Albuquerque SSTI could undertake the creation of a model for Symposiums/processes that can be used, not only for enhancing Literacy education, but other content areas as well.

Program

Bobbie Smith, Director, Professional Development Collaborative, UNM College of Education:
Welcome, introductions, and description of SST, which sponsors the Symposium.
PURPOSES OF THE SYMPOSIUM:
- to facilitate a conversation between APS and UNM regarding reading instruction
- to develop a common understanding of reading instruction in the schools
- to define the process for continuing the collaborative conversation about reading instruction among the organizations.

Viola Florez, Dean, UNM College of Education:
Conversations on reading have been ongoing. What is the best way to involve all children in reading. Some children succeed academically and some do not and reading is one of the critical areas. Not all children are easy to teach. Knowing how to reach all children and to teach them to read is a very complex process.
This is a conversation that needs to include all involved, UNM – preparation of teachers; APS – the teachers, teaching, PD... The continuum of teacher development; the continuum of support; the continuum of conversations.

Ellen Bernstein President, Albuquerque Teachers' Federation:
Multiple pressures, multiple perspectives on teaching reading. Some pressures from the federal level; some from the state level; some from the district level. District has encouraged a balanced approach. Decisions made in the classroom become political.

We need to come to a collaborative understanding of the best perspective for teaching reading. There is pressure at the University level and at the teacher level, generated by various factors, to teach reading in one structured way to every child.

UNM COE panel presentation. Leila Flores-Duenas:
New Mexico has a unique population and this has implications to teaching reading and learning reading. More voices have come into the forefront of reading instruction. In the past, UNM had several courses addressing literacy; recently just one reading methods course, and another one is starting presently.
Stated goals for teachers of reading.
1. UNM students will learn a variety of philosophical approaches and practical strategies to teaching and learning reading.' Reading programs focus on comprehending texts, the structure of language and the sound system. Research based – most if not all research in literacy journals are qualitative studies, yet qualitative research was not included in federal requirement of scientific based research (comment: this may not be an accurate conclusion).
2. UNM students will learn about teaching students from culturally and linguistically diverse backgrounds.
3. UNM students will learn about teaching students with learning differences (unique learning abilities and special needs).
4. UNM students will learn assessment practices and their and implications.
5. Students will develop an understanding of the integral relationships between home, school, and community in the effective literacy development of all children.
6. UNM students will learn and be knowledgeable about the local, state, and national standards for the teaching and learning reading.

Rick Meyer, Professor, University of New Mexico:
Story of a child who did not know how to read or write. Teaching is about the relationship, and caring and loving environment. Student needs to know how a reader reads; what is the role of the teacher in the process.

Yvette Groves, Teacher Education student, near graduation: presentation on the four systems of reading process.
Her goals for the reader. Importance of identification with the text (for the reader).

Marcella Chavez, Elementary Education student:
How teachers should teach based on our knowledge of the process of reading. Specific reading programs. She feels ready, based on UNM teacher preparation, to teach any reading program, and use her knowledge of the reading process to tailor the instruction to the needs of the students.

Aura Acabal, first-year teacher:
She explained her reading teaching methods she uses in bilingual classes (80% Spanish speakers, 20% English), methods she had learned in the teacher education program.

Aida Homs-Rivera, first-year teacher:

She explained how she teaches reading (the process) to Spanish-speaking children.

New Mexico State Department of Education representative (intended speaker, Sharon Dogruel could not attend). *Kathleen Yarbrough, from APS Teaching and Learning systems*: Overview of changes in legislation. Accountability and its implications for assessment and teaching reading. Requirement for PD for all teachers K-12.

Albuquerque Public Schools panel:
The speakers outlined reading programs/philosophies that facilitate balanced literacy: Success for All – used as the reading model at Emerson. Overview of the program. Teachers at the site reviewed various reading programs, 80% voted for SFA (4 years ago). Students are placed in homogenous reading groups based on initial assessment (Spanish and English). Assessments continue at regular intervals. The program has five major components. Thematic units – pre-reading – and so on. Tutoring program is integrated into the process. Academic, social, and emotional needs are assessed, to facilitate learning reading. Training and ongoing support for the program. 'Prescriptive' program – according to the presenter, this is not a prescriptive program, but rather a structured one with regard to order of the process. SFA is a program that for the most part everyone in the system needs to use – basically mandatory. The presenter concluded by stating that this is only one way to look at literacy, not the only one, and works for some students and some schools, not all.

Balanced literacy as scaffold for what the individual students come into reading with. Implementation needs a strong teacher philosophy. "Brain-based" research; teachers need to be familiar with this. Cambourne's conditions applied to literacy learning. Vygotsky's ZPD.

Framework that provides a balanced approach to literacy. 4-block framework for self-selected reading.

Small group discussions – for conclusions, see the beginning of this report – for complete listings of questions and recommendations generated by Symposium participants, see Appendix.

Closing remarks
Beth Everitt, Assistant Superintendent, Albuquerque Public Schools:
On partnering. Keeping the commitment to work collaboratively among the partners. Good partners advocate together. Multiple pressures. We can't let political pressures alter the meaningful practice of teaching reading. Leadership of APS committed to respecting teachers' voice.

Appendix

SMALL GROUP DISCUSSIONS:

1. In small groups, each individual shared a few of their "burning questions" arising from the presentations. Each group decided on 1 to 3 most "pressing questions." The questions were written on a sheet of paper. Each table (via spokesperson) asked their question of the panel members. The time allowed for some, but not all, of the questions to be discussed. (The reason for asking the questions in this rather anonymous way was to facilitate voicing of difficult or controversial questions that might not be otherwise asked.)

"What questions do you have about what you heard from the presenters?"

Q: Regarding bilingualism; timeframe for children to move into the second language?
A: If child comes to school with language models learned at home and school, they will transition into English rather easily. Importance of developing literacy initially in the first language of the student.
Legislation: child who has been in the US more than 3 years is to be tested in English.

Q: How can UNM help teachers re: need for scientifically based reading teaching?
A: We have to be vocal and work together to figure this out – "pockets of activism". We need to be vocal with legislators.
A: Consistency at a school site, agreement among teachers, can make a difference (such as mutual belief in teaching method – SFA for example).
Comment: Student teachers appear to come out with understanding of literacy... What incentives can UNM offer to schools (bringing in current research etc.) to facilitate established teachers' learning what is currently taught teacher ed students?

Q. Foundation that students seem to be getting at UNM... Every student teacher, across all the cohorts, should have similar experience. UNM states they only have one methods course... but state offers training in diagnostics etc.
A. State mandates how many courses. Every state level change impacts the University training. It's difficult with the mandates. Now with the second method course, that is mandated by state, it will help.
A: most of courses were moved, in the 80s, from COE. Other courses are taken in A&S etc. The new state mandate is for methods course in reading. So now the mandate is for 6 hours of method.

Q. Concern for support for the well-trained new teachers once they enter the profession?
A. It is the challenge of the school to partner them with experienced teachers, and other supports. Meetings with new teachers, instructional coaches; depends on school.
A. School based collaboration program, meeting with instructional coaches and other support.
A. To build structure for supporting teachers. Teaching is one of the few professions where those new to the field are expected to do what experienced professionals do.

- more instructional coaches

Q Bilingual and ESL teachers? Are all UNM trained teachers coming out ESL endorsed? Or bilingual?
A. Not in this state. New course in place: Educating the linguistically and culturally diverse student. The course will be required by all cohorts.

Q. How UNM prepares the prospective teachers to address the diversity of students in terms of ethnicity, language, SES, age, etc.?
A. We encourage our students to visualize... Use of case study as a tool for understanding the needs of particular child(ren). We push our students to reflect.
A. Research available with 'No Child Left Behind' implies that it all boils down to the teacher, the teacher responsibility.
A: Most of policy issues are focused on fixing the university programs in teacher education or on fixing teaching. It is important for all who are involved with education to become active and have their voices heard.

Further questions generated by the participants:

- Should the focus be narrowed in methods courses? (collaborate and reflect)
- To Aida and Aura: What courses/experiences in your training at UNM were most helpful to you in your 1st year of teaching?
- To Aida and Aura: What courses/experiences were lacking – What could you have used to better prepare you?
- How can we ensure that new teachers coming into the profession are good at "collaborative" reflection and looking at student work?
- What can be/should be done at the school level to support "new" teachers into the profession?
- Where is $mentoring first year teachers? What about paying a stipend to mentors of new teachers?
- What or how does the university define reading?
- What are the "big ideas" or components of reading and how do those components appear or a supported in content throughout the school day?
- What other forms alternative assessment: criterion referenced supported and provided – trained in at UNM?
- How we can support in a particular structure or framework for balanced literacy – (bilingual) manifest or Spanish?
- How do we know all the teacher education programs are consistent in their support and quality?
- (What suggestions) or how do we ensure that qualitative assessment of literacy is included as evaluative data at the state and federal level?
- How does the community of educators influence legislators regarding reading instruction?
- Assessment of "professional" – are teachers being included in determining decisions regarding reading instruction?
- How do practitioners influence policy? How many does it take?

- Faculty's response (UNM) to new reading course and the five books from which to choose?
- Based on UNM's presentation, with commitment to standards, how is this commitment assessed for continuity and consistency across all cohorts?
- What is the level of support, particularly for new teachers, in order to keep them in the profession? What is the sustainability?
- How do we take questions we have to another level – never hear enough about what teachers are needing, never get feedback??
- What schools are going to do to get parent responsibility?
- How can we attract, keep, and maintain bilingual teachers in our school? (differential)
- How can we create in every school a professional environment that encourages/combines intellectual growth and functioning?
- As teachers come to meet the challenges of student diversity, What supports can they expect from colleagues, principals, cluster, district, university?
- How does UNM prepare prospective teachers to work with the full diversity of learners, not only language background but also academic skills, prior experiences, unpreparedness for grade level expectations?
- Lab schools? If the reading classes presented are pre-practice, how do students make sense? What about contextual learning?
- UNM says they only have one reading methods course. What happened to the courses the state required a few years ago – diagnostic and prescriptive reaching and reading in the content area?
- How can we start to work together – APS teachers and principals and UNM professors – so that we can better utilize our intellectual capital to influence ill-informed policy makers – and intervene into their prescriptive laws – They tend to 'wip-saw' us as they alternate blame between university and teachers??
- What can we do to focus public education back to its democratic purposes (Equal opportunity for all)?
- How are the cooperating teachers chosen for a student teacher? How does the university ensure that the mentor has the skills you want modeled?
- Can APS and UNM team to train teachers in the specific reading model they will use in their school?
- What incentives can the university offer to the school that takes student teachers? What professional development can be offered to the whole staff of that school?
- Are student teachers offered a chance to learn how to teach reading in Spanish (or another language)?
- Whose responsibility is it to teach new teachers to function in a school reading program?
- Will students coming out of UNM know enough about individual programs to teach the program in the school?
- Can the university offer 'guest presentations' to the staff at the school that has student teachers (i.e. we take a student teacher – you offer two 1-hour presentations by a UNM professor at an inservice)?
- How can the schools have conversations with the UNM faculty before we take student teachers?

- Should a teacher who teaches reading at the elementary level be required to have a reading endorsement?
- What specific tools are student teachers learning to use for assessments (state and district)? What do student teachers learn about the Terra Nova?
- How much reality-based teaching do student teachers receive?
- How can the University collaborate with APS to help teachers dealing with the issue of expressing their voice about supporting their program under the Fed's definition of 'scientifically based'?
- How can teacher input be used to plan the new reading course?
- I was wondering how student teachers were given (or if they are given) the opportunity to work with more than one community? I think it would be valuable for them to work in more than one community, as the needs of student populations can vary from one site to another?
- What considerations are taken when deciding on what type of reading program should be adopted by a school or district? How is the decision made, by a panel or by the whole staff...?
- I worry about the "block" type of idea. Literacy instruction runs throughout the day and the 90 min block can sometimes imply that it is the only time for literacy. How can we begin to dispel this myth?
- What about enhancing critical thinking skills in our students through SFA and 4-block?
- How is the new law (scientific research) going to affect us in the classroom, going against the grain?
- With the second (methods) course, what is going to be taken out?
- How can we as educators help deal with the problem that most studies in education do not have a control group and large numbers so that a program is considered 'scientifically based'? (ex. If you find something works, how can you not do it with a group of kids – this is critical for funding)...
- Where did the term the 4th cueing system "pragmatics" come from?
- Is the importance of not only making connections with text but also finding concrete evidence in text to back up thoughts and impressions being addressed in teacher training?
- Re: the design of your new required reading course for teachers; In another symposium, how would you envision planning so that you hear from many experienced classroom teachers in the room who could provide input into the design/redesign of the new reading course being required in New Mexico for classroom teachers?
- When UNM develops two reading courses, how will those classes develop their reading emphasis? Reading theory? Diagnostic reading – assessment? Reading practice? Teaching comprehension?
- Once the regulations are written about what constitutes a scientifically research-based reading program, what happens if 'balanced literacy', for example, is challenged as lacking in this research? Will the district stand behind its support for balance literacy approaches?
- Rick and Leila represent tow of how many cohorts at UNM? What type of preparation in reading/literacy do the other cohorts get?

- The new legislation provides moneys to schools for professional development in literacy. How can schools draw on the expertise of folks like Rick and Leila? Can professors provide professional development to school staffs?
- What other assessment tools/strategies are taught at the university level? Other than miscue analysis?
- What is COE's vision for the 2nd reading course? Content of courses?
- What or How does UNM incorporate adopted reading models into reading courses?
- Are UNM students taught classroom management strategies? If don't know how to organize for instruction/discipline issues outcome...
- How can UNM facilitate understanding/rationale for delivering a strong theoretical pedagogical foundation or reading and bridge understanding/application to adopted reading models?
- What do we find out after students are assessed? How can that information be used to inform practice?
- How can value of education be communicated to parents in order to improve attendance?
- What is timeframe for transitioning children from first language to English? What is UNM teaching – based on what theory/research?
- What is the university doing to promote bilingual teachers?
- How much does a school pay for SFA's program?
- What are the factors that make a program "work" in a particular school?
- How does a teacher establish and manage the kind of close relationship you have been describing as necessary to effective teaching when he or she works with several groups each day?
- How can we teach legislators and other policy makers to understand the complexity of literacy?
- When and how do bilingual students switch to English?
- The approaches discussed by COE seem (rich) and sensitive to context. Are teacher candidates in all cohorts learning similar methods?
- How do schools choose reading programs?
- How do we work with students form language backgrounds other than English or Spanish?
- How is UNM providing support/structure for Mentor Teachers? (So that student teachers are "assured" time to practice strategies they are learning at UNM.)
- Guided reading: How do you meet individual needs if all Guided Reading is done in whole group and at one level?
- How do teachers include the standards in their lesson plans?
- Can student teachers really be expected to internalize all of this information in even two methods classes (without time to practice these strategies)?

2. *Focus of the symposium was to explore how connective tissue can be built between UNM (teacher preparation) and APS (teacher's skills, preparedness, and readiness to teach reading at the end of induction).* The aim of the second part of small group discussions was to obtain information that may guide future conversations and projects (?) regarding literacy.

"What are the implications for collaborative work between UNM and APS? What kind of structures and processes should be put in place in order to facilitate this collaborative work?"

Recommendations from participants:

- More interactions between student teachers and schools and teachers.
- Maybe allow student teachers to attend some workshops that have been specifically restricted to in-service teachers.
- More symposia/discussion – linking APS and UNM
- Using instructional coaches and literacy leaders to disseminate latest info re: reading legislation etc.
- Create a task force/clearinghouse to generate/clarify info to go to all schools, especially pertaining to scientifically-based reading
- That we would begin to be on the same page – more informed – How? A UNM/APS clearinghouse.
- A forum needs to be established to open the lines of communication between the schools (i.e. teachers!) and UNM and between these groups and our legislators. Time should be allocated for this to take place particularly during the legislative session.
- More collaboration helps to clarify the reality of classroom teaching with the theory of methodology and practice.
- Collaborative lobbying – APS, UNM, ATF
- Inservice time for meetings with UNM
- Enticement, identification of CT's – selective mentoring – win-win situation
- Representative groups from APS/UNM – i.e. partnerships at meetings to perpetuate dialogue – voices at the table(s)
- Encourage other organizations – PTO's, other topicals, A&S
- Pull public into schools – shadowing teachers – more than one hour – i.e. parents, legislators
- Cycle of movement – in classroom – administration, etc. – to remember, discover what it's like in the classroom
- Teacher education – advisory board including practitioners and principals
- Follow up with first year teachers – what did you use most? What was missing? Act on this in teacher education and in schools
- Cohesive stand as educators in relation to state and federal issues – creating a 'seamless system'.
- Conversations should continue about how schools/UNM support novice teachers

- Include a dichotomy of educational personnel in discussions about how to support new teachers, i.e. upper administration, novice teachers, principals, teachers of all specialties, support staff...
- Help identify ways that work to support high SES school communities as well as all students. Maintain high expectations!
- How can cooperating teachers become part of the "collaborative" instructional team?
- We need a stronger emphasis on Emergent Literacy; Pre-K and K focus is essential for a strong Educational Foundation.

Multicultural Education Center

Annual Report

Period of Performance: July 1, 2001- June 30, 2002

Summary: MEC staff was involved in a number of management, development and related activities during the fiscal year ending June 30, 2002. In the fiscal year 2001/2002, the MEC administered a total of 6 federally funded grants and the Dolores Gonzalez Graduate Fellowship Program for a total of $1,215,763.00 (see attached). With the exception of the "Training All Teachers" grant, the grants are intended to provide financial support to students who are studying in the area of bilingual, ESL or American Indian Education.

New Grant Received: (2001-2002)

- A "Training All Teachers" grant intended to support 30 teachers in the Gallup-Zuni area who will receive their MA degree in bilingual education or ESL with an emphasis in literacy education.

- A Teacher Training Personnel grant designed to support 40 teachers studying in the area of bilingual, ESL or American Indian Education.

New Grants Submitted:

- UNM-APS Career Ladder proposal to fund 40 educational assistants in their goal of becoming licensed teachers with specialization in Bilingual/ESL and American Indian Education.

Other Activities:

- Contributed $500.00 to defray travel expenses for a group of indigenous teachers from Oaxca, Mexico who are participating in a research project with Professor Lois Meyer of the Department of Language, Literacy and Sociocultural Studies.

- Contributed $250.00 to the 2002 Raza Graduation sponsored by El Centro de la Raza

- Made a presentation on the Multicultural Education Center to the advancement council which is composed of alumni, business people and other supporters of the College of Education. March 14, 2002

- Presented a "Research Spotlight" on the Multicultural Education Center to College of Education Faculty. April 19, 2002

- Presented an historical overview of the Multicultural Education Center and its relationship to Tireman Library to the Tireman Library faculty committee, April 24, 2002

- Organized a number of professional development seminars for students and mentor teachers who are participating in the funded programs. Two of the guest speakers for these seminars were Jim Bransford and Dr. Rebecca Blum Martinez, professors in the COE.

Future Plans:

Under the leadership of Dean Vi Florez, discussions were held during the year to clarify the work of the four existing centers on the college and to develop a new re-structuring plan. Under the new plan the Multicultural Education Center and the Office of Latin American Programs in Education were merged to become the Multicultural Bilingual Education Center. The new center (MBEC) will continue to write grants and seek external funds to support students who are studying in the area of Bilingual/ESL and American Indian Education, but will also expand to focus on Latin American and international education initiatives. An advisory council will be formed in fall, 2002 to assist the MBEC in accomplishing its new mission and goals.

MEC Personnel in fiscal year 2001-2002

- Director- Leroy I Ortiz serves as the principal administrator/ coordinator of all MEC activities.

- Jim Bransford, provided valuable assistance in identifying sources of funding, proposal development, budget preparation and project evaluation.

- Project assistance included Shannon Reierson, Kwangjong Park, Mirta Santillan and Hinko Takahashi who assisted the director in developing proposals through conducting literature reviews, needs assessment surveys and outcomes assessment. Chelsea Fortescue provided support to educational assistance and their mentor teachers, all of whom participated in the Career Ladder Program.

- Holbrook Mahn served as Principal Investigator for the "Training All Teachers Grant"

- Dr. Pat Stall served as Co-PI of the Career Ladder Program as well as the Gallup Training All Teachers grant.

- External Evaluator- Rebecca B. Martinez served as the evaluator for two of the grants.

- Tina Long was hired as the administrator assistant for the MEC in November 2001.

Current Multicultural Education Center Grants 2001-2002

1. UNM McKinley County Career Ladder Project:

Co-Principal Investigators - Leroy I. Ortiz and Pat Stall

Year 1	1998-1999	$204,579.00
Year 2	1999-2000	$214,650.00
Year 3	2000-2001	$220,004.00
Year 4	**2001-2002**	**$245,975.00**
Year 5	2002-2003	$254,518.00
TOTAL		$1,139,726.00
		(Indirect costs of 8%)

(provides support* for 40 educational assistants)

2. UNM_MEC Bilingual Education Graduate Fellowship Program:

Principal Investigator - Leroy I. Ortiz

Year 1	1998-1999	$51,858.00
Year 2	1999-2000	$58,776.00
Year 3	2000-2001	$59,742.00
Year 4	**2001-2002**	**$9,930**
TOTAL		$180,306.00
		(No indirect costs)

(provides support* for 1 Ph.D.Student)

3. UNM-MEC Bilingual Education Personnel Training Grant:

Principal Investigator - Leroy I. Ortiz

Year 1	1999-2000	$200,219.00
Year 2	2000-2001	$213,220.00
Year 3	**2001-2002**	**$232,634.00**
Year 4	2002-2003	$243,216.00
Year 5	2003-2004	$260,218.00
TOTAL		$1,149,507.00
		(Indirect costs of 8%)

(provides support* for 40 undergraduate, graduate, and endorsement students only)

4. Bilingual Education, Training for All Teachers Project:

Principal Investigator - Holbrook Mahn

Year 1	1999-2000	$249,505.00
Year 2	2000-2001	$262,318.00
Year 3	**2001-2002**	**$275,894.00**
TOTAL		$787,717.00
		(Indirect costs of 8%)

5. Dolores Gonzales Graduate Fellowship Program:

Principal Investigator - Leroy I. Ortiz

Year 1	**2001-2002**	**$12,000**
		(No indirect costs)

6. Training for All Teachers:

Co-Principal Investigators - Leroy I. Ortiz and Pat Stall

Year 1	**2001-2002**	**$211,986.00**
Year 2	2002-2003	$220,405.00
Year 3	2003-2004	$229,812.00
Year 4	2004-2005	$239,723.00
Year 5	2005-2006	$250,626.00
TOTAL		$1,152,552.00
		(Indirect costs of 8%)

(provides support* for 30 MA students)

7. Personnel Teacher Training Grant:

Principal Investigator - Leroy I. Ortiz

Year 1	**10/01/01-10/01/02**	**$227,344.00**
Year 2	10/01/02 -10/01/03	$235,154.00
Year 3	10/01/03 - 10/01/04	$243,354.00
TOTAL		$705,852.00
		(Indirect costs of 8%)

(provides support* for 40 undergraduate, graduate, and endorsement students only)

MEC Grants Monies for 2001-2002 Year -	**$1,215,763.00**
Total MEC Grants Monies for Existing Grants -	**$5,127,660.00**

*support consists of tuition, books, travel allowance, and stipend.

Input for AY 2001-2002 Annual Report for Technology and Education Center

Technology and Education Center

The Technology and Education Center (TEC) completed its second full year of operation in June 2002. The center's director is Dr. William Bramble. He is assisted in center management by Program Manager, Donald Fischer, Jr. and Administrative Assistants, Karla Crawford and Randa Silva. The TEC's primary location is building 64, adjacent to the College of Education Administration building and the Tireman Library. The TEC also operates laboratory facilities and a special projects area in the basement of the Student Services Center Building (SSC) southeast of the COE administration building. The TEC website, http://tec.unm.edu , provides more detail about the center and its services.

The TEC formally opened its facilities at the start of Fall Semester 2000. The TEC was established to facilitate instruction and professional development focused on integrating computers and other modern technologies into the curricular and instructional practices of prospective and practicing educators. TEC objectives include:

> Provide up-to-date laboratories, equipment, and technical assistance to COE faculty and students.
>
> Perform college-wide troubleshooting and repair of computing equipment.
>
> Provide staff development in the areas of technology use and integration into the curriculum. Offer multiple sections of the course EDUC 124, Introduction to Computers in Education each semester.
>
> Manage the COE website, servers, and local area networks. Coordinate this activity with the university's center for Computer and Information Resources and Technology (CIRT).
>
> Conduct externally funded projects that provide faculty and student opportunities for state-of-the-art research and development in instructional technology.

Staffing levels at the TEC increased over the last year. The breakout of AY 2001-2002 staffing is as follows: one tenured faculty member, fifteen exempt staff, four non-exempt staff, eleven graduate project assistants, thirteen student employees/work studies, six on-call staff, and one temporary part-time faculty for the summer, teaching EDUC 124.

A summary of academic year 2001-2002 TEC activities and accomplishments follows.

TEC Laboratory Operations

Shayne Marriage served as the TEC laboratory coordinator for the 2001-2002 academic year. Marriage was assisted by User Support Analyst (Charles Dye), Analyst

Programmer II (Ryan Chapman), and 8-10 undergraduate student assistants each semester.

The TEC began the year with six operational computer laboratories. These are designed to support student instruction and provide computer access for COE faculty, staff, and students. A donation of computing equipment from Intel New Mexico enabled the center to add a seventh laboratory. Four of the laboratories are housed in the main TEC facility in building 64 and three are located in the basement of the SSC. Labs typically have a teacher's station and 15-20 student stations with Internet connectivity, plus scanners, printers, and a video projector. In total, the laboratories now house 34 MacIntosh and 154 Windows machines. All labs include a basic software configuration (e.g., Office 2000, Corporate Time, Mirada, Acrobat Reader, Internet Explorer, Netscape, Shockwave Player, Authorware Reader, Realplayer, Microsoft Media Player, Flash Player). Individual labs contain specialized software needed for particular courses (e.g., Office XP, Acrobat Authoring, Endnote, SPSS, Inspiration, Appleworks, Geometers Sketchpad, Illustrator, Photoshop, Premier, Dreamweaver, Director, Kidpix). Other computer or media equipment is available to loan to COE faculty for instructional purposes (e.g., laptop computers, still and video cameras, overhead projectors, VCRs, Smart Boards, wireless networking cards).

Laboratory usage increased during the TEC's second year of operation. For the year, 2089 student and faculty accounts were maintained. Facility usage statistics are as follows: 108 semester-long courses taught in the laboratories, 23 supplemental or special class sessions held in the laboratories and seminar rooms, and 115 special events and meetings hosted in the labs and seminar rooms. Additionally, open laboratories were made available to COE students each semester on a six-day, 72-hours per week basis.

A significant addition this year was a "Mobilan Wireless Cart" acquired as part of a grant to the COE from Hewlett-Packard Corporation. The cart is motorized and can be moved to various COE classrooms. It contains 30 laptop computers, wireless networking equipment, and a printer. Research is being conducted to determine the best uses of the cart to support mathematics and science instruction. The cart is also available to support other classes taught by COE faculty.

Trouble-Shooting and Repair

User Support Analyst, Charles Dye, provides trouble shooting and repair services for academic and support staff college-wide. This includes computers and peripherals housed in the TEC and in administrative, faculty, and staff offices. Dye is assisted in this activity by the other technical support staff and student assistants.

Service calls average approximately 20 per week when school is in session, or about 800 per year. Service is requested by calling the TEC front desk at 277-0462 or through the URL http://tec.unm.edu/services/repair.asp . To summarize the service provided, service calls may involve setting up new systems, rebuilding software systems, installing

software, data recovery, virus cleanup, printer setup, dealing with traditional and wireless networking systems, or resolving various hardware and software problems,

Staff Development for Technology Use and Curricular Integration

Susan Bowdoin coordinated this activity for the TEC during the 2001-2002 academic year. She was assisted by two graduate students from the Organizational Learning and Instructional Technology (OLIT) program; Kathy Murad and Dali Martinez. Twenty-nine workshops with 21 different titles were offered during Fall Semester 2001. Twenty-one workshops with 18 different titles were offered during Spring Semester 2002. Workshops covered a variety of topics, addressing such themes as: Internet search strategies, developing a web page, putting syllabi on line, developing multimedia presentations, desktop publishing, web publishing, using Adobe Acrobat, developing on-line surveys, video editing using i-Movie, and advanced applications using the Office Suite. One-on-one sessions and course presentations were also offered to faculty and staff who requested them.

The staff development group at the TEC developed a database of resources for technology in education, published a monthly newsletter, distributed lists of web resources for instructional applications, and worked intensively with faculty on technology-related efforts associated with their research and teaching. The group developed and staffed the Faculty Development and Resource Rooms in the TEC, offering training and resources to faculty to assist with their teaching, research, and professional activities.

The TEC is responsible for teaching 6-9 sections per semester of the one-credit course, EDUC 124: Introduction to Computers in Education. The course is offered for undergraduate credit and provides an introduction to the use of computers for lower division students. The course is required by some COE academic programs and for others, serves as a prerequisite or remedial course prior to taking more advanced academic work involving technology. EDUC 124 instructors have included Kathy Murad, Dali Martinez, and Shirley Weaver.

This year a faculty committee was formed to review the course and provide suggestions for updating it. TEC staff used this input to substantially update and revise the course materials and syllabus. The course revision was in place for pilot testing during the Spring and Summer semesters and was available in its fully revised form for use in the Fall 2002 semester.

COE Website and LANs

The TEC operates a local area network (LAN) for the college and is responsible for maintenance and operation of the college's website, a part of the university's website, www.unm.edu . Analyst Programmer II, Ryan Chapman, is assigned these activities. The LAN serves all COE faculty and students who hold a TEC account and is designed to assist with instructional and classroom uses. The LAN is supported by nine servers.

These are operated by the TEC and connected internally at a 100 Mbs. Connectivity to CIRT and to the Internet is provided through a shared 1-gigabit Ethernet connection. The LAN was upgraded this year to include wireless networking capability within the TEC and to allow for remote access from off-campus locations.

The COE website is maintained and operated by the TEC. It is regularly updated to reflect changes in staffing and organization. The TEC is working with academic units to find efficient ways to update and correct information about undergraduate and graduate programs.

Two new servers were purchased this year to better support the COE infrastructure. This added equipment now hosts a primary and backup web server system for the COE website to ensure its availability and efficiency at all times. Implementation of a back-end redesign for the COE website has started, first by migrating the underlying database to a more robust version. As the redesign progresses, we will implement new tools to help the college manage information and communication better. New additions will include a search engine, scholarship information database, and a sub-web providing information directly related to the needs of the college's Development Office.

Project Activities

Special Projects have been awarded to the Technology and Education Center. These projects support and enhance the TEC's overall mission. The projects are multi-year in scope. Project funding for the 2001-2002 academic year totaled $1,485,508. The PI for these projects is Center Director, Dr. William Bramble. Descriptions for all of the projects can be found at the Center's URL http://tec.unm.edu .

Shared Visions Project. ($403,127) A multi-year project funded through the Preparing Tomorrow's Teachers to Use Technology (PT3) Program from the U.S. Department of Education completed its third year in 2002. The project is entitled, "Shared Visions." The project coordinator is Michele Hardwick. Professor Leslie Hall, Randa Silva, six graduate assistants, and several hourly employees assisted her with the project this year. The project focuses on professional development for 26 of the college's licensure faculty to help them to incorporate, model, and teach instructional applications of technology. Strategies employed by the project include professional development related both to technology tools and the integration of technology into their instruction and curricula, the involvement of 20 master teachers from surrounding school districts as collaborators with university faculty, enhancement of the basic preservice technology course (CIMTE 365) and the various methods and content courses for preservice teachers through technology, and the use of highly skilled graduate students as "Tech Guides" for the faculty.

The TEC served as a meeting place for Master Technology Teachers from the school district partners to share promising practices and conduct business meetings. The MTTs were recruited to work with faculty and Tech Guides. Special events were scheduled throughout the year to provide an opportunity for the grant staff and participants to come together and report activities while building a learning community that can be

sustainable. These included bringing in guest speakers, such as Dr. Bernie Dodge (creator of the WebQuest), from San Diego State University and Dr. Chris Dede (High Stakes Testing and Virtual Learning Environments), from Harvard University. Shared Visions also provided workshops, book discussions, and hosted a "Collaborative Exchange" organized by the U.S. Department of Education as a formative evaluation activity. The two-day Collaborative Exchange (CE) Visit occurred in October 2001. University faculty from other universities visited our campus to review the Shared Visions project. Shared Visions faculty hosted a technology integration poster session for the guests. The project has continued to provide opportunities for not only the faculty and K-12 teacher participants, but for the entire College of Education faculty, graduate students, and staff at large.

Intel Teach to the Future Project. ($195,300) The Intel Teach to the Future Project is funded under a multi-year grant from the Intel Foundation. The coordinator of this project for AY 2001-2002 was Smith Frederick. He was assisted by Andrea Garcia and Randa Silva. Through this grant the TEC serves as the New Mexico Regional Training Agency (RTA). The RTA is responsible for facilitating week-long technology training sessions for some 5,000 teachers statewide. The training follows the "Intel Teach to the Future curriculum". Optional academic credit alternatives for workshop participants was arranged through the OLIT Program and the Division of Continuing Education. Several hundred participants took advantage of these course credit options. The training follows a "train the trainer" model in which "master teachers" are first recruited and trained. The master teachers are then responsible for providing training to additional "participating teachers" creating a multiplier effect. As of June 30, 2002, 89 New Mexico school districts had participated in the project and a total of 162 master teachers had completed their training. Approximately 2700 participating teachers had been trained by the master teachers by mid summer 2002.

Projects with the Navajo Education Technology Consortium (NETC). The Technology and Education Center manages three large, multiyear projects in partnership with the NETC. The three projects are the Education Technology Improvement Plan (ETIP) project; the NETtrain project; and the TECHShare project. Donald Fischer is assigned to coordinate the three NETC projects for the TEC. Jan Sherer and Jason Durenberg assist him with grant administration. Additional detail for these projects can be found at the URL http://nettrain.unm.edu.

ETIP. ($195,448) ETIP is a five-year project designed to train school teams to use multimedia technology to create standards based learning activities. Project staff this year included Jan Sherer, David Stein, Stephanie Homan, and David Parsons. ETIP is funded by a grant to the NETC from the U.S. Office of Education's Technology Innovation Challenge Grant Program. The University of New Mexico is responsible for training in approximately 60 schools (240 teachers, administrators, and parents) in New Mexico and Northeastern Arizona. The four-member school teams are scheduled to remain intact throughout the five-year project. The TEC has placed Training Development Consultants at Gallup and Shiprock, NM training centers to conduct the necessary on-site training each summer. Concurrent with the training, Dr. Bramble offers

graduate and undergraduate problems/workshop courses through OLIT providing participants an opportunity to earn university course credit. Since January 1999, 78 participants (6 undergraduate, 72 graduate) have enrolled in these courses for a total of 196 graduate and 10 undergraduate credits.

NETTrain. ($149,594) NETTrain is an offshoot of the ETIP Project. Project staff this year included Shezad Morani, Hue Walker, and two graduate students. NETTrain's purpose is to provide a web-based portal enabling the consortium to communicate over the Internet and access locally generated and Internet-based professional development resources. During the 2001-2002 academic year 26 tutorials for teachers were produced and added to the site. The tutorials use full-motion video, audio, text and advanced graphics. The site is intended as a resource for teachers and administrators participating in the ETIP project as well as other teachers and staff at the participating schools. The site is also home to 1078 learning modules contained in 168 complete lessons developed by the partner institutions in the TECHShare project.

TECHShare. ($542,039) TECHShare is funded through a U.S. Department of Education STAR Schools Grant to the NETC. Staff for this project in AY 2001-2002 included Jan Sherer, Skye Crossan, Lainee Tucker, Enrico Trujillo, David Stein, and Dean Bernardone, plus a number of graduate students. The TECHShare Project uses the multimedia capability of the Internet to provide interactive text, audio and video through computer-based technology to support instruction in the schools served by the consortium in the states of AZ, NM, and UT. The offerings stress standards-based learning activities for schools and districts of the NETC. The learning activities are delivered through the Internet and can be accessed on demand. UNM hosts a multimedia development studio and serves as the storage and dissemination point for resources contributed by studios at other participating universities and colleges in the region.

PROJECT ACCOMPLISHMENTS IN 2001-02:

The Family Development Program-Community Based Education (FDP) brought together 1,115 teachers, staff, parents and other family members from over 60 communities throughout the state for professional and skills development on over 25 topics related to early childhood education and development. The communities we reached included Alamogordo, Albuquerque, Angel Fire, Anthony, Anton Chico, Arenas Valley, Arroyo Seco, Artesia, Bayard, Belen, Bernalillo, Bosque Farms, Carlsbad, Cleveland, Cliff, Corrales, Coyote, Deming, El Prado, Española, Estancia, Farmington, Gallina, Grants, Hobbs, Holman, House, Hurley, Las Cruces, Las Vegas, Lindrith, Lordsburg, Los Lunas, Lybrook, Magdalena, McIntosh, Mesilla, Mimbres, Mora, Moriarty, Mountainair, Peñasco, Peralta, Placitas, Ranchos de Taos, Rio Rancho, Rociada, Roswell, Ruidoso, San Juan, Santa Clara, Santa Fe, Santa Rosa, Silver City, Socorro, Taos, Tijeras, Tomé, T or C, Tularosa, Vadito, Valencia, Velarde, and Villanueva.

FDP provided over 85 research-based training workshops throughout NM on topics including: family literacy, child development and temperament, multiaged play-based projects with standards alignment, early math and science, parent and family involvement in education, celebrating differences in family culture and values, effects of violence on young children, importance of play in early cognitive development, parent leadership skills, and parent and community storytelling.

FDP distributed over 4,000 copies of our newest publication Playing with Ideas, 5,000 copies of our 2001 - 2002 Family Development Journals and continued to provide New Mexico families with copies of our Baby Love Book and Toddler Love Book series in English and Spanish.

Presentations at national meetings:

Polly Turner

- Presentation on Kellogg at AERA (New Orleans) and National Head Start Research Conference (Washington DC), both with Nancy File.
- NM's Comprehensive Professional Development System in Early Care, Education, & Family Support at NAEYC's Academy for Professional Development (Albuquerque) with Dan Haggard, Nancy Baptiste, & Gloria Clark.
- Presented to ABEC on Implications of Early Childhood Development & Learning.

Carol Westby

- Reading IS language: Roles for SLPs in literacy assessment and intervention. Steven Austin University, Nacodoches, TX.

- Frameworks for treatment of children with autism spectrum disorders; and Teaching tolerance: A new role for pragmatic language intervention. Southwest Conference, Albuquerque, NM
- Paradigms for understanding autism spectrum disorders. Missouri Speech-Language-Hearing Association.
- Language and literacy for students with disabilities; Building bridges for classroom success. Norfolk, VA.
- New paradigms for understanding ADHD and social-emotional Problems: Self-regulation and language. Detroit, Michigan.

Holly Harrison

- Pacific Rim Conference on Disabilities, Honolulu, HI March 2002--SELF (Supports for Early Learning Foundations) Assessment-Intervention Process
- Early Look: Identifying Services and Supports for Young Children at Risk

Grants Submitted:

- Early Childhood Educator Professional Development
- Daniels Foundation – Letter of Inquiry
- Pew Foundation—Letter of Inquiry
- SELF (Supports for Early Learning Foundations) Research Proposal
- Early Look Model Demonstration Project SITE (personnel prep for early childhood)
- High Incidence Personnel Prep (for special education/speech and hearing)
- LEAP (personnel prep for special education/speech and hearing)
- Cognitive Science proposal (reading research)
- Reading Comprehension proposal (research).

Teaching/Workshops/Other

- Taught a Project BRIDGE language/literacy class for ____ graduate (?) students.
- Taught Online Course – TSW: New Assessment Fall 2001 and Spring 2003
- Faculty Institute – Developed and delivered an Institute for faculty participants from New Mexico, North Dakota, Texas, Washington State, Conneticut, and Hawaii to learn how to teach the TSW online course and take it back to their Universities.
- Early Look – NM Children's Trust Fund, Developed a Screening Tool and Manual for early childhood workers.
- Second editions were produced of the publications *La Ristra* and *The Continuous Journey*.

Grants in House

During the 2001-2002 fiscal year, the Center had the following grants/contracts:

The Kellogg Project (End date, August 31, 2001/Carryover funds). Principal Investigator, Polly Turner): This project, funded by the W. K. Kellogg Foundation for 4 years, sought to increase the access to personnel preparation in Early Childhood in underserved areas of the state, and to make Early Childhood personnel preparation programs more responsive to community needs, including responsivity to the language and culture of the participants. Native American and Hispanic students were targeted, many of whom were already working in child care, Head Start, and early intervention programs.

Infrastructure Project (Continuing project, renewed annually. Principal Investigator: Polly Turner) This project, funded by the Office of Child Development, NM Children, Youth, and Families, originally established a Warmline with a 1-800 number for parents and personnel in early childhood that provides information and referrals by phone and via mail on issues of development, behavior, health, safety, child care, developmental delays/disabilities, and many other topics. The project also coordinates the quarterly meetings and training for personnel in the 10 regional Training and Technical Assistance Programs (TTAPs) across the state. Further, the project originally developed the newmexicokids.org website, which provides a wealth of information about all aspects of early childhood. During the past year, the project has maintained the Warmline and its resources, coordinated the work of the TTAPs, and sub-contracted with Continuing Education to maintain the website and its accompanying databases.

Through Shared Windows Outreach Project (3rd year of a 3-year Project. Principal Investigators: Holly Harrison, Meave StevensDominguez, and David Atencio) This project, funded by the U.S. Department of Education, Office of Special Education and Rehabilitation, focuses on advancing the field of early childhood and intervention in the area of assessment by promoting recommended practices, including innovative assessment models, processes, and resources that benefit young children and their families. During the first year a website, newassessment.org, was developed, and an on-line course in assessment (ECME and FS 493/593) was developed based on the Performance Competence Framework., University faculty from 6 states (New Mexico, Washington, North Dakota, Hawaii, Connecticut, and Texas) participated in a Faculty Institute that would train them to deliver the course online at their institutions.

Project Early Look 2nd year. Principal Investigators: Holly Harrison and David Atencio). The purpose of this project, funded by the NM Children's Trust Fund, is to facilitate early access of supportive services to families and child care

personnel to prevent child abuse and neglect and to facilitate healthy development of young children. The project developed a Risk Assessment Guide to identify services and guide implementation of services for children with multiple risk factors. Training on the instrument and guide was provided to staff at the 10 Training and Technical Assistance Programs (TTAPs) across the state.

Professional Development Contract (1/2 year). Principal Investigator: Polly Turner.

Project LIFE ended 8/14/01. Principal Investigator: Carol Westby

Project BRIDGE 2nd year. Principal Investigator: Carol Westby. The purpose of this project, funded by the U.S. Department of Education, is personnel preparation. This is the second of 4 years of Project BRIDGE.

The Center budget for the 2001-02 fiscal year for all contracts/grants was $696,410, which includes some carryover funds from previous years but does not include overhead and the revenue account.

Final Report (with Recommendations)

UNM College of Education Development Office
Jeff A. Hale, COE Director of Development
August 18, 2002

Introduction

What follows is a summary report of accomplishments, major current initiatives, and recommendations for future activity for the COE Development Office. It is intended to guide the activities of my successor, as well as to assist Dean Viola E. Florez, Development Specialist Margaret Duran, and the UNM Foundation with keeping the COE development program on track and ensuring that follow-up occurs in the areas of greatest importance and (fund-raising) potential.

Summary of Major Accomplishments (January, 2000 through August, 2002)

- The COE has evolved from having essentially no development program to one that doubled its fund-raising goal during FY 2001-2002; approximately $1.3 million from private sources. In a fiscal year that featured the September 11th tragedies and a worsening stock market, the College was the only unit on the main campus at UNM to *make* goal – let alone double it.
- The College's relationship-building with some of the largest and most important corporations and private foundations in the U.S. has been most impressive. The list of notables includes: Hewlett Packard/Compaq, Intel, The Bill & Melinda Gates Foundation, The Kellogg Foundation, Wells Fargo Bank, and The Spencer Foundation.
- The track record for the COE Development Office (NOT including annual and major giving from individuals) since its inception in January of 2000 exceeded $4.3 million, including more than $2 million in COE-specific corporate and foundation initiatives and a major contributing role in the statewide, multi-year, $2.3 million Kellogg "ENLACE" grant. The COE is also poised for major breakthroughs with The ExxonMobil Foundation and The Carnegie Corporation of New York (see the next section below).
- Several of these privately funded projects have provided cutting-edge professional development for educators in a variety of high-need areas – placing the UNM-COE in the forefront of statewide service delivery in teacher and school administrator professional development. Three examples include: (1) the $200,000, two-year Intel "Teach to the Future" initiative, which provided statewide technology curriculum integration training for thousands of New Mexico teachers; (2) the $1 million, three-year "State Challenge Grant for Leadership Development," funded by The Bill & Melinda Gates Foundation, which will provide professional development for approximately 300 school administrators from across New Mexico, in the largest privately funded project of its kind in state history; and (3) the $100,000, two-year "Secondary Schools Literacy Project," funded through a public-private partnership [Wells Fargo Bank, the State of New Mexico/TEAC grant, and Albuquerque Public Schools], which provided intensive professional development in effective literacy strategies aimed at preparing teachers to address the problem of secondary-level students who possess insufficient literacy skills.

- Perhaps the pinnacle of the COE's success in corporate relations was winning (in the spring of 2002) the $375,000 HP "High Achieving Schools" project, in a national competition in which only one school/college of education was selected. Under the leadership of COE faculty member (mathematic education) Dr. Richard Kitchen, this two-year project will involve the research and national dissemination of data concerning nine high achieving (in mathematics) secondary schools from across the U.S. The resulting research will place the UNM-COE on the national stage with respect to an important issue in public education: how some K-12 schools in disadvantaged/low income areas achieve impressive mathematics rankings with their students, essentially defying the odds.
- The campaign for the COE's first-ever endowed professorship (Chester C. Travelstead) is at or near the $100,000 mark in funds raised and/or pledged. Alumni have responded in great numbers to the appeal, and several influential community leaders have stepped forward with important gifts and pledges in the $5,000 to $10,000 level.
- Significant accomplishments were also made in the remaining two areas of university advancement: alumni relations and communications. The COE's 20,000-plus alumni have responded well to the semi-annual newsletter *Mosaic*. In addition, the COE Development Office has worked closely with Dean Florez to vastly improve communications with target constituencies. These efforts have brought about a significant increase in positive media attention to the College and attracted the support of many influential persons (e.g., Jerry Geist, Bob Stamm, Max Flatow, Larry Williard, Bill Garcia, Mike Koldyke, Duffy Swan, etc.). Also, in the area of special events, the annual Travelstead Gala, a unique gallery showing by Max Flatow, and an unprecedented donor and scholarship recipient recognition dinner, all have set new standards for the College.
- Perhaps most importantly, the COE Development Office has provided a supporting platform for Dean Vi Florez to exert leadership in statewide and national forums. Her leadership has effectuated very positive changes in critical areas such as pre-service teacher education, advanced professional development for teachers, and increased accountability in public school education (i.e., aligning the COE's curriculum and programs with recently passed federal legislation: "Leave No Child Behind"). These positive outcomes are not coincidental – rather, they were the end result of the pivotal role that Dean Florez played in establishing the COE Development Office in January of 2000, and in guiding its evolution over the ensuing 32 months. It has been a distinct honor to contribute to Vi Florez's legacy as Director of Development for the College.

Summary of Existing (Top Priority) Projects – With Recommendations for Future Activity

Carnegie-ExxonMobil Initiative: This project – which could easily be in the $500,000 range – should be considered at the top of the priority list. In order to be successful with it, a lot of advance work must be done. The project involves the design and carrying out of a longitudinal (i.e. over several years) research study, conducted jointly by the COE and UNM Arts & Sciences, which looks at why innovative teacher induction/mentoring programs (such as the COE's outstanding "Resident Teacher Program," conducted jointly with APS for many years with great success) are: (1) successful in preparing new teachers to succeed; (2) foster much higher rates of teacher retention [as high as 75 percent over five years for the RTP]; and (3) *possibly* lead to higher rates of student achievement.

The history of donor cultivation for the initiative first involved a trip (Vi, COE Advancement Council member Joe Mattei, and myself) to see the ExxonMobil Foundation (Ed Ahnert and Truman Bell) in Irving, TX in May of 2002. Joe Mattei, a retired Exxon executive and longtime friend of Ed Ahnert, essentially arranged this meeting, although I did discuss the initiative with Truman Bell on March 29th (so it was not an "end run" action). At the ExxomMobil meeting we essentially pitched the idea of studying why the RTP (i.e., innovative teacher induction) is successful – possibly linking this success to student achievement (ExxonMobil is interested in hard data on how projects improve student performance, particularly in mathematics). We received an invitation from Ed Ahnert to submit a proposal AFTER we had acquired a matching partner. Although specific dollar ranges were not discussed, we were in agreement that the $50,000 range would be our focus for ExxonMobil, in light of their minimal corporate presence in New Mexico, as well as their newly-revised Foundation guidelines (since the merger with Mobil), which place K-12 educational reform as a much lower overall priority than had been the case with the Exxon Educational Foundation.

Armed with the invitation and challenge from ExxonMobil we immediately focused efforts on getting a meeting with Daniel Fallon, Education Program Manager with The Carnegie Corporation of New York. The previous winter (2001-2002), Vi and I had met with Dan in NY (he and Vi worked together at TAMU, and they have remained great friends) to introduce him to our College's top initiatives. In the interim, one of Fallon's cohorts at Carnegie, Andres Henriquez and I began communications concerning the COE's likely interesting approaching Carnegie for support on an induction study. The follow-up meeting took place on June 20th in New York with Dan and Andres representing Carnegie and Vi, Lenton Malry, and myself representing UNM. The outcome of this very pleasant meeting was that Dan liked the idea of a study of innovative induction programs, and invited a $300,000-range proposal from us, with the understanding that ExxonMobil might join in the effort (he quickly suggested that the program could be expanded to the $500,000 range if successful during the first year). Dan's advice included the following precepts:

- The study should focus on the UNM-APS partnership in general and the RTP induction program in particular.
- The study should be longitudinal and prospective – conducting research for at least three years into the future, while also assessing past successes (retrospective) with available data from the partnership (there is some debate on just how much historical data is available, and at what quality).
- It is <u>required</u> that the UNM COE and A & S be full and complete partners in the study, as Dan is a big fan of COE/A & S collaborations. He spoke of the need to create a "culture of respect for empirical evidence" among COEs nationwide, and he was adamant about the need for "subject matter expertise."
- Also from my notes of the meeting: Dan suggested that our research should be guided by the Western Oregon model of "assessment based performance evaluation." Further, he suggested that we read a forthcoming (probably out by now) study by Brian Rowen and Steve Rowdenbush in the *Teacher's College Review*, which apparently uses NCEE data to establish more precise and measurable parameters for assessing successful teacher preparation and teaching. Spelling and other errors might be included in the above.
- Dan believes very strongly that the UNM/APS study will be of value to Carnegie, as it works with four COEs nationally in HUGE "Teachers for a New Era" grants (the COE had toyed with applying for one of these in the past, but they were by invitation only and required enormous institutional cash matching). The research conducted by UNM will

be beneficial to each of the four pilots in the area of innovative teacher induction – defining precisely what components make up effective induction, as well as creative ways of empirically measuring student performance in the classrooms of teachers who went through the induction programs (as well as comparing these student results with statistically-viable control groups of students from non-induction program graduates).

Thus, the timing and focus of our induction study are both opportune, to say the least. There exists a very real opportunity for the COE and A & S to partner on a half-million dollar initiative funded jointly by ExxonMobil and Carnegie. However, the work required to achieve this will be enormous, and will require serious bridge building between the COE and A & S. My recommendations for proactively moving forward with this project are (in rough chronological order) as follows:

1. Communicate the successful outcome at Carnegie (i.e., the invitation for a $300,000 proposal) to ExxonMobil ASAP. Keep Ed Ahnert and Truman Bell in the loop as the proposal is prepared, and be sure to send the proposal to both entities. We have not really been back in touch with ExxonMobil since the May meeting, other than to say thanks for the meeting. Also, keep Joe Mattei and Chuck Manhoff apprised of the initiative's progress.
2. If my successor is not named by the end of September, I'd suggest assigning this project to Meave Stevens-Dominguez in the interim. I went over the whole matter with her and Margaret Duran in great detail before departing, and she is very experienced with piloting large and complex proposals like this. However, I suggest that Vi lead the discussions with A & S, working directly with the Dean (and undoubtedly Associate Dean Wanda Martin).
3. Separate from the A & S negotiations, you will need to QUICKLY pull together individuals from the UNM/APS partnership (Jay Parkes, Joe Stevens, etc.), as well as the COE's Institute for Professional Development, to begin discussions on the specifics of how a meaningful longitudinal study can and should be conducted.
4. As soon as the groundwork is laid and A & S is on board, a meeting of all principals should be held, at a neutral location like APS. Both sides carry some historical negative baggage regarding the other, and thus an atmosphere of true neutrality will be required. Be prepared for Wanda to want to tie the Albuquerque Teacher's Institute into the project. And be sensitive to the A & S desire to have equitable control over faculty involvement and joint design of the research. Keep in mind throughout that Dan Fallon will not fund a project lacking true collaboration between the COE and A & S. Finally, I would hope that the A & S Dean would see fit to assign Maggie Huber (his development officer) to collaborate with the COE (and maybe someone from the UNM Foundation?) on the proposal.
5. Don't hesitate to communicate regularly with Dan as the training design is constructed. He is very, very knowledgeable about all areas of teacher education, adores Vi, and wants for us to succeed in the study. I'd send him one or two rough drafts for his input before the formal proposal submission.
6. Work hard and win – it is really as simple as this. In my view, you are already most of the way to victory merely by being INVITED to submit such a large and complex proposal to so wealthy a foundation. The hardest part will be achieving true collaboration and trust with A & S.

HP High Achieving Schools Initiative: This project will be a big winner for the COE and HP as long as Rick Kitchen is P.I. The orientation seminar for teachers from the nine selected secondary schools was just held at the TEC on campus, with HP Program Officer Rachael Bertone in attendance (incidentally, Rachael is someone whom my successor should establish a relationship with very soon, as she is wonderful to work with and really the "mother" of the High Achieving Schools initiative). This fall starts the full year which Rick's team will spend visiting the nine schools and conducting research into their practices. Soon thereafter, Rick will pull together the data and present it to HP and the national stage. I strongly encourage Vi to stay in the loop of the project throughout the year, to read Rick's reports to Rachael, and especially to take the lead in disseminating the research findings during FY 2003-2004. HP will want full corporate exposure on the study's results, and they deserve to be involved in whatever plans are made to publish and announce the study's findings. Also, I would not be surprised at all if Rick Kitchen gets a great book (or several scholarly papers) out of the study. All of the above is good for the COE and UNM. Lastly, I'd advise my successor to get to know Rick as soon as possible, for two reasons. First, he is a great human being, and a heck of a mathematics educator/researcher. Secondly, he has only recently begun working collaboratively with development people, and may have a tendency to keep the contracting and other details to himself. Rachael will want to work with BOTH Rick and the COE Development staff – and all parties are included in the in-kind/labor cost share agreement, so she could rightfully demand this.

HP K-12/COE Technology Integration Initiative in Bernalillo: This project is in its final year, and appears to be going quite well. One good thing for my successor is that Rachael Bertone is also the program officer for this grant. I'd recommend working closely with COE faculty member Lyn Oshima (our P.I.) and Bernalillo Public Schools Technology Coordinator Barbara Vigil-Lowder to stay in the reporting loop and make sure the final report is detailed and conclusive. A trip out to Bernalillo to meet with them would be smart; some very cool things are being accomplished there in the way of technology integration into the classroom.

Gates "State Challenge Grant For Leadership Development" Initiative: now into it's second year, this collaboration between the COE, the New Mexico Coalition of School Administrators (NMCSA), and Gates is at a major turning point. I believe that adequate progress has been achieved and sufficient matching money estimates will be made for second year funding from Gates to be acquired, probably by October 2002. Margaret can provide many of the details concerning the long and storied history of how this project has evolved. In addition, I have kept Betsy Till in the UNM Foundation well apprized – and I'd strongly recommend working closely with her on whatever COE-initiated private fund-raising takes place in support of the project. Finally, it would be wise to meet regularly with the COE's P.I. on the grant, Judith Ponticell, a wonderful and hard working lady who will tell it to you straight.

Intel "Teach to the Future" and Possible Successor Initiative(s): The enormously successful TTF project will be winding down in the fall of 2002, with an additional $30,000 or so expected from Intel (primarily through the efforts of local Intel Rio Rancho Education Manager Jim Reed) to keep Project Director Smith Frederick employed wrapping up the training and preparing for a much-anticipated successor initiative (the COE should work with Jim Reed to hold a big celebration when the project officially closes). What comes next is an area of great *potential* gain for the COE. Jim Reed has already approached Dean Florez and myself with the conceptual idea for a phase two TTF project, which Intel would fund part of – but would require the COE to work collaboratively with Intel to acquire State and other funding, in order to expand the professional development to

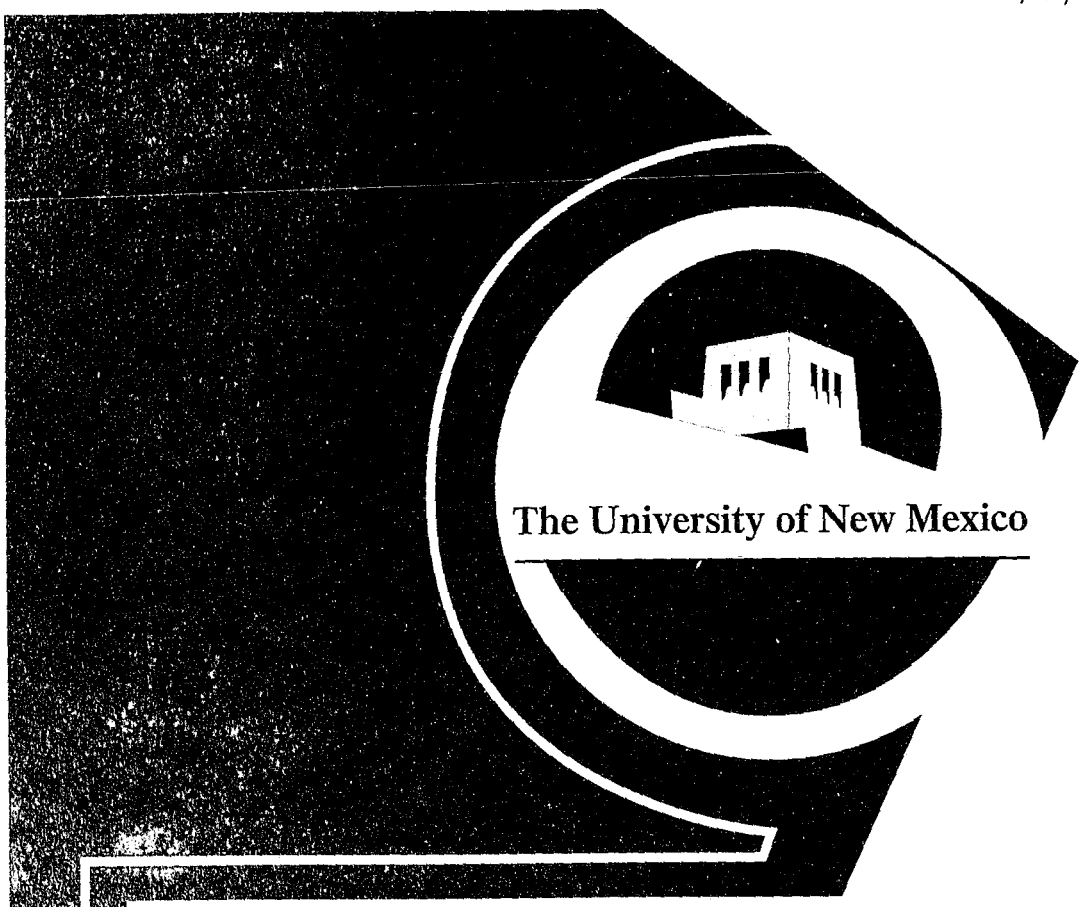
affect thousands of additional teachers. Jim would like for Smith to remain the coordinator of the new initiative, and he seems adamant about the requirement that a COE-wide effort be made, involving not only the TEC Center, but also the Institute for Professional Development, the Center for Teacher Education, and possibly other divisions and/or centers in the COE. The specifics of how to design and bring about this exciting – and potentially big dollar – initiative have yet to be completed. I would therefore suggest that Margaret, Vi, and possibly Meave initiate meetings with Jim Reed, Smith, and the various COE players very soon. This project is also potentially large enough to warrant LSU Foundation involvement. Finally, my best piece of advice here is that the COE should go to great lengths to keep Smith Frederick as the point person for the project management and training design; Jim Reed is very partial to Smith, and I honestly doubt that he'd stay interested in UNM if Smith was not a key part of the equation. It would do my successor well to get to know Smith soon; he is a tremendous resource and a great guy.

Hobbs/Maddox Foundation Initiative: This one is just getting off the ground, under the leadership of Judith Ponticell. In a nutshell, Judith will be working with Bob Reid of the Maddox Foundation and the Hobbs Public Schools on a project to conduct professional development for school administrators in Hobbs. I believe that they have worked out the preliminary details for a $100,000 project, to be jointly funded by Maddox and HPS. Bear in mind that Maddox is one of those VERY wealthy and VERY parochial New Mexico foundations that UNM has not had much success in courting over the years. So this initiative is important way beyond the dollars – further positioning the COE in the forefront of UNM's statewide service mission. I suggest working closely with Judith and offering proposal writing/other assistance as needed (also be sure that the Maddox funds are channeled appropriately through the COE Development Office).

Travelstead Endowment: With roughly $400,000 remaining to be raised to reach the endowed professorship level, this initiative needs to be close to the top of the agenda for my successor. One potentially beneficial "new" factor in the Travelstead mix is SB-14, the recently-passed State legislation designed to provide matching funds for endowed professorships and chairs at UNM, NMSU, and other colleges/universities in the state. The specifics of the UNM strategy for using its allocated funds were not completed when I left UNM, so I would strongly suggest that Vi and Margaret follow (and contribute to) these discussions in the period before my successor takes office. SB-14 holds great potential to galvanize alumni and other giving to the Travelstead campaign – but proactive COE involvement in UNM and Foundation-level discussions will be required.

Conclusion

I'll close with a heartfelt THANK YOU to Vi, Margaret, and the entire COE. It has been wonderful working with such an outstanding group of individuals. Please keep in touch.



School of Engineering
University of New Mexico

Annual Report 2001-2002

School of Engineering Annual Report

July 1, 2001 to June 30, 2002

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SCHOOL OF ENGINEERING ANNUAL REPORT
JULY 1, 2001 – JUNE 30, 2002

JOSEPH L. CECCHI

DEAN OF ENGINEERING

PROFESSOR OF CHEMICAL AND NUCLEAR ENGINEERING

It is my pleasure to introduce the School of Engineering's Annual Report for the 2001-2002 academic year. My main goal in this introduction is to highlight some of the salient new developments over the past year. But let me begin with what *hasn't* changed. First and foremost is our continued commitment and attention to providing outstanding engineering and computer science education to our students at the Bachelors, Masters, and Doctoral levels. Outstanding engineering and computer science education demands a symbiosis between excellent teaching and cutting edge academic research, and we are fortunate, in this regard, to have exceptionally active research-faculty working in some of the most exciting current areas. From this we gain the substantial benefit of delivering engineering education in a research-intensive environment, with all that implies for enrichment of our curricula. No disciplines benefit more from diversity, in all of its dimensions, than do engineering and computer science. The School's Diversity Programs provide recruitment, bridging, and support for our students from underrepresented groups to ensure their success in their academic work and their careers beyond. At the same time, our Engineering Student Programs provide critical support for all of our students. And finally, we continue to value and benefit from our partnerships with other UNM colleges, schools, and centers, as well as our many external partners in the community. This is particularly reflected in our many interdisciplinary teaching and research programs that provide unique learning opportunities.

Perhaps the most significant factor that underlies our successes has been our ability over time to attract outstanding faculty to the School, and I am happy to report this continued into the 2001-2002 academic year. During this year, we added seven new Assistant Professors and two new Associate Professors. We were also able to recruit Dr. Julia Fulghum from Kent State University as Professor and Chair of Chemical and Nuclear Engineering. Professor Fulghum is the first female department chair in the history of the School of Engineering. The group of ten new faculty significantly enhances the strength of our teaching and research programs. It is also notable that three of the ten are from underrepresented groups and four are women.

After serving as Associate Dean of Engineering for over 15 years, Professor Dave Kauffman elected to step down to return full-time to the Department of Chemical and Nuclear Engineering. Dean Kauffman served in his position under five different deans of engineering and contributed outstandingly to the schools programs throughout his tenure. I would particularly like to thank Dave for all the support he has given me since I have come into the dean's office. Dean

Kauffman has been succeeded by Professor Chuck Fleddermann, who was appointed during the past year as Associate Dean for Academic Affairs. Dean Fleddermann also holds the position of Professor of Electrical and Computer Engineering. Also during the past year, the School established a new position, Associate Dean for Research. This position was filled by Professor John Russell, who had formerly been Director of Research for the School. Dean Russell has a concurrent appointment as Professor of Mechanical Engineering.

Turning to the numbers, our overall undergraduate enrollment declined slightly from that of the previous year, but the magnitude of the change is within normal year-to-year variation, rather than being indicative of any trend. There are, however, some differences among the individual departments (see Table 1). Graduate enrollments are up significantly from last year, continuing a four-year trend. The graduate enrollment for the School represented 28% of the total student enrollment, or 37%, excluding the "premajors." The number of B.S. and M.S. degrees awarded increased slightly from the previous year, with the number of Ph.Ds remaining constant. Among the undergraduate degrees awarded, 20% went to women students, 41% to students from underrepresented groups, and 5% to foreign students. Among graduate degrees awarded, 20% went to women, 8% to students from underrepresented groups, and 44% to foreign students. Student credit hour production (unweighted) for lower and upper division courses remained essentially flat, while those for graduate division courses rose a significant 27%.

Research expenditures associated with faculty from the School of Engineering declined from $41,58M in '00-'01 to $32.02M in '01-'02. The principal reason for this was a decline from $27.27M ('00-'01) to $15.22M ('01'-'02) in research expenditures within UNM centers outside of the School. Most of this decline resulted from UNM losing the U.S. Air Force contract to run the Maui High Performance Computing Center. Expenditures from departments and SOE centers rose from $14.31M in'00-'01 to $16.8M in '01-'02.

The remainder of this section includes summary data for the School covering enrollments, degrees, demographics, research activity, and etc. Following that is a compendium of individual reports from each of our five departments, Diversity Programs, Engineering Student Support Programs, and our centers and institutes. I invite you to read on.

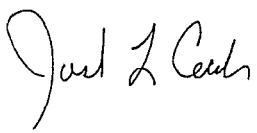


Table 1: Undergraduate Enrollment

	97/98	98/99	99/00	00/01	01/02
Chemical & Nuclear Engineering (ChNE)	70	76	87	88	78
Civil Engineering (CE)	135	130	135	123	114
Computer Science (CS)	204	242	254	251	313
Electrical & Computer Engineering (EECE)	259	268	305	305	289
Mechanical Engineering (ME)	188	187	200	205	176
Manufacturing. & Robotics Prgm.	4	1	7	2	5
Pre-major	527	502	559	554	516
Assoc. Degree Program	0	0	0	0	0
Total	**1,387**	**1,406**	**1,547**	**1,528**	**1,491**

Table 2: Graduate Enrollment	**97/98**	**98/99**	**99/00**	**00/01**	**01/02**
Chemical & Nuclear Engineering	115	101	92	74	71
Civil Engineering	70	66	65	63	70
Computer Science	87	96	100	111	144
Electrical & Computer Engineering	167	137	166	190	190
Mechanical Engineering	81	72	62	81	97
Total	**520**	**472**	**485**	**519**	**572**

Table 3: SOE Degrees Awarded	**97/98**	**98/99**	**99/00**	**00/01**	**01/02**
B.S.	159	218	166	172	188
M.S., M.Eng.	115	114	94	94	101
Ph.D.	38	23	22	25	25
Total	**312**	**355**	**282**	**291**	**314**

Table 4: SOE Graduates 2001/2002 by Department and Degree	B.S.	M.S., M.Eng.	Ph.D.
Chemical & Nuclear Engineering	25	9	7
Civil Engineering	29	21	2
Computer Science	32	20	3
Electrical & Computer Engineering	49	36	11
Mechanical Engineering	53	15	2
Total	**188**	**101**	**25**

Table 5: Demographics of Undergraduate Degrees Awarded 2001/2002

Number of Students	Total	Women	Minority	African American	Hispanic	Asian	Native American	Foreign
ChNE	25	9	7		5	1	1	1
CE	29	9	17		10	3	4	1
CS	32	7	9		7	2		3
EECE	49	9	22	1	17	3	1	4
ME	53	4	22	2	15	3	2	1
Mfg. & Robotics	0							
Total	**188**	**38**	**77**	**3**	**54**	**12**	**8**	**10**

Table 5: Cont...

Percentage of Students	Women	Minority	African American	Hispanic	Asian	Native American	Foreign
ChNE	36%	28%	0%	20%	4%	4%	4%
CE	31%	59%	0%	34%	10%	14%	3%
CS	22%	28%	0%	22%	6%	0%	9%
EECE	18%	45%	2%	35%	6%	2%	8%
ME	8%	42%	4%	28%	6%	4%	2%
Mfg. & Robotics	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table 6: Demographics of Graduate Degrees Awarded 2001/2002

Number of Students	Total	Women	Minority	African American	Hispanic	Asian	Native America n	Foreign
ChNE	15	5	0					8
CE	23	7	3		3			8
CS	23	5	1		1			9
EECE	47	7	2		1	1		29
ME	15	1	3		3			1
Hazard. Waste Eng.	1		1		1			
Mfg. & Robotics	2		0					
Total	**126**	**25**	**10**	**0**	**9**	**1**	**0**	**55**

Table 6: Cont...

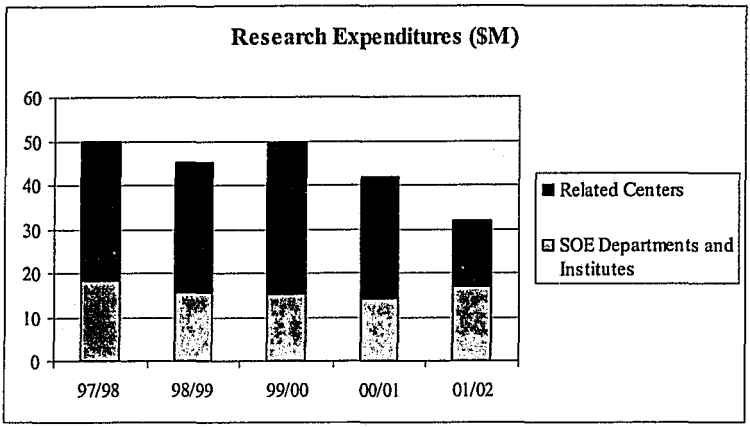
Percentage of Students	Women	Minority	African America n	Hispanic	Asian	Native America n	Foreign
ChNE		0%	0%	0%	0%	0%	53%
CE	30%	13%	0%	13%	0%	0%	35%
CS	22%	4%	0%	4%	0%	0%	39%
EECE	15%	4%	0%	2%	2%	0%	62%
ME	7%	20%	0%	20%	0%	0%	7%
Hazard Waste Eng.	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Mfg. & Robotics	0%	0%	0%	0%	0%	0%	0%

Table 7: Total Student Credit Hours for All SOE Departments

	97/98	98/99	99/00	00/01	01/02
Lower Division	8,032	9,639	9,904	9,461	9,157
Upper Division	13,996	12,217	11,865	12,337	12,378
Graduate	7,132	6,160	6,299	6,553	8,341
TOTAL	**29,160**	**28,016**	**28,068**	**28,351**	**29,876**

Table 8: Research Expenditures (in Millions)

$'s in Millions	97/98	98/99	99/00	00/01	01/02
SOE Departments and Institutes	18.16	15.49	15.21	14.31	16.80
Related Centers	31.79	29.66	34.39	27.27	15.22
Total	**49.95**	**45.15**	**49.60**	**41.58**	**32.02**



FACULTY APPOINTMENTS 7/1/00- 6/30/01

Christensen, Kenneth	Assistant Professor of Mechanical Engineering	January 2002
Fulghum, Julia	Professor & Chair of Chemical and Nuclear Engineering	August 2002
Gorbatikh, Larissa	Assistant Professor of Mechanical Engineering	January 2002
Hayat, Majeed	Associate Professor of Electrical and Computer Engineering	August 2001
Huffaker, Diana	Associate Professor of Electrical and Computer Engineering	August 2001
Krishna, Sanjay	Assistant Professor of Electrical and Computer Engineering	January 2002
Lane, Terran	Assistant Professor of Computer Science	August 2002
Lin, Yu-Yun (Claire)	Assistant Professor of Mechanical Engineering	January 2002
Pedregal Martin, Cristobal	Assistant Professor of Computer Science	January 2002
Saia, Jared	Assistant Professor of Computer Science	August 2002

Seo, Jongwon (John)	Assistant Professor of Civil Engineering	January 2002
Tyo, Scott	Assistant Professor of Electrical and Computer Engineering	August 2001

RESIGNATIONS

Cheng, Julian	Professor of Electrical and Computer Engineering	August 2001

RETIREMENTS

Crowley, Charles	Associate Professor of Computer Science	January 2002
Humphries, Stanley	Professor of Electrical and Computer Engineering	January 2002
Lutze, Werner	Professor of Chemical and Nuclear Engineering	September 2001
May, Gerald	Professor of Civil Engineering	June 2002
Neamen, Donald	Professor of Electrical and Computer Engineering	January 2002
Shahinpoor, Mohsen	Professor of Mechanical Engineering	June 2002
Shapiro, Henry	Professor of Computer Science	January 2002

PROMOTIONS

Heileman, Gregory	Professor of Electrical and Computer Engineering

TENURE AWARDED

None

SABBATICALS

Ackley, David	Associate Professor of Computer Science	AY 01-02
Caudell, Thomas	Associate Professor of Electrical and Computer Science	Sem I-01
Chua, Koon Meng	Professor of Civil Engineering	AY 01-02
Fisher, Deborah	Associate Professor of Civil Engineering	Sem II-02
Jamshidi, Mo	Professor of Electrical and Computer Engineering	Sem II-02
Lester, Luke	Associate Professor of Electrical and Computer Engineering	AY 01-02
Luger, George	Professor of Computer Science	AY 01-02
Nuttall, Eric	Professor of Chemical and Nuclear Engineering	AY 01-02
Prinja, Anil	Professor of Chemical and Nuclear Engineering	AY 01-02
Ross, Tim J.	Professor of Civil Engineering	AY 01-02
Shelton, Steven	Professor of Civil Engineering	AY 01-02
Ward, Timothy L.	Associate Professor of Chemical and Nuclear Engineering	AY 01-02

LEAVE

Jordan, Ramiro 5/2002	Associate Professor of Electrical and Computer Engineering	4/2001-

Professional Society Fellows

Society	Fellow
American Association for the Advancement of Science	William A. Gross (Professor Emeritus)
	Mohammad Jamishidi
American Ceramic Society	C. Jeffrey Brinker
	Ronald E. Loehman
American Concrete Institute	William Gerstle
American Institute of Chemical Engineers	Mohamed S. El-Genk
American Nuclear Society	Mohamed S. El-Genk
American Physical Society	Stanley Humphries, Jr. (Professor Emeritus)
American Society of Civil Engineers	Arup Maji
	Timothy J. Ross
	Timothy J. Ward
American Society of Mechanical Engineers	Mohamed S. El-Genk
	William A. Gross (Professor Emeritus)
	Marc Ingber
	Mohammad Jamshidi
	Arsalan Razani
	Howard L. Schryer (Professor Emeritus)
	Moshen Shahinpoor
International Society for Optical Engineering	Marek Osinski
Institute of Electrical and Electronic Engineers	Nasir Ahmed (Professor Emeritus)
	Stephen R. J. Brueck
	Christos Christodoulou
	Peter Dorato
	William A. Gross (Professor Emeritus)
	Arthur Guenther
	Ravinder K. Jain
	Mohammed Jamshidi
	Shlomo Karni
	Edl Schamiloglu
Institute of Transportation Engineers	Jerome W. Hall
Optical Society of America	Stephen R. J. Brueck
	Arthur Guenther
	Ravinder K. Jain
	John R. McNeil (Professor Emeritu)
Society for Photonics and Instrumentation Engineers	Ravinder K.Jain
National Academy of Engineering	C. Jeffrey Brinker
	William A. Gross, Member (Professor Emeritus)

UNM/Sandia National Laboratories Distinguished Professors

Dr. Ronald Loehman	Chemical and Nuclear Engineering

UNM/Los Alamos National Laboratory Distinguished Professor

Dr. Jonathan Phillips	Chemical and Nuclear Engineering

School of Engineering Staff
Office of the Dean, Engineering Student Programs

Joseph L. Cecchi, (Ph.D., 1972, Harvard University), Dean

Charles B. Fleddermann, (Ph.D. 1985, Illinois University), Associate Dean of Academic Affairs

John J. Russell, (Ph.D. 1974, University of Michigan), Associate Dean of Research

Diane S. Gwinn, (B.S. 1979, Oklahoma State University), School Administrator

Pete Morgan, (B.B.A., 1984, University of New Mexico), Accountant

Maria Martinez, Administrative Assistant to the Dean

Erika A. Tran, Administrative Assistant II

Deborah Dobson, (B.A., 1978, University of Iowa), Acting Development Officer

Charles Reuben, (B.A., 1980, St. John's College, Santa Fe), Coordinator Copy Center

Appointments

Charles B. Fleddermann, (Ph.D. 1985, Illinois University), Associate Dean of Academic Affairs

John J. Russell, (Ph.D. 1974, University of Michigan), Associate Dean of Research

Retirements

None

Resignations

None

Department of Civil Engineering
Annual Report
July 1, 2001 to June 30, 2002
By Timothy J. Ward, Chairperson

1. Introduction

The Department continues to experience steady growth in the numbers of enrolled students, in student credit hour production, and in research contract amounts and expenditures. The growth in student numbers tends to parallel the national statistics for civil engineering, which show a small increase as well. Degrees awarded increased this year after falling last year. Two Ph.D. degrees were awarded after two years with no degrees reflecting the fact that the doctoral students in progress are beginning to complete their programs. The Department conducted two searches this year, with only one success in filling a position. Dr. Kerry Howe was hired for the environmental engineering position and will start at UNM in August. The structures/materials engineering position was not filled after the offer to the best candidate was refused. Dr. John Seo, who was hired last year in the construction programs area, started in January of 2002 only to resign during the summer for personal reasons to move back to South Korea. The Department will start searches this year for two positions, one in construction programs and one in structures. All the tenure-track faculty members are licensed professional engineers in either New Mexico or other US jurisdictions. The Department continued planning for the new building with anticipation that it will be ready for occupation in the 2005-2007 time frame. That will be none to soon as the Department agreed to relinquish building space in Tapy and Wagner Halls to house the operations of the School of Engineering Diversity Programs. Diversity Programs needed to vacate the Engineering Annex, which was slated for demolition in summer 2002.

2. Student Enrollments (1997-2002)

Undergraduate— Civil Engineering					
	Fall 1997	**Fall 1998**	**Fall 1999**	**Fall 2000**	**2001/2002**
Sophomore	24	33	26	29	15
Junior	55	30	43	31	36
Senior	52	81	42	35	24
Total	**131**	**144**	**111**	**95**	**75**
Undergraduate— Construction Engineering					
	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
Sophomore	Previous Year's Enrollment included in table above				1
Junior					0
Senior					1
Total					**2**
Undergraduate— Construction Management					
	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**

Sophomore	Previous Year's Enrollment included in table above				4
Junior					13
Senior					5
Total					**22**
Civil Engineering Department Undergraduates Total					**99**

Graduate

	1997/1998		1998/1999		1999/2000		2000/2001		2001/2002	
	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II
M.S.	55	53	53	55	56	45	47	47	47	46
Ph.D.	15	12	14	10	12		15			
Total	**70**	**65**	**67**	**65**	**68**		**79**			

3. Degrees Awarded (1997-2002)

Degrees Awarded	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
B.S. Civil Engineering	27	33	32	19	22
B.S. Construction Engineering	1	1	4	2	1
B.S. Construction Management	5	5	2	2	7
M.S., Civil Engineering	19	16	17	14	20
Ph.D., Engineering	4	3	0	0	2

M.S. Breakdown of Plan I (Thesis) and Plan II (Non-Thesis)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Thesis	7		7		7
Non-Thesis	12		10		13

M.S. and Ph.D. Student Thesis and Dissertation Titles

Summer 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Magal, Sanjay	Ross	Master's Project
M.S.	Miller, Charles	Ross	Master's Project
M.S.	Zhu, Zhongiang	Coonrod	Master's Project
Ph.D.	Pringle, Scott	Thomson	Experimental Studies of Two-Solute Double-Diffusive Finger Convection in a Hele-Shaw Cell

Fall 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Dragomir-Ramos, Rachelle	Stormont	Performance of a Fiberglass Based Geocomposite Capillary Barrier Drain
M.S.	Edwards, Alissa	Maji	Understanding Failure and Damage in Composite Chambercore Structure
M.S.	Griego, Juan Lawrence	Fisher	Master's Project
M.S.	Jiang, Runian	Brogan	Process Modeling of Integrated Transportation Design
M.S.	Kunda, Rahda	Fisher	Semi-automating the Optimization of Work-Zone Constructibility Analysis Using GIS
M.S.	MarcAurele, Michael	Thomson	Master's Project
M.S.	Ning, Ying	Ross	Master's Project
M.S.	Pallachulla, Kiran	Brogan	Mitigating Alkali Silica Reactivity by Use of Flyash and Lithium Nitrate Admixtures
M.S.	Verhage, Kathleen	Thomson	
Ph.D.	Orozco, Ana	Maji	Investigation of Ductility in FRP Reinforced Concrete Beams

Spring 2002 Graduates

Degree	Student	Advisor	Title
M.S.	Aube, David	Ng	
M.S.	Chavez, Gregory	Ross	Evaluation of Methods for Possibilistic Normalization of Random Intervals
M.S.	Etter, Arthur	Ross	Master's Project
M.S.	Meier, Derek	Brogan	Master's Project
M.S.	Schiavo, Nick	Thomson	Master's Project
M.S.	Vasquez, David	Thomson	Master's Project
M.S.	Watt, Vicky	Ross	Master's Project
M.S.	Zhou, Shenxiong	Stormont	Unsaturated Water Movement Simulations of Pavement Subsurface Drainage Systems

Graduate Student Awards:

None.

5. Faculty, Degrees, and Specializations
Regular:

Professor James Brogan, P.E.
Ph.D., University of Tennessee, 1977, transportation planning and engineering.

Professor Koon Meng Chua, P.E.†

Ph.D., Texas A&M University, 1986, soil mechanics and pavement design.

Assistant Professor Julie Coonrod, P.E.
Ph.D., University of Texas, Austin, 1998, water resources and GIS.

Associate Professor Deborah Fisher, P.E.
Ph.D., University of Texas, Austin, 1989, construction engineering and management.

Professor Walter Gerstle, P.E.
Ph.D., Cornell University, 1986, structural analysis and design.

Professor Jerome Hall, P.E.
Ph.D., University of Washington, 1969, highway and traffic engineering.

Lecturer II, Lary Lenke, P.E.
M.S., University of New Mexico, 1985, structural engineering.

Professor Arup Maji, P.E.
Ph.D., Northwestern University, 1988, structural engineering and experimental mechanics.

Associate Professor James Matthews, P.E.†
Ph.D., University of Missouri, 1974, water and wastewater treatment.

Professor Gerald May, P.E.
Ph.D., University of Colorado, 1967, engineering materials and structural analysis. (Retired)

Associate Professor Tang-Tat Percy Ng, P.E.
Ph.D., Renesselaer Polytechnic Institute, 1989, soil mechanics and geotechnical engineering.

Professor Timothy Ross, P.E.
Ph.D., Stanford University, 1983, structural mechanics, fuzzy systems, and environmental microscopy.

Assistant Professor Jongwon (John) Seo, P.E.†
Ph.D. University of Texas at Austin, 1998, construction engineering and management.

Professor Stephen Shelton, P.E.
Ph.D., University of Tennessee, 1974, environmental and water resources.

Associate Professor John Stormont, P.E.
Ph.D., University of Arizona, 1990, geotechnical and environmental engineering.

Professor Bruce Thomson, P.E.
Ph.D., Rice University, 1979, water quality and treatment.

Professor and Chair Timothy J. Ward, P.E.,

Ph.D., Colorado State University, 1976, hydrology, geotechnical engineering and water quality.

† Licensed P.E. in a state other than New Mexico

The following individuals taught Civil Engineering classes as adjunct faculty during 2001-02:

Dr. Marion Cottrell, CE 302, Mechanics of Materials.
Dr. Ashok Ghosh, CE 350, (AOA ME 350) Engineering Economy
Dr. Nadim Khandiker, CE 532, Advanced Physical-Chemical Treatment
Mr. Dennis Roberts, CE 475, Construction Safety.
Mr. Timothy Sheehan, J.D., CE 492/CE 598, Construction Law.
Dr. Robert Waters, CE531, Physical and Chemical Treatment of Water and Wastewater.
Dr. Jeffrey Welsh, CE 302, Mechanics of Materials.

6. Faculty Appointments, Retirements, and Resignations

Appointments:

Dr. Jongwon (John) Seo was appointed Assistant Professor in Construction Engineering and Construction Management.

The following have a Letter of Academic Title with Civil Engineering:
David Albright
Christopher Campbell
Nadim Khandaker
R. Gordon McKeen
Don Silva
Stephen Staneff
Debra Thrall

Administrative Appointments:

None.

Retirements and Resignations:

Dr. Gerald May retired on June 30, 2002.

7. Faculty Promotion and Tenure Actions

None.

8. Faculty News

The following administrative changes took place during the current fiscal year:

Sabbaticals:
Dr. Koon Meng Chua for Fall 2001 and Spring 2002
Dr. Deborah Fisher for Spring 2002
Dr. Tim J. Ross for Fall 2001 and Spring 2002, also a Fulbright Scholar to Canada
Dr. Steven Shelton for Fall 2001 and Spring 2002

Other Noteworthy Achievements of the Faculty:

Dr. Walter Gerstle was named a Fellow of the American Concrete Institute.

Professor Arup Maji was named a Fellow of the American Society of Civil Engineers.

Dr. Bruce Thomson received the Senior Faculty Research Excellence Award for the School of Engineering for 2001-2002.

Best Paper Awards:

None

Recruiting Initiatives:

Began preparation for a section of ENGR-F116 to be offered in Fall 2002, to students declaring themselves as interested in civil engineering or unsure of an engineering field.

Major Research Awards:

None

National Science Foundation (NSF) Career Award:

None

Books Published:

None

Workshops Hosted and Sponsored:

Organized and hosted 39th Annual Paving & Transportation Conference in Albuquerque, NM

Scheduled and hosted the CE Graduate Seminar series as shown in the table below:

2001/2002 Graduate Seminar Series			
Date	**Title**	**Presenter**	**Institution**
8/23/01	Fachhochschule Nordhausen (University of Applied Sciences)	Dr. Sylvia Schade-Dannewitz and	Fachhochschule Nordhausen (University of Applied Sciences)

		Sylvana Krausse	
8/30/01	Conducting Research and Writing About It Graduate Studies in the Department of Civil Engineering	Dr. Timothy J. Ward Dr. Bruce Thomson	University of New Mexico, Civil Engineering Department
9/06/01	Consider the Possibilities	Dr. Jerald Rounds	University of New Mexico, Civil Engineering Department
9/13/01	Role of Chemical and Mineral Admixtures on Performance and Economics of Recycled Aggregate Concrete Feasibility and Performance of Recycled Aggregate in Concrete Containing Fly Ash for Sustainable Buildings	V. Corinaldesi G. Moriconi	Department of Materials and Earth Sciences Faculty of Engineering, University of Ancona, ITALY.
9/20/01	Determining Evapotranspiration Rates in the Middle Rio Grande Bosque: 3-D Eddy Covariance and Remote Sensing Techniques	Dr. Julie Coonrod	University of New Mexico, Civil Engineering Department
9/27/01	WERC's Pollution Prevention Outreach	Chris Campbell	WERC Pollution Prevention Technical Resources Center, Albuquerque, NM
10/04/01	Lessons Learned from a Community Based Arsenic Mitigation Action Research Program Implemented in Four Affected Regions of Bangladesh	Dr. Nadim Reza Khandaker	Sandia National Lab
10/18/01	A General Overview of Civil Engineering Resources in Centennial Science and Engineering Library	Bruce Neville	University of New Mexico Centennial Science and Engineering Library
10/25/01	"Stress Space" and the Role It Plays in Computational Plasticity	Rebecca Brannon	Sandia National Laboratory
11/01/01	Operating System Stability and Security Through Process Homeostasis	Dr. Anil Somayaji	University of New Mexico, Department of Computer Science
11/8/01	Rural Water Resources Development in Honduras: An Experimental Approach	Dr. Michael E. Campana	University of New Mexico, Department of Earth and Planetary Sciences
11/15/01	Nonlinear Water Waves Propagating Over a Permeable Bed	Dr. Shih-Chun Hsiao	University of New Mexico, Department of Mechanical Engineering
11/29/01	Groundwater Bioremediation at the Santa Fe Well	John Pietz, PE	IT Corporation, Albuquerque, NM
12/6/01	Summary of Ongoing Work at the Air Force Research Labs Space Vehicles Directorate	Jeff Ganley	Air Force Research Labs, Albuquerque, New Mexico
1/17/02	Conducting Research and Writing About It	Dr. Timothy J. Ward	University of New Mexico, Civil Engineering Department
1/24/02	Hydrology Experiments for Nuclear Power Plants	Dr. Arup K. Maji	University of New Mexico, Civil Engineering Department

1/31/02	Arsenic in Drinking Water: Risks, Water Treatment and the Role of the Engineering Profession	Dr. Bruce Thomson	University of New Mexico, Civil Engineering Department
2/07/02	South Pino Water Quality Project	Jerry Lovato, PE	Albuquerque Metropolitan Arroyo Flood Control Authority
2/14/02	Demonstration of Foundation Behavior Principles	R. Gordon McKeen, PE	ATR Institute
2/21/02	Bridges: Structure, Function and Space	Dr. Christopher Mead	University of New Mexico, School of Architecture and Planning
3/07/02	Graduate Research in Structural Engineering and Mechanics	Jay Brown Douglas Campell Patrick Montemerlo	University of New Mexico, Civil Engineering Department
3/21/02	Technology Problems in Infrastructure Management	Dr. Stephen Staneff	Construction Data and Reseach, Inc., Albuquerque, NM
3/28/02	Analytical Modeling of a Single- and a Multi-Stage Rapid Ground Penetrator in Normal and in Oblique Impact	Dr. Koon Meng Chua Dr. Stewart Johnson	University of New Mexico, Civil Engineering Department Sandia National Laboratories
4/04/01	Results of Hazardous and Mixed Waste Excavation from the Chemical Waste Landfill	Rhonda Methvin	GRAM, Inc.
4/18/02	Tectonics of the Western U.S.: Physics Applied to the San Andreas Fault and the Colorado Plateau	Dr. Mousumi Roy	University of New Mexico, Department of Earth and Planetary Sciences
4/25/02	Testing of Highway Bridges – Challenges (A World Bank Project)	Dr. Ashok Ghosh	University of New Mexico, Civil Engineering Department

9. Staff Appointments, Awards, and Resignations
Continuing:

Lina M. Hart, (B.B.A., 1999, University of New Mexico) Department Administrator I
Ida G. Padilla, Administrative Assistant I
Geraldine Hopkins, Administrative Assistant II

Appointments:

Jacqueline Wendleton was appointed Accountant I on November 28, 2001.
Thomas Escobedo was appointed the Teaching Laboratory Supervisor on June 1, 2002.

Awards:

Ida Padilla received the School of Engineering Outstanding Support Staff Award in April 2002.

Resignations:

Luisella Corbellari, Administrative Assistant II, resigned July 13, 2001.

10. Student Awards and Scholarships

School of Engineering Scholarships

Scholarship Name	Student	Amount
NSF CSEM	Carlos Aragon	$1250
Leonard	Leanor Baca	$1105
Leonard	Johnny Chacon	$1100
Leonard	Roy Gallea	$750
Leonard	Corina Valdez	$1500
NSF CSEM	Jennifer Walters	$1250
NSF CSEM	Donald Duneman	$1250
NSF CSEM	Todd Kirkpatrick	$1250
NSF CSEM	Leanor Baca	$1250
WERC	Jeremy Anderson	$1500
WERC	Alicia Aragon	$1500
WERC	Enrique Farfan	$750
WERC	Gregory Gartland	$750
Total		**$15,205.00**

Department Scholarships

Scholarship Name	Student	Amount
American Society for Professional Estimators	Jacob O'Neil	$500
Bohannan-Huston	William Tierney	$1000
California Building Industry	Brent Melville	$700
California Building Industry	Jacob O'Neil	$1200
Emeriti	Ana Orozco	$500
Emeriti	Elizabeth Rutman	$500
Emeriti	Nathaniel Todea	$500
Jennett Endowed Fellowship	Alicia Aragon	$1250
Reed Memorial	Jeremy Anderson	$1500
Reed Memorial	Jennifer Greenleaf	$300
Reed Memorial	Elizabeth Herrick	$1500
Reed Memorial	Todd Kirkpatrick	$1000
Reed Memorial	Han Mai	$1000
Reed Memorial	Brent Melville	$500
Reed Memorial	Joseph Roybal	$1000
Reed Memorial	Ben Shankle	$1000
Reed Memorial	Margaret Stevenson	$1500
Reed Memorial	Hope Tran	$1500
Reed Memorial	Eugenio Valdez	$1000
Reed Memorial	Jennifer Walters	$1500
Steve Reynolds Memorial	Consuelo Otero	$1500

George Rutherford	Ernest Fletcher	$1000
Wilson & Company	Margaret Stevenson	$430
Totals		**$22,380.00**

Awards: 2002
General

Outstanding Junior in Civil Engineering	Joseph A. Roybal
Outstanding Senior in Civil Engineering	Jennifer Greenleaf
Outstanding Graduate in Civil Engineering	Shenxiong Zhou

Breece Prize (Undergraduate student with the highest grade point average (GPA) in the UNM School of Engineering)
William Tierney

11. Amount of New Awards & Research Expenditures (1997-2002)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Total Expenditures	$1,056,946	$883,376	$978,529	$1,178,316	$1,208,928
Total Awards	$1,045,169	$958,966	$1,543,444	$1,184,089	$1,420,272

Funded Contracts: FY 2001-2002

Proposal Number	PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
110/801.09	Maji	BMDO	Micromechanics of Smart Materials for Large Deployable Mirrors	06/01/02	05/31/05	$200,511
110/1200.10A	Ng	Sandia	Numerical Analysis of Containers	12/22/00	09/30/02	$25,000
110/1001.14	Stormont	Sandia National Laboratories	Support for YMP, underground storage and water surety.	11/12/01	10/31/02	$24,309
110/0102.20	Ward	WERC/NMSU	WERC Administration	07/01/01	06/30/03	$42,205
110/0202.24	Coonrod	Interstate Stream Commission	A Pilot Study to Determine Methods for Creating Historical Digital Database of the Middle Rio Grande	06/03/02	12/31/03	$19,222
110/0202.241	Coonrod	Bureau of Reclamation	Scaling Evapotranspiration Measurements Along the Middle Rio Grande Corridor	08/14/02	12/31/03	$115,879
110/1200.	Ng	Sandia	Numerical Analysis of	12/22/00	09/30/02	$25,000

10B			Containers			
110/0502.30	Hall & Brogan	NMSHTD	Geometric Design Short Course	06/26/02	06/30/03	$24,600
110/0502.35	Coonrod	Tetra Tech, Inc	Compilation of ET data and GIS data	07/01/02	08/31/02	$21,600
110/700.01E	Rajen	Sandia National Labs	Support of CMC South Asia Cooperative Monitoring Projects	08/15/02	09/30/02	$11,500
110/0602.37	Ng	Air Force Research Laboratory	IPA 244 to AFRL	07/10/02	07/09/03	$82,026
110/0602.38	Coonrod	AMAFCA	Open Channel Modeling, Year 14	07/01/02	06/30/03	$50,000
110/0602.39	Hall & Brogan	NMSHTD	Traffic Engineering Support, Including WIPP Routes	06/12/02	06/12/04	$249,000
110/0602.40	Stormont	US Army Corps of Engineers	Bonner Mine Instrumentation	06/27/02	09/30/02	$20,000

12. Patents Awarded

None

13. Monetary Donations and Gifts: 2001-2002

Date	Donor Name	Amount
7/27/01	Anthony M. Chavez	$15
10/12/01	Bruce M. Tafton	$300
10/26/01	Hugh. C. Allen	$2000
10/30/01	Ellen M. Killerlain	$100
11/23/01	Martin S. Brown	$25
11/23/01	Lawrence Dean Reaveley	$25
11/28/01	Charles S. Kettering	$125
11/30/01	Michael A. Dora, Jr.	$25
11/30/01	Susan Smith Gibbs	$125
11/30/01	Karen Elizabeth Lowe	$35
11/30/01	Robert S. Maclake	$35
11/30/01	Steven Joseph Metro	$125
11/30/01	Robert J. Paulette	$25
11/30/01	Nancy R. Perea	$50
11/30/01	Kristine L. Susco	$10
11/30/01	Jack P. Norris	$100
12/26/01	Martha J. Benton	$10,000
12/26/01	Bill G. Taylor	$2500

12/31/02	Mike V. L. Mahoney	$396
1/4/01	John P. Thomas	$100
3/31/02	Edward Cartwright	$25
3/31/02	Woodrow W. Hoffman	$125
4/7/02	Miles L. Blackman	$50
4/22/02	Barbara Platz	$100
5/10/02	Allen H. Berkheimer, Jr.	$5000
6/23/02	Anna L. Gaull, Becky & Norman Cade, David & Emy Gaull, Douglas & Mary Gaull, Donald & Abigail Gaull	$125
6/23/02	Beulah Lewis	$25
6/23/02	George E. Paul	$100
6/23/02	Helen & Ralph Temperly, Sally Gavlik	$50
6/30/02	Larry Weintraub	$25
Total Contributions (amount includes equipment, furniture, & supply donations)		**$21,741.00**

Department of Computer Science
Annual Report
July 1, 2001 to June 30, 2002
By Deepak Kapur, Chairperson

1. Introduction

The department continues to make progress towards its overall goal of offering an excellent teaching and research environment for students, as well as developing collaborations with the national laboratories, other academic institutions and industry. The faculty has been actively publishing in top journals, as well as granted several major research awards over the last year, to include 6 ITR awards from the National Science Foundation. The faculty has published 3 more books, bringing the total number of books published by our faculty to 39. The department faculty remains active on the editorial boards of international journals and book series, and has been serving on program committees of reputed international conferences. The average research expenditure of the department over the past 3 years has increased significantly.

The department recruiting efforts were successful and we were able to fill all vacant faculty positions.

Dr. Cris Pedregal Martin joined the department in Spring 2002, as an assistant professor from University of Massachusetts, Amherst, where he received his Ph.D. in Computer Science. His research interests include recovery in transaction systems, software infrastructure support in general, and computer assisted instruction and learning.

Dr. Terran Lane will be joining the department as an assistant professor in Fall 2002 from MIT, where he was a postdoctoral fellow for 2 years. Dr. Lane received his Ph.D. in Electrical and Computer Engineering from Purdue University. His research interests include machine learning, stochastic modeling, reinforcement learning, Markov decision processes, and artificial intelligence with applications to computer security and mobile robotics.

Dr. Jared Saia will be joining the department in Fall 2002, as an assistant professor from University of Washington, where he received his Ph.D. in Computer Science. His research interests include designing provably good algorithms for practical problem and theory of computing.

Professor Ed Angel was appointed the Director of Arts Technology Center in the College of Fine Arts.

Professors Henry Shapiro and Charlie Crowley retired after 25 years of service to the UNM. They made immense contributions to the department's educational goals. They will be missed, particularly because of their service to the department.

Professors Moore and Stefanovic received two separate awards jointly with their colleagues from University of Connecticut and Columbia University respectively, for their work on quantum

computing and molecular computing. Funding is from the newly established program, QuBiC (Quantum and Biologically Inspired Computing), at the National Science Foundation.

Undergraduate Christopher Riley Wilson received an honorable mention in the Computing Research Association Outstanding Undergraduate Award for 2002. He also won the George E. Breece Award for having the highest GPA in the School of Engineering in Fall 2001.

The third floor of Farris Engineering Center was renovated in Summer 2001. An instructional laboratory was created. This laboratory is for use primarily by undergraduate students. In addition, the Scalable Systems Laboratory and Visualization Laboratory were set up to promote graduate education and research in these areas.

2. Student Enrollments (1997-2002)

Undergraduate— Computer Science										
	1997/1998		**1998/1999**		**1999/2000**		**2000/2001**		**2001/2002**	
	Sem I	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**
Sophomore	14	8	21	27	44	23	40	59	79	75
Junior	54	50	68	69	67	80	31	57	80	76
Senior	77	87	80	49	21	38	74	63	73	65
Total	**145**	**145**	**170**	**146**	**135**	**146**	**145**	**179**	**232**	**216**

Graduate										
	1997/1998		**1998/1999**		**1999/2000**		**2000/2001**		**2001/2002**	
	Sem I	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**
Full-Time	66	62	54	50	65	63	61	63	130	144
Part-Time	19	28	42	33	30	36	45	42	28	35
Total	**85**	**90**	**96**	**83**	**95**	**99**	**109**	**105**	**158**	**179**

3. Degrees Awarded (1997-2002)

Degrees Awarded	**1997/1998**	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
B.S.	22	49	30	38	32
M.S.	18	23	15	16	20
Ph.D.	2	4	2	2	3

M.S. Breakdown of Plan I (Thesis) and Plan II (Non-Thesis)

	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
Thesis	0	2	0	5	13
Non-Thesis	18*	21	15	11	7

* M.S. Degrees awarded not broken down by Plan I and II in 1997/1998.

M.S. and Ph.D. Student Thesis and Dissertation Titles

Summer 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Chengyi Gao	Robert Veroff	Mining Association Rules with Item Constraints
M.S.	Gerald Mayer	Robert Veroff	Probabilistic Modeling of Technology Hierarchies Using Bayesian Networks
M.S.	Daniel Small	Lance Williams	Real - Time Shape From - Silhouette
M.S.	Jun Zhang	Edward Angel	Object-oriented Particle Systems for Visualization
Ph.D.	Joseph Lewis	George Luger	Self-Organizing Adaptive Representation in a Behavior - Based Robot
Ph.D.	Lisa Maynes	Barak Pearlmutter	A Software Framework for Engineering Analysis Process Management

Fall 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Adam Siepel	Bernard Moret	Exact Algorithms for the Reversal Median Problem
M.S.	Yan Xu	Bernard Moret	Convex Hull Algorithm Experiments
Ph.D.	Chu Jong	Arthur B. Maccabe	A Framework for Scalable Performance Tools

Spring 2002 Graduates

Degree	Student	Advisor	Title
M.S.	Christopher Lamb	George Luger	Evolutionary Defenses to Denial of Service Attacks
M.S.	Dennis Lucero	Arthur B. Maccabe	Transient Cplant
M.S.	Ge Li	Edward Angel	Parallel Rendering for High Resolution Displays
M.S.	Jiaye Zhou	Robert Veroff	Constructing Regulatory Networks from Gene Expression Data Using Association Rule Mining
M.S.	Jijun Tang	Bernard Moret	A Study of Bounding Methods for Reconstructing Phylogeny by Gene-Order Data
M.S.	Kim Edlund	Thomas Caudell	Quantitative Evaluation of Feature-Based Multi-Resolution Volume
M.S.	Robert Abbott	Stephanie Forrest	Cancer Sim-A Computer Based Model for the Hallmarks of Cancer

Graduate Student Awards:
Kshanti Greene, William and Charlotte Kraft Graduate Fellowship

Michael Belgarde, GEM fellowship, from the National Consortium for Graduate Degrees for Minorities in Engineering and Science (GEM Consortium)

5. Faculty, Degrees, and Specializations

Regular:

Edward S. Angel
Professor; Ph.D., University of Southern California 1968
Graphics, visualization, user interfaces for robotic systems.

Stephanie Forrest
Professor; Ph.D., University of Michigan, 1985
Interests: Adaptive systems, genetic algorithms, computational immunology, computer security, and emergent computation.

Paul A. Helman
Professor; Ph.D., University of Michigan, 1982
Interests: Combinatorial optimization, database design optimization and modeling, data mining, information analysis, intrusion detection.

Deepak Kapur
Professor and Chairman; Ph.D., Massachusetts Institute of Technology, 1980
Interests: Specification and verification, formal methods, automated theorem proving, geometric and algebraic reasoning, symbolic computation, languages.

George F. Luger
Professor; Ph.D., University of Pennsylvania, 1973
Interests: Artificial intelligence, very high level languages, computational models of human problem solving, cognitive science, diagnostics.

Bernard M.E. Moret
Professor; Ph.D., University of Tennessee, 1980
Interests: Complexity theory, design, implementation, and empirical assessment of algorithms and data structures, computational geometry, theory of computation.

Brian T. Smith
Professor; Ph.D., University of Toronto, 1969
Interests: Numerical analysis, linear algebra, numerical software, programming languages, formal analysis of hardware and software, and algorithms for parallel computing architectures

Henry D. Shapiro
Professor; Ph.D., University of Illinois, 1976
Algorithmic paradigms, implementation and empirical assessment of algorithms and data structures, and heuristics for NP-hard problems, modeling of biological and dynamical systems.

Robert L. Veroff
Professor; Ph.D., Northwestern University, 1980
Interests: Automated reasoning, reverse engineering, verification, databases, information analysis.

David H. Ackley
Associate Professor; Ph.D. Carnegie Mellon University, 1987
Interests: Distributed and social computing, artificial life, neural networks, and genetic algorithms.

Charles P. Crowley
Associate Professor; Ph.D., University of Washington, 1976
User interface design, component software, and operating systems, command languages, synchronization, operating system kernels, message passing, simulation software.

Arthur B. (Barney) Maccabe
Associate Professor; Ph.D., Georgia Institute of Technology, 1982
Interests: Design and implementation of very large scale computing systems, lightweight operating systems, high performance networking, and network protocols.

Cristopher Moore
Assistant Professor; Ph.D., Cornell University, 1991
Interests: Computational complexity in statistical physics, quantum and analog computation, dynamical systems, cellular automata, Monte Carlo algorithms and combinatorial games.

Barak A. Pearlmutter
Assistant Professor; Ph.D., Carnegie Mellon University, 1996
Interests: Building, understanding, and analyzing systems that adapt, especially artificial neural networks and biological nervous systems; algorithms for acoustic source separation and localization; programming language design and implementation.

Darko J. Stefanovic
Assistant Professor; Ph.D., University of Massachusetts, 1999
Interests: Programming language systems; memory management; computer security; and molecular security.

Lance R. Williams
Assistant Professor; Ph.D., University of Massachusetts, Amherst, 1994
Interests: Visual information processing in the human brain, computer vision, image processing, and applications of computers in biology and physics.

Jeanine A. Ingber
Lecturer II; Masters degree, University of Michigan, 1983
Interests: Programming languages, and undergraduate education.

Research:

Robert A. Balance
Research Associate Professor; Ph.D., University of California, Berkeley, 1989
Associate Director Albuquerque High Performance Computing Center, University of New Mexico.

Wynette Richards
Visiting Research Staff; MS, University of New Mexico, 1991
Los Alamos National Laboratory

Guido Nolte
Research Assistant Professor
University Klinikum Benjamin Franklin, Berlin, Germany

Benjamin Goertzel
Research Associate Professor
Webmind, Inc.

Visiting:

Bernard Menezes
Visiting Associate Professor
School of Information Technology, Indian Institute of Technology

Suzanne Sluizer
Visiting Lecturer I
University of New Mexico

Geist, Robert M. III
Visiting Professor
Clemson University

Emeritus Honorary and Secondary Appointments:

Don Morrison, Professor Emeriti
Stoughton Bell, Professor Emeriti
John Brayer, Associate Professor Emeriti
James D. Hollan, Adjunct Professor, University of California San Diego
Marek Osinski, Professor of Electrical Engineering and Computer Engineering
Neil Pundit, Adjunct Professor, Sandia Labs
Honghui Wan, Adjunct Professor, National Center for Genome Resources
Thomas Caudell, Associate Professor of Electrical and Computer Engineering
Gregory Heileman, Associate Professor of Electrical and Computer Engineering
Yong-Seok Kim, Adjunct Associate Professor

James Ahrens, Adjunct Assistant Professor, Los Alamos Labs
David Bader, Assistant Professor of Electrical & Computer Engineering
Peter Gemmell, Adjunct Assistant Professor
Bruce A. Hendrickson, Adjunct Associate Professor, Sandia Labs
Madhav Marathe, Adjunct Associate Professor, Los Alamos Labs
Melanie Mitchell, Research Associate Professor, Santa Fe Institute
Rodney Oldehoeft, Adjunct Associate Professor, Los Alamos Labs
Akaysha Tang, Assistant Professor of Psychology

6. Faculty Appointments, Retirements, and Resignations

Appointments:
Cristobal Pedregal Martin
Assistant Professor
Dr. Cris Pedregal Martin joined the department in Spring 2002, as an assistant professor from University of Massachusetts, Amherst, where he received his Ph.D. in Computer Science. His research interests include recovery in transaction systems, software infrastructure support in general, and computer assisted instruction and learning.

Terran Lane
Assistant Professor
Dr. Terran Lane will be joining the department as an assistant professor in Fall 2002 from MIT, where he was a postdoctoral fellow for 2 years. Dr. Lane received his Ph.D. in Electrical and Computer Engineering from Purdue University. His research interests include machine learning, stochastic modeling, reinforcement learning, Markov decision processes, and artificial intelligence with applications to computer security and mobile robotics.

Jared Saia
Assistant Professor
Dr. Jared Saia will be joining the department in Fall 2002, as an assistant professor from University of Washington, where he received his Ph.D. in Computer Science. His research interests include designing provably good algorithms for practical problem and theory of computing.

Donald McLaughlin, Visiting Associate Professor

Jason E. Stewart, Adjunct Assistant Professor, CEO Openinformatics

Suzanne Sluizer, Visiting Lecturer I

Administrative Appointments:
- Departmental Committees:

  Colloquium Committee
  Deepak Kapur

Graduate Admissions
Darko Stefanovic (Chair), Robert Veroff, Barak Pearlmutter, Cristopher Moore, Lance Williams.

Graduate Curriculum
Charles Crowley (Chair), Robert Veroff (co-chair), Bernard Moret, Brian Smith, Cristopher Moore.

Promotion and Tenure
Stephanie Forrest (Chair), Paul Helman, Brian Smith, Arthur B. Maccabe.

Undergraduate Curriculum
Charles Crowley (Chair), Paul Helman (co-chair), Edward Angel, Henry Shapiro, Cristobal Pedregal Martin, Jeanine Ingber, Lynne Jacobsen.

Undergraduate Admissions
Arthur B. Maccabe

Undergraduate Honors Committee
George Luger, Barak Pearlmutter, Lance Williams.

Ph.D. Exam Committee
Bernard Moret, Charles Crowley (Chair) Arthur B. Maccabe.

Undergraduate Advisors
Edward Angel, Charles Crowley, Jeanine Ingber, George Luger, Arthur B. Maccabe, Henry Shapiro, Brian Smith, Paul Helman.

Graduate Advisors
Deepak Kapur, Edward Angel, Bernard Moret, Brian Smith, Robert Veroff, George Luger, Stephanie Forrest, Henry Shapiro, Charles Crowley, David Ackley, Darko Stefanovic.

Outcomes Assessment Committee
Robert Veroff, Deepak Kapur, Jeanine Ingber, Lynne Jacobsen.

Retirements and Resignations:

- Henry D. Shapiro, Professor; Ph.D., University of Illinois, 1976.
- Charles P. Crowley, Associate Professor; Ph.D., University of Washington, 1976.
- David Sankoff, Professor, Visiting Faculty
- Benjamin N. Goertzel, Research Associate Professor
- Guido Nolte, Research Assistant Professor
- Robert M Geist III, Ph.D., Visiting Faculty
- Bernard Menezes, Ph.D., Visiting Faculty
- Olga Sokratova, Ph.D., Visiting Fullbright Research Scholar

8. Faculty News

Sabbaticals:

- George F. Luger, Fall 2001-Spring 2002
- David A. Ackley, Fall 2001-Spring 2002

Other Noteworthy Achievements of the Faculty:

2002 SOE Junior Faculty Teaching Excellence Award, Cristopher Moore
2002 SOE Junior Faculty Research Excellence Award, Cristopher Moore

Major Research Awards:

PI Name	Sponsor Name	Project Title	Amount
Forrest, Stephanie	Air Force Research Laboratory	Automated Diversity in Computer Systems	200,000
Kapur, Deepak	National Science Foundation	Collaborative Research on Semantic Unification and it's Application	137,082
Kapur, Deepak	National Science Foundation	NSF ITR/CCR Integrating Induction into Decision Procedures	130,455
Kapur, Deepak	National Science Foundation	NSF ITR/CCR Integrating Induction into Decision Procedures	133,808
Moret, Bernard M.	National Science Foundation	ITR/AP (IBN): Collaborative Research "Computing Optimal Phylogenetic Trees under Genome Rearrangement Metrics"	161,903
Moret, Bernard M.	National Science Foundation	Collaborative Research: ITR/AP New Methods for Inferring Complex Evolutionary Histories	517,060

Books Published:

Angel, Edward S., *OpenGL: A Primer,* Addison-Wesley, 2001.

Ingber, Jeanine A., Engineering Problem Solving with C, 2/E, Prentice Hall, 2000.

Luger, George F., Artificial Intelligence: Structures and Strategies for Complex Problem Solving, 4/E, Addison-Wesley, 2002.

Workshops Hosted and Sponsored:

Arthur Maccabe, Chair, FAST-OS (Forum to Address Scalable Technology for runtime and Operating Systems) Workshops, February and July 2002.

Cristopher Moore, Co-organizer of Phase Transitions in NP-complete Problems Workshop, 2001, Santa Fe, New Mexico.

Bernard Moret, Chair of WABI 2001 (Int'l Workshop on Algorithms in Bioinformatics),August 2001, Aarhus, Denmark.

Barak Pearlmutter, Co-chair of Neural Information Processing Systems Workshops, 2001.

2001/2002 Graduate Seminar Series			
Date	**Title**	**Presenter**	**Institution**
8/01	*Large-Scale Visualization Projects*	Edward Angel	UNM Computer Science
9/01	*Graduation Requirements in the MS program and Data Mining and Database Research*	Paul Helman	UNM Computer Science
9/01	*Virtual machines and memory management research and Ongoing Projects in the Brain and Computation Lab*	Darko Stefanovic, Barak Pearlmutter	UNM Computer Science
9/01	*Guarantees and Protocols: Abstractions for Recovery*	Cristobal Pedregal Martin	UNM Computer Science
9/01	*The interface between computer science and physics and Research Activities at AHPCC*	Cristopher Moore, Brian Smith	UNM Computer Science
9/01	*Large Scale Data Visualization Using Parallel Data Streaming*	James Ahrens	Los Alamos National Laboratory
9/01	*Two Problems in Computer Vision and Graphics.*	Lance Williams	UNM Computer Science
9/01	*The Webmind AI Engine: A Self-Organizing, Distributed, Integrative, Experiential-Learning-Oriented AI Architecture*	Benjamin Goertzel	UNM Computer Science
10/01	*The New Biology and Terascale Computing*	Grant S. Heffelfinger	Sandia National Laboratory
10/01	*Recent Advances in Phylogeny Reconstruction from Gene-Order Data*	Bernard Moret	UNM Computer Science
10/01	*Master's Thesis Defense: Data Mining with Web Spiders*	Carol Harrison	UNM Computer Science
10/01	*Doctoral Dissertation Defense: Operating System Stability and*	Anil Somayaji	UNM Computer Science

	Security through Process Homeostasis		
10/01	*A Linear-Time Algorithm for Computing Inversion Distance Between Signed Permutations with an Experimental Study*	David Bader	UNM Electrical Engineering and Computer Engineering
10/01	*Finite Model Search in First-Order Logic*	William McCune	Argonne National Laboratory
10/01	*Tinker Toy Parallel Computing: Complicated Applications from Simple Tools*	Bruce Hendrickson	Sandia National Laboratory
10/01	*Synthetic Implementation of Massively Parallel (MP) System Performance Tools*	Chu J. Jong	UNM Computer Science
10/01	*Engineering Applications of Soft Computing*	Andrew H. Sung	New Mexico Tech, Computer Science Department
11/01	*Combining Satisfiability Procedures for Automated Reasoning*	Cesare Tinelli	University of Iowa
11/01	*Master's Thesis Defense: Exact Algorithms for the Reversal Median Problem*	Adam C. Siepel	UNM Computer Science
11/01	*Induction and Decision Procedures*	Deepak Kapur	UNM Computer Science
11/01	*Phase transitions in NP-complete problems*	Cristopher Moore	UNM Computer Science
11/01	*Exact Algorithms for the Reversal Median Problem*	Adam C. Siepel	UNM Computer Science
11/01	*Automated Discovery of Translation Initiation Sites and Promoter Sequences in Bacterial Genomes#*	Jean-Louis Lassez	Integrated Genomics
12/01	*People, Poetry, and Culture: Reinventing Software Development.*	David West	New Mexico Highlands, and UNM Computer Science
12/01	*GeneMind Integrated Analysis of Genomic Data Using the Webmind AI Engine*	Stephan Vladimir Bugaj	Cognitive Bioscience, LLC
12/01	*Dynamic Soaring Revisited*	Ferdinand Hendriks	IBM Thomas J. Watson Research Center
01/02	*Transactions in Novel Applications and Platforms*	Cristobal Pedregal Martin	UNM Computer Science

01/02	*Smart Matter: Frontiers of Computation*	John Gilbert	Xerox PARC
01/02	*Benchmarking OS Bypass In MPI Implementations*	Bill Lawry	UNM Computer Science
02/02	*Evolutionary Algorithms and the Evolution of Variability*	Matt Glickman	UNM Computer Science
02/02	*Introducing FrameNet: a corpus-based lexical resource with deep semantics*	Charles Fillmore	UC Berkeley, International Computer Science Institute
02/02	*Composing and Coordinating Adaptations in Cholla*	Patrick Bridges	University of Arizona, Computer Science Department
02/02	*A Unified Approach to Spatial Outliers Detection*	Chang-Tien "C.T." Lu	University of Minnesota, Department of Computer Science
02/02	*Very Nearly Deterministic Planning*	Terran Lane	Massachusetts Institute of Technology (MIT), Artificial Intelligence Lab
03/02	*Randomized Motion Planning: From Robots, Digital Actors to Molecules*	David Hsu	University of North Carolina at Chapel Hill, Department of Computer Science
03/02	*Master's Thesis Defense: Transient Cplant*	Dennis Lucero	UNM Computer Science
03/02	*Master's Thesis Defense: OS-bypass, Investigation and Experimenting*	Wenbin Zhu	UNM Computer Science
03/02	*Computational Resiliency: Heterogeneous Reliable Applications*	Joohan Lee	Syracuse University, Department of Computer Science
03/02	*Building Better Branch Predictors*	Daniel Jiménez	University of Texas at Austin, Department of Computer Science
03/02	*Master's Thesis Defense: Parallel Rendering for High-Resolution Displays*	Ge Li	UNM Computer Science
03/02	*Censorship Resistant Peer-to-peer Content Addressable Networks*	Jared Saia	University of Washington, Department of Computer Science

03/02	*Indirect Reinforcement Learning: An Analysis of the Exploitation-Exploration Tradeoff and an Application to Human-Computer Interaction*	Satinder Singh Baveja	Syntek Capital
04/02	*Needed: A Theory of Computational Modeling*	William H.Press	Los Alamos National Laboratory
04/02	*PhD Defense: Message-Based, Error-Correcting Protocols for Scalable High-Performance Networks*	Rolf Riesen	UNM Computer Science
04/02	*Zero Copy - Efficiency and Performance Engineering for System Software in Communication.*	Thomas M. Stricker	Laboratory for Computer Systems ETH Zurich, SWITZERLAND
04/02	*Ph.D. Proposal Defense: Residual Information on Sanitized Magnetic Media*	Torsten A. Staab	UNM Computer Science
04/02	*Improved Results for Stackelberg Scheduling Strategies.*	Anil Vullikanti	Los Alamos National Laboratory
04/02	*Pretenuring for Java*	Eliot Moss	University of Massachusetts
04/02	*Global Diffuse Illumination for Image Sequences*	Robert Geist	Visiting Professor, UNM Computer Science and Professor, Clemson University
04/02	*Program Debugging and Validation Using Semantic Approximations and Partial Specifications*	Manuel Hermenegildo	Technical University of Madrid
05/02	*PICO: A Massively-Parallel Mixed-Integer Programming Solver*	Cynthia Phillips	Sandia National Laboratory

9. Staff Appointments, Awards, and Resignations

Continuing:
April Davidson, Department Administrator II
Lynne Jacobsen, Program Advisement Coordinator
Sung Chan Jun, Postdoctoral Fellow

George Kelbley, Systems Specialist
Ruth McDonald, Research Scientist II
Erica Ocegueda, Administrative Assistant I
Maria Bernadette Tafoya, Accountant I

Appointments:
Justin Balthrop, Research Scientist I
Matthew Glickman, Postdoctoral Fellow
Scott Levine, Systems Analyst II
Sula Ma, Postdoctoral Fellow
David Patterson, Computer Operator
Dena Vigil, Research Scientist II
Tiffani Williams, Postdoctoral Fellow
Christopher R. Wilson, Research Scientist I

Resignations:
Ryan Gerety, Analyst Programmer I
Stephanie Holinka, Web Designer & Administrative Assistant II
Stanley Lee, Grader
Dan Phung, Research Assistant
Bethany Reeb, Research Assistant

10. Student Awards and Scholarships

School of Engineering Scholarships

Scholarship Name	Student
Harry & Mabel F. Leonard	Lauren Jardin
Harry & Mabel F. Leonard	Renee Mueller
Harry & Mabel F. Leonard	Johathan Maez
Harry & Mabel F. Leonard	Vikrant Gaur
Harry & Mabel F. Leonard	Glinda Wittwer

Department Scholarships

Scholarship Name	Student
Van Dyke Software Engineering Scholarship	Stephen Bauer
Van Dyke Software Engineering Scholarship	William Matthews
Van Dyke Software Engineering Scholarship	Clint Morgan
Van Dyke Software Engineering Scholarship	Christopher Riley Wilson

Honors and Awards:

Outstanding Junior in Computer Science	Benjie Michelle Garcia
Outstanding Senior in Computer Science	Clint Morgan

Outstanding Graduate in Computer Science	Dennis Chao
George E. Breece Award, Fall 2001	Christopher R. Wilson
CRA Honorable Mention in the CRA Outstanding Undergraduate Award for 2002	Christopher R. Wilson

11. Amount of New Awards & Research Expenditures (1997-2002)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Total Expenditures	$1,985,829	$2,273,156	$2,211,337	$1,807,598	$2,638,281
Total Awards	$1,913,806	$2,641,781	$1,562,433	$3,233,932	$2,506,886

Funded Contracts: FY 2001-2002

PI Name	Sponsor Name	Project Title	Amount
Forrest, Stephanie	Air Force Research Laboratory	Automated Diversity in Computer Systems	200,000
Kapur, Deepak	Sandia National Laboratories	Membership on Executive Board of CSRI	97,518
Kapur, Deepak	National Science Foundation	Collaborative Research on Semantic Unification and it's Application	137,082
Kapur, Deepak	National Science Foundation	NSF ITR/CCR Integrating Induction into Decision Procedures	130,455
Kapur, Deepak	National Science Foundation	NSF ITR/CCR Integrating Induction into Decision Procedures	133,808
Kapur, Deepak	Rice University	High Performance Networks and Data Visualization	53,082
Kapur, Deepak	National Science Foundation	Polynomial Manipulation using Dixon Resultant Formulation	67,026
Luger, George E.	Sandia National Laboratories	The Albatross Project	50,000
Luger, George E.	Management Sciences	A System for Autonomous Underwater Surveillance and Situation Monitoring using Object-Oriented Bayesian Information Fusion	19,803
Luger, George E.	Emergent Information Technologies-East	TOFU (Type Oriented Fuzzy) Algorithm: Learning Evolutionary Classifiers for Fuzzy Events	19,414

Luger, George E.	Emergent Information Technologies-East	TOFU (Type Oriented Fuzzy) Algorithm: Learning Evolutionary Classifiers for Fuzzy Events	19,414
Maccabe, Arthur B.	Los Alamos National Laboratory	High Performance Computing Fault-Tolerance	25,002
Maccabe, Arthur B.	Sandia National Laboratories	Benchmark for Measuring the Operating System Bypass Performance	5,000
Maccabe, Arthur B.	Sandia National Laboratories	Benchmark for Measuring the Operating System Bypass Performance	38,108
Maccabe, Arthur B.	Sandia National Laboratories	Continued Development of the PUMA Operating System for Massively Parallel Systems	27,984
Maccabe, Arthur B.	Sandia National Laboratories	Continued Development of the PUMA Operating System for Massively Parallel Systems	52,001
Maccabe, Arthur B.	Sandia National Laboratories	Continued Development of the PUMA Operating System for Massively Parallel Systems	110,000
Moore, Cristopher	National Science Foundation	Computational Complexity in Statistical and Quantum Physics	40,000
Moore, Cristopher	Sandia National Laboratories	SURP FY 01-02 -- Phase Transitions in NP-complete Problems: From Random to Real-World Cases	35,000
Moore, Cristopher	Los Alamos National Laboratory	Computational Complexity Statistical Physics	25,000
Moret, Bernard M.	National Science Foundation	ITR/AP (IBN): Collaborative Research "Computing Optimal Phylogenetic Trees under Genome Rearrangement Metrics"	161,903
Moret, Bernard M.	University of Texas, Austin	Comparative Chioroplast Genomics: Integrating Computational Methods, Molecular Evolution, and Phylogeny	192,599
Moret, Bernard M.	National Science Foundation	Collaborative Research: ITR/AP New Methods for Inferring Complex Evolutionary Histories	517,060
Moret, Bernard	National Science Foundation	Collaborative Research: ITR/AP New Methods for Inferring Complex Evolutionary Histories (REU Supplement)	15,000
Nolte, Guido	National Foundation for Functional	Approximate Analytical Solution of the Magnetic Forward Problem for Realistic Head Models	110,886

	Brain Imaging		
Stefanovic, Darko	University of Massachusetts	Dynamic Cooperative Performance Optimization	65,315
Varma, Roli	National Science Foundation	Why So Few Women in It?: A comparative Study	102,426
Varma, Roli	National Science Foundation	Why So Few Women in It?: A comparative Study	6,000
Williams, Lance R.	Los Alamos National Laboratory	Computer Vision Laboratory	50,000

12. Patents Awarded

- Martin S. Glassman, Russel E. Gorr, Thomas R. Hancock, J. Stephen Judd, Carol L. Novak, Barak A. Pearlmutter, and Scott T. Rickard, Jr. Omnidirectional visual image detector and processor. US Patent number 6,262,760. July 17, 2001.

13. Monetary Donations and Gifts: 2001-2002

Date	Donor Name	Amount
07/16/01	Intel Corp	$84,000
08/20/01	Van Dyke Technologies	$10,000
09/04/01	Research on Artificial Intelligence	$100,000
09/04/01	SITI Partners Inc.	$4,091
09/10/01	Higgins, Rodney B.	$2,500
01/31/02	Kelly, Joseph Victor	$50
03/05/02	Wiegandt, Karl Edward	$25
05/29/02	Pinkerton, James T.	$200
06/03/02	Lockheed Martin Matching Gift	$50
06/03/02	Lockheed Martin Matching Gift	$25
06/30/02	Intel	$70,000
06/30/02	Zhang, Ying	$5,000
08/08/01	Brandon James Higgins Memorial Endowment	$230
Total Contributions (amount includes equipment, furniture, & supply donations)		**$191,991**

Department of Electrical and Computer Engineering
Annual Report
July 1, 2001 to June 30, 2002
By Dr. Christos Christodoulou, Chair

1. Introduction

We had a very successful year for faculty recruiting. The four new faculty hired in 2001 have markedly strengthened the Department's program in optical communications, photonics, and microelectronics.

On August 17, 2001 the faculty gathered for a retreat at the Hyatt Regency Tamaya in Bernalillo. The agenda included discussions on preparing for ABET, the EECE Outcomes Assessment Plan, the EECE Strategic Plan, and the establishing strategic objectives for the 2001-2002 academic year.

In the area of laboratory development we made several improvements to both to our teaching and research facilities. The EECE 238 laboratory course went through a major overhaul; as part of a larger ongoing effort to modernize the VHDL course, new equipment with VHDL programmable logic capability was installed in the laboratory. The High Performance Computing Laboratory was remodeled and expanded, and the new Pulsed Power, Beams and Microwaves Laboratory was constructed. The PURSUE (Preparation for University Research of Students in Undergraduate Education) Program completed the first of three upgrades in the introductory electronics laboratory. The newly purchased equipment, combined with LabView software and P-SPICE, provides students with hands-on experience and practical training required for industry jobs. Also, the first phase of UNM's new semiconductor clean room in the Manufacturing Training and Technology Center (MTTC) is now fully operational and being used by our students.

Our graduate program continues to grow, increasing its applicant pool and its national prominence. Over 800 students applied to the EECE Graduate Program; only 90 (11%) were accepted. Our graduate student seminar series, established in January 1999, was highly successful again this year, attracting several distinguished scholars from all over the world.

Several faculty and students received international and national awards. Professors Schamiloglu and Christodoulou were elected Fellows of the IEEE, and Professor Osinski became an SPIE Fellow. Professor Schamiloglu was awarded a $5 million MURI grant. Professor Dorato was named Director of a new NASA center, the Center for Intelligent Systems Engineering (ISE), which is funded at $1.2 million per year.

The EECE monthly newsletter, *Wired*, continued to be published throughout the year. Back issues can be found on our website, which was given a face lift in August of 2001.
The scholarly works of the faculty during the current fiscal year were significant in all facets, including journal publications, conference papers, book chapters, and authored books. Research funding this year reached a total of $13,310,152.

Finally, two of our faculty have started new high-tech companies, Zia Lasers and Elisar Software. Both companies played a pivotal role in helping the Department achieve the desirable objective of impacting Albuquerque's local economy in a positive way. Several of their employees are former UNM students. A couple of other start-ups are currently in the works as well.

2. Student Enrollments (1997-2002)

Undergraduate— Electrical Engineering					
	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
Sophomore	25	57	38	35	35
Junior	75	51	67	69	67
Senior	60	60	54	53	51
Total	**160**	**168**	**159**	**158**	**153**

Undergraduate— Computer Engineering					
	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
Sophomore	29	25	29	26	26
Junior	32	26	32	43	43
Senior	19	29	30	20	20
Total	**80**	**80**	**81**	**89**	**89**

Graduate										
	1997/1998		**1998/1999**		**1999/2000**		**2000/2001**		**2001/2002**	
	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II
M.S.		104		98		101		122		141
Ph.D.		40		66		73		78		117
Total		**144**		**164**		**174**		**200**		**258**

3. Degrees Awarded (1997-2002)

Degrees Awarded	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
B.S. Electrical Engineering	15	41	32	36	38
B.S. Computer Engineering	10	19	15	09	11
M.S.	18	18	18	29	35
Ph.D.	13	4	9	10	7

M.S. Breakdown of Plan I (Thesis) and Plan II (Non-Thesis)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Thesis	3	8	5	18	20
Non-Thesis	15	10	13	11	15

M.S. and Ph.D. Student Thesis and Dissertation Titles

Summer 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Charan Donepudi	Bader, David A	Non-Thesis
M.S.	Matthew Gurney	Jungling, Kenneth C	Characterization of a Novel Process Technology for RF-on-Silicon Applications
M.S.	Jibin Han	Wu, Min-You	Non-Thesis
M.S.	Rekharani Kaza	Heileman, Gregory L	Non-Thesis
M.S.	Sreenivasa Mandalpu	Heileman, Gregory L	Non-Thesis
M.S.	Raghuram Mandiga	Heileman, Gregory L	Non-Thesis
M.S.	Sireesha Sankuratripati	Heileman, Gregory L	Non-Thesis
M.S.	Yanmin Wu	Brueck, Steven R. J.	Labview Programming for Lithographic Applications
Ph.D.	Thomas Wunsch	Jungling, Kenneth C	Microfabricated Multijunction Thermal Converters

Fall 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Ram Attaluri	Jordan, Ramiro	Non-Thesis
M.S.	Sandilya Birudavolu	Jordan, Ramiro	Non-Thesis
M.S.	Joanna Casson	Jain, Ravi	Near-IR Tunable Laser Using an Integrated Lithium Tantalate Electro-optic Scanner.
M.S.	David Clark	Christodoulou, Christos	A Procedure for Locating and Identifying Buried Unexploded Ordnance Using Curve Fitting Techniques and Neural Network Pattern Classification.
M.S.	Narendra Dandu	Wu, Min-You	Transcoding Multicast Video Conferencing to Heterogeneous End-Systems.
M.S.	Nan Jiang	Wu, Min-You	Design and Implementation of 3D-Visualization on the Access grid.
M.S.	Miroslav Joler	Christodoulou, Christos	A Novel Approach for Real-time Remote Control of Programmable Devices Over the Internet.
M.S.	Rahul Kulkarni	Abdallah, Chaouki T	Non-Thesis
M.S.	Saisrikiran Mudigonda	Shu, Wei Wennie	Dynamic Rate Control for a Non-Mbone Enabled Gateway.
M.S.	Anil Nagavaram	Sobolewski, John	Non-Thesis
M.S.	Salomon Quintana	Jamshidi, Mohammad	Non-Thesis
M.S.	Balaji Raman	Pattichis, Marios	Image Processing Algorithm Analysis for the INTEL Microprocessor Architecture.
M.S.	Benjamin Sapp	Dorato, Peter	Design on Next Generation QT Electronics for the Booster Neutrino Experiment.
M.S.	Michael Sibley	Lester, Luke	Non-Thesis
M.S.	Yunlong Yang	Heileman, Gregory L	The effects of Invisible- Watermarking on Satellite Image Classification.
M.S.	Weifeng Zhao	Jain, Ravi	Non-Thesis
PhD	Xiaodong Huang	Malloy, Kevin and Lester, Luke	The Steady State and Transient Behavior of Indium Arsendide Quantum Dot Laser Diodes
PhD	Majid Khodier	Christodoulou, Christos	Analysis and Design of Broadband Antennas for the Double Quantum Well Terahertz Detector
PhD	William Parkinson	Jamshidi, Mo	Fuzzy and Probabilistic Control Techniques Applied to Problems of the Chemical Process Industries

Spring 2002 Graduates

Degree	Student	Advisor	Title
M.S.	Yosief Berhane	Manasreh, Omar	Non-Thesis
M.S.	Malay Gupta	Santhanam, Balu	Non-Thesis
M.S.	Kelly Hahn	Schamiloglu, Edl	Operation of a long pulse backward wave oscillator utilizing a novel disk cathode.
M.S.	Tianjian Lu	Maki, Gary K	Constructing a Register Transfer Language and Its Simulation.
M.S.	Bion Merchant	Santhanam, Balu	Non-Thesis
M.S.	Hung Nguyen	Jordan, Ramiro	Seismic and Acoustic Signal Identification algorithms using templates derived from principle component analysis.
M.S.	Vinod Ramdas	Jordan, Ramiro	Non-Thesis
M.S.	Alexander Raub	Brueck, Steven R. J.	Deep UV Immersion Interferometic Lithography.
M.S.	Unal Sakoglu	Abdallah, Chaouki T	Non-Thesis
M.S.	Michael Thurgood	Jordan, Ramiro	Derivation of a closed form for the original PONS Matrix and Fast Algorithms for generating the original and symmetric PONS Matrices.
M.S.	Rebecca Williams	Shu, Wei Wennie	Non-Thesis
Ph.D.	Aly El-Osery	Jamshidi, Mo	Autonomous Power Control in CDMA Cellular Systems
Ph.D.	James Lyke	Maki, Gary	Reconfigurable Cellular Array Architectures for Nanoscale Application.
Ph.D.	Ronghua Wang	Lester, Luke	Self-Assembled Indium Arsenide Quantum-Dash Lasers on Indium Phosphide Substrates

Graduate Student Awards:

Kelley Hahn won the best IEEE Nuclear Plasma Society Outstanding Student Award, and in June 2002 the IEEE Power Modulator Inaugural Tommy Burkes Outstanding Graduate Student Award.

5. Faculty, Degrees, and Specializations

Regular Faculty:

Chaouki T. Abdallah
Professor, Associate Chair, and Director, Graduate Program
Ph.D., Georgia Institute of Technology
Interests: Control systems, and wireless communications, theory of computation.

David A. Bader
Assistant Professor and Regents' Lecturer
Ph.D., University of Maryland
Interests: High-performance computing, parallel computation, computational biology, remote sensing and image processing.

Steven R. J. Brueck
Professor and Director, Center for High Technology Materials (CHTM)
Ph.D., Massachusetts Institute of Technology
Interests: Nanoscale lithography, nanoscience, nonlinear optics and lasers, laser spectroscopy and laser-material interactions.

Thomas P. Caudell
Associate Professor
Ph.D., University of Arizona
Interests: Neural networks, virtual reality, machine vision, robotics and genetic algorithms.

Christos G. Christodoulou
Professor and Department Chair
Ph.D., North Carolina State University
Interests: Modeling of electromagnetic systems, phased array antennas, antennas for wireless communications, microwave systems and applications of neural networks in electromagnetics.

Peter Dorato
Professor
D.E.E., Polytechnic Institute of Brooklyn
Interests: Optimal control, robust design in feedback control systems.

Charles B. Fleddermann
Professor and Associate Dean, School of Engineering
Ph.D., University of Illinois at Urbana-Champaign
Interests: Plasma processing, physical electronics, photovoltaics.

Charles F. Hawkins
Professor
Ph.D., University of Michigan
Interests: VLSI design and testability, IC failure analysis, IC reliability.

Majeed M. Hayat
Associate Professor
Ph.D., University of Wisconsin at Madison
Interests: Optical communication, statistical communication theory, signal and image processing, communication networks, applied probability and stochastic processes.

Gregory L. Heileman
Associate Professor
Ph.D., University of Central Florida
Interests: Data structures and algorithmic analysis, theory of information and computing, machine learning and pattern recognition.

Stephen D. Hersee
Professor
Ph.D., Brighton Polytechnic, England
Interests: Semiconductor materials, microelectronics and optoelectronic devices.

Diana L. Huffaker
Associate Professor
Ph.D., University of Texas at Austin
Interests: Semiconductor lasers, group III-nitrides, quantum dots.

Stanley Humphries, Jr.
Professor
Ph.D., University of California at Berkeley
Interests: Numerical electromagnetism, accelerator technology, plasma physics.

Ravinder K. Jain
Professor
Ph.D., University of California at Berkeley
Interests: Quantum electronics, optoelectronics, electro-optics, experimental solid-state physics.

Mohammad Jamshidi
Professor and Director, Autonomous Control Engineering (ACE) Center
Ph.D., University of Illinois at Urbana-Champaign
Interests: Large-scale system theory and applications, autonomous control for robotic agents, biomedical modeling and simulation, space autonomy.

Ramiro Jordan
Associate Professor, Associate Chair, and Director, Undergraduate Program
Ph.D., Kansas State University
Interests: Data communications, multidimensional signal processors, software engineering.

Sanjay Krishna
Assistant Professor
Ph.D., University of Michigan at Ann Arbor
Interests: Mid-infrared detectors using self-organized quantum dots, mid-infrared detectors using low bandgap antimonides, interband laser for high speed long haul communication using quantum wells and quantum dots as the active region.

Luke F. Lester
Associate Professor
Ph.D., Cornell University
Interests: High speed and high power semiconductor lasers, tunable lasers, III-V semiconductor devices, quantum dots.

Gary K. Maki
Professor and Director, Microelectronics Research Center (MRC)
Ph.D., University of Missouri at Rolla
Interests: Digital design, fault-tolerant digital design, error correction codes, VLSI design and architectures.

Kevin J. Malloy
Professor and Associate Director, CHTM
Ph.D., Stanford University
Interests: Semiconductor physics, materials, and devices; waves in periodic media.

Donald A. Neamen
Professor
Ph.D., University of New Mexico
Interests: Semiconductor materials and devices, electronics.

Marek Osinski
Professor
Ph.D., Institute of Physics, Polish Academy of Sciences
Interests: Optoelectronic devices and materials, group-III nitrides, semiconductor lasers, computer simulation, VCSELs, high-power diode lasers, mid-IR devices, degradation mechanisms and reliability, photonic integrated circuits.

Marios Pattichis
Assistant Professor
Ph.D., University of Texas at Austin
Interests: Digital image and video processing and communication, medical imaging, digital signal processing.

L. Howard Pollard
Assistant Professor
Ph.D., University of Illinois at Urbana-Champaign
Interests: Computer architecture, digital design, hardware description languages, embedded systms, microprocessors.

Balu Santhanam
Assistant Professor
Ph.D., Georgia Institute of Technology
Interests: Statistical signal processing, statistical communications, digital signal processing, time-frequency analysis, adaptive filtering, and general signal processing.

Edl Schamiloglu
Professor
Ph.D., Cornell University
Interests: Physics and technology of charged particle beam generation and propagation, high power microwave sources, plasma physics and diagnostics, electromagnetic wave propagation, and pulsed power.

Wei Wennie Shu
Associate Professor
Ph.D., University of Illinois at Urbana-Champaign
Interests: Operating systems and resource scheduling, system support for parallel computing, multimedia networking.

Thomas W. Sigmon
Professor
Ph.D., Stanford University
Interests: Semiconductor physics, device physics and process technology; pulsed laser processing of electronic materials, fabrication of polysilicon thin film devices on flexible plastic substrates and metals, development of spin polarized injection and transport in semiconductor materials.

Christopher E. Smith
Assistant Professor
Ph.D., University of Minnesota
Interests: Robotics, computer vision, medical image processing, intelligent transportation systems, virtual collaborative environments.

John S. Sobolewski
Associate Professor and Associate Vice President, Computer and Information Research and Technology (CIRT)
Ph.D., Washington State University at Pullman
Interests: Data communications, networking, computer architecture, system information and design, medical application of computers.

J. Scott Tyo
Assistant Professor
Ph.D. University of Pennsylvania
Interests: Time-domain electromagnetics, electromagnetic modeling, wideband radar, polarimetric and spectral remote sensing.

Min-You Wu
Associate Professor
Ph.D., Santa Clara University
Interests: Multimedia systems, multimedia networking, parallel programming systems, computer architecture.

Research Faculty:

Mohammad Akbarzadeh
Research Assistant Professor
Ph.D., University of New Mexico

Theofilos Cacoullos
Research Professor
Ph.D., Columbia University

Michael Chryssomallis
Resarch Assistant Professor
Ph.D., Democritus University of Thrace, Greece

David F. Cox
Research Professor
Ph.D., Utah State University

Larry Ralph Dawson
Research Professor
Ph.D., University of Southern California

Roderick A.B. Devine
Research Professor
Ph.D., Warwick University, England

Gregory W. Donohoe
Research Assistant Professor
Ph.D., University of New Mexico

Abdel-Rahman A. El-Emawy
Research Assistant Professor
Ph.D., Colorado State University

Petr G. Eliseev
Research Professor
Dr.Sc., Russian Academy of Sciences

Mikahil Isaakovich Fuks
Research Professor
Ph.D., Gorky State University, Russia

Jody W. Gambles
Resarch Professor
Ph.D., University of Idaho

John A. Gaudet
Research Associate Professor
Ph.D., Air Force Tech University

Arthur H. Guenther
Research Professor
Ph.D. Penn State University

Naz Islam
Resarch Professor
Ph.D., Rensselaer University

Nikolay Fedorovich Kovalev
Research Professor
Ph.D., Gorky State University, Russia

James R. Luke
Research Assistant Professor
Ph.D., University of New Mexico

Omar Manasreh
Research Professor
Ph.D. University of Arkansas

J.S. Kirsten Mills
Research Associate Professor
Ph.D., Nottingham University, England

Constantinos Pattichis
Research Assistant Professor
Ph.D., University of London, England

Stnaley Z. Peplinsky
Research Professor
M.S., Tennessee Space Institute

Elizabeth Ann Ritchie-Tyo
Research Assistant Professor
Ph.D., Monash University, Australia

Thomas M. Shay
Research Professor
Ph.D., Colorado State University

Walter M. Shedd
Research Professor
Ph.D., Northeastern University

Quan Shi
Research Assistant Professor
Ph.D., University of New Mexico

Edward W. Taylor
Research Scholar
M.S., University of New Mexico

Nader Vadiee
Research Associate Professor
Ph.D., University of New Mexico

Harry T. Weaver
Research Professor
Ph.D., Auburn University

Sterling R. Whitaker
Research Professor
Ph.D., University of Idaho

6. Faculty Appointments, Retirements, and Resignations

Appointments:

The new faculty joining the department during the fall 2001 semester were Drs. Majeed M. Hayat, Diana L. Huffaker, Sanjay Krishna, and J. Scott Tyo. Dr. Tyo had previously intended joining the department during the spring 2001 semester but requested an extension on his start date.

Faculty searches to fill two new faculty positions, one in Applied Electromagnetics and the other in Wireless Communications, were initiated during the fall 2001 semester with interviews beginning in February 2002. One new faculty in Applied Electromagnetics accepted our offer to join the department during the spring 2003 semester, namely, Dr. Mark A. Gilmore. No offer was made in Wireless Communications and the search was closed.

Administrative Appointments:

After a year's leave of absence, Dr. Chaouki T. Abdallah resumed his duties as associate chair and director of the EECE Graduate Program for the AY 2001/02, and Dr. Charles F. Fleddermann continued his appointment as associate chair and director of the EECE Undergraduate Program for the fall 2001 semester only. Dr. Ramiro Jordan returned early from his leave of absence to accept the appointment of associate chair and director of the EECE Undergraduate Program for the spring 2002 semester, replacing Dr. Charles F. Fleddermann who accepted the appointment of Associate Dean in the School of Engineering.

Retirements and Resignations:

Drs. Donald A. Neamen and Stanley Humphries, Jr. both retired effective December 31, 2001. Drs. Anna Scaglione and Julian Cheng resigned effective FY 2001/02.

A new faculty search to fill two positions in the area of Microelectronics Design, Fabrication, and Testing will be initiated during the fall 2002 semester to replace Drs. Donald A. Neamen and Anna Scaglione.

7. Faculty Promotions and Tenure Actions

Effective June 30, 2002 Drs. Balu Santhanam and Christopher E. Smith successfully completed their mid-probationary reviews.

Effective June 30, 2002 Dr. Gregory L. Heileman was promoted to the rank of full professor.

8. Faculty News

The following administrative changes took place during the current fiscal year:

Undergraduate Program: Dr. Ramiro Jordan assumed the duties of Associate Chair and Director of the EECE Undergraduate Program on January 1, 2002 replacing Dr. Charles Fleddermann who was appointed as Associate Dean for Academic Affairs for the School of Engineering.

Graduate Program: Dr. Chaouki Abdallah returned from his one-year leave of absence and resumed his duties as Associate Chair and Director of the EECE Graduate Program on July 1, 2002.

ISE Center: Dr. Peter Dorato was named Director of the new NASA center, the Center for Intelligent Systems Engineering (ISE), which is funded at $1.2 million per year.

Sabbaticals: Dr. Thomas P. Caudell completed his full sabbatical leave during the Fall 2001 semester, Dr. Mo Jamshidi took a one-semester sabbatical leave during Spring 2002, and Dr. Luke F. Lester was on a full sabbatical leave during the Fall 2001 and Spring 2002 semesters.

Leave of Absence: Dr. Ramiro Jordan was on a leave of absence during the Fall 2001 semester.

FTE Reduction: Dr. Stanley Humphries, Jr. continued his FTE reduction to 0.50 for one more semester during Fall 2001.

Other Noteworthy Achievements of the EECE Faculty:

New Fellows: Prof. Marek Osinski was elected to the grade of Fellow of SPIE (International Society for Optical Engineering). Professors Christos Christodoulou and Edl Schamiloglu were elected Fellows of the IEEE (Institute of Electrical and Electronics Engineers).

New Programs: The State Board of Finance of the Commission on Higher Education approved the new Master of Science in Optical Science and Engineering degree program, offered jointly by the departments of EECE and Physics and Astronomy.

Faculty Awards:

- Steve Hersee - Outstanding Teacher of the Year (university award)
- David Bader - Lawton-Ellis
- Steve Hersee - EECE Teacher of the Year
- Kevin Malloy - EECE Researcher of the Year
- Ralph Dawson - EECE Adjunct Professor of the Year
- Ralph Dawson - UNM Adjunct Professor of the Year
- Charles Fleddermann - EECE Gardner-Zemke Professorship (Category 1 - Teaching)
- Chaouki Abdallah - EECE Gardner-Zemke Professorship (Category 2 - Research)
- Scott Tyo was awarded a Young Scientist Award by the International Radio Science Union (URSI)

New Faculty:
The following four new faculty members joined the Department in the Fall 2001 semester:

- Majeed M. Hayat - Associate Professor (Ph.D. from the University of Wisconsin-Madison). Research interests: Optical communication, statistical communication theory, signal and image processing, communication networks, and applied probability and stochastic processes.
- Diana Huffaker - Associate Professor (Ph.D. from the University of Texas at Austin). Research Interests: Crystal growth (MBE and MOCVD) of arsenide-nitrides and quantum dots, characterization of novel materials for optoelectronic devices, growth methods and characterization of quantum dots for single photon, single electron based devices.
- Sanjay Krishna - Assistant Professor (Ph.D. from the University of Michigan). Research Interests: Growth, fabrication, and characterization of self-organized quantum dots for interband lasers and inter-subband detectors.
- Scott Tyo - Assistant Professor (Ph.D. from the University of Pennsylvania) Research Interests: Applied electromagnetics, including microwave and optical remote sensing, polarimetric and spectral imagery, and UWB antenna design.

Faculty Hired This Year: Dr. Andres C. Salazar was selected to fill the PNM Endowed Chair in Microsystems, Commercialization and Technology. This is a joint appointment between EECE and the Anderson Schools of Management.

Dr. Mark A. Gilmore will join the Applied Electromagnetics group as an Assistant Professor. Dr. Gilmore received his B.S. in Electrical Engineering from Boston University in 1986, his M.S. degree from Northeastern University, and his Ph.D. from UCLA.

Best Paper Awards:
Three EECE undergraduate students were awarded the Best Paper Award by the Albuquerque IEEE Section. The students were Rebecca Lopez, Tiffany Silva, and Matthew Totin.

Recruiting and Mentoring Initiatives:

- In April 2002, Professors Christos Christodoulou and Ramiro Jordan traveled to three universities in Brazil, namely, Unicamp, Escola Politécnica da Universidade de São Paulo, and Pontificia Universidade Católica do Rio Grande do Sul. They met with program administrators and professors in an effort to establish joint M.S. and Ph.D. degree programs.
- Professor Christopher E. Smith visited San Felipe Pueblo Grade School and gave a presentation on robotics to their Gifted and Talented Students (GTS). About 30 students attended the meeting held after classes on February 25, 2002. The students visited the Robotics Laboratory and the ISE/PURSUE Laboratory on March 8 while second group visited the Department in April 2002.
- Professor David A. Bader mentored a number of high school students participating in the Adventures in Supercomputing Challenge (AiS Challenge).

Student Distinction:
One of our undergraduate students, Marvin Roybal, who works at Los Alamos National Laboratory, is part of a team that was nominated for the 2002 R&D 100 Award.

Major Research Awards:
Dr. Edl Schamiloglu and his colleagues in Applied Electromagnetics have been awarded a $1 million MURI grant on Compact, Portable Pulsed Power.

Agilent Technologies Donation:
Agilent Technologies donated approximately $94,000 of equipment to the Microwave Engineering Program.

Scholarly Activity:

- Refereed Journal papers: 63
- Book Chapters: 9
- Books: 10
- Conference Papers: 107
- Patents: 4

Entrepreneurial Activities:
Two new companies were established by our faculty, namely, Zia Lasers and Elisar Software.

2001/2002 Graduate Seminar Series			
Date	**Title**	**Presenter**	**Institution**
08/31/01	Carrier Dynamics in Self-Assembled In(Ga)As/GaAs Q	Dr. Sanjay Krishna	University of New Mexico
10/05/01	Spectral Polarimetry: A new Method in Remote Sensing	Dr. Thomas R. Caudell	University of New Mexico
10/19/01	Rapid Processing of Remote Sensing Data	Dr. James Theiler	Space and Remote Sensing Sciences Group, Los Alamos
10/26/01	Towards a Universal Model for Personal Mobility Management in Cellular Wireless Networks	Dr. Sajal K. Das	University of Texas, Austin
11/02/02	Input-Output Linearization Control of an Induction Motor	Dr. John Chiasson	University of Tennessee
11/09/02	Method of Indexed Storage and Retrieval of DNA Profiles Stored in a Large Database	Dr. Tsewei Wang	University of Tennessee
11/16/02	New Algorithms for Computing Discrete Fourier Tran	Dr. Marios S. Pattichis & Paul Rodriguez V.	University of New Mexico
11/30/02	Efficient Techniques for Exploring Geospatial Data	Dr. Joseph JaJa	University of Maryland
12/14/02	Columnsort Lives! An Efficient Out-of-Core Sorting	Dr. Thomas H. Cormen	Dartmouth College
Date	**Title**	**Presenter**	**Institution**
03/19/02	Chip-Interleaved Block-Spread Code Division Multiple Access	Dr. Shengli Zhou	University of Minnesota
03/20/02	Speech Coding Research, Future Directions and Challenges	Dr. Sean Ramprashad	Lab Agere Systems

03/22/02	Computational Electromagnetics and Differential Complexes	Dr. Pavel Bochev	Sandia National Laboratories
03/25/02	Microwave Correlation Reflectometry for Magnetic Field and Turbulence Measurements in High Temperature Plasmas	Dr. Mark Gilmore	University of California, Los Angeles
03/25/02	Space-Time Coding for Broadband Wireless Transmission	Dr. Naofal Al-Dhahir	AT&T Shannon Laboratory
03/27/02	Cell Geometry Designs for Efficient Plasma Display Panels	Dr. Georgios Veronis	Stanford University
03/29/02	The Contributions of the PONS Transforms to Digital Signal Processing: Theory and Practical Applications	Mike Thurgood	University of New Mexico
04/04/02	Fast Parameter Sweep Model Order Reduction: Present CEM Applications and Possibilities for Future Research in Other Areas.	Dr. Rodney Daryl Slone	Ohio State University
04/12/02	Using Circuit Simulators for RF System Analysis	Dr. Michael Chryssomallis	University of New Mexico
04/19/02	The Role of Information Security in SAN Management	Dr. Michael Hay	Hitachi Data Systems
04/19/02	Radiometrically-Calibrated Scene-Based nonuniformity Correction for Infrared Array Sensors	Dr. Bradley M. Ratliff	University of New Mexico
04/24/02	Precision Pointing Control Systems Design with Macro and Micro Actuators	Stephen Baugh	ADC/Corning
04/26/02	The Uncertatinty Principle, a Different Perspective	Dr. J.S. Byrnes	University of Massachusetts, Boston

Date	Title	Presenter	Institution
05/03/02	Introductions to a Generalized Transmission –Line Theory	Dr. Heiko Haase	Otto-von-Guericke University
05/15/02	Solution to the Semiconductor Laser Lineshape Problem	Dr. Weng Chow	Sandia National Laboratories
06/03/02	Type-II "W" Quantum Well Lasers with Photonic Crystal Distributed Feedback	Dr. Jerry Meyer	Naval Research Laboratory

9. Staff Appointments, Awards, and Resignations

Appointments:
Kelley E. Evans was hired as Technical Writer on 07/16/01; Patricia J. Kemp was hired as Accountant III on 05/06/02; and Benjamin L. Ash was hired as User Support Analyst I on 06/03/02 on an on-call basis to assist the technical support group staff's workload.

Awards:
Aron C. Warren was the recipient of the School of Engineering Outstanding Technical Staff Award.

Resignations:
R. Guy Brownson resigned his position as Accountant II on April 3, 2002 and Albert E. Cota resigned his position as Systems Analyst II on May 17, 2002.

Grade Level Changes:
Pursuant to a market analysis of technical positions performed by the Human Resources-Compensation department, the grade level for the following positions were changed effective February 1, 2002:

Systems Analyst III (exempt position) from grade 13 to grade 14 (Aron C. Warren)
Systems Analyst II (exempt position) from grade 11 to grade 12 (Albert C. Cota)
User Support Analyst III (non-exempt position) from grade 10 to grade 11 (Frank S. Mercer)

Technical Infrastructure Upgrade:
In October 2001, the Department's Computer Support Group completed a $100,000 network equipment infrastructure upgrade.

The new Extreme Networks infrastructure brings 100Mbit/s to every desktop computer and increases the backbone uplinks to the gigabit level, including the link to the campus backbone. This upgrade greatly enhanced the department's network security.

10. Student Awards and Scholarships

School of Engineering Scholarships

Scholarship Name	Student	Amount
ITEA	Melnikov, Norbert	$1,430.00
Boeing	Romero, Dolores	$1,500.00
Ford Graduate Fellowship	Rattliff, Bradley M.	$9,000.00
Total		**$11,930.00**

EECE Department Scholarships

Scholarship Name	Student	Amount
Ray Ament	Eckhardt, Larry F.	$2,500.00
	Kellner, Thomas	$2,500.00
	Reines, Isak Clark	$2,500.00
	Townsend, Toby Owen	$2,500.00
Ila Allen Glore	Gibson, Christopher	$666.66
	Bernard, Dan P.	$666.66
	Aragon, Steven J.	$666.67
Hewlett Family	Mihalik, Andrew	$2,500.00
Assciation of Old Crows	Romero, Dolores	$1,000.00
	Melnikov, Norbert	$500.00
Evangel	Skrzyniarz, Richard	$505.00
Paul Wright	Gibson, Christopher	$535.00
Harry and Mabel Leonard	Reines, Isak	$368.24
	Romero, Dolores	$368.24
	Romero, Lupe	$736.46
	Townsend, Toby	$368.24
	Weaver, Eric	$736.46
Harry and Mabel Leonard	Connors, Scott	$43.34
	Das, Mallika	$43.32
	Melnikov, Norbert	$43.32
	Applegate, Charles	$43.32
	Aragon, Steven	$43.34
	Campos, Mara	$43.32
	Eckhardt, Larry	$43.32
	Herweg, Jared	$43.32
	Kennedy, Patrick	$43.32

Scholarship Name	Student	Amount
	Kellner, Thomas	$43.32
	Miron, Cesar	$43.32
	Morfin, Eli	$43.32
	Reines, Isak	$43.32
	Romero, Dolores	$43.32
	Connors, Scott	$736.46
	Das, Mallika	$736.46
	Melnikov, Norbert	$368.24
	Applegate, Charles	$736.46
	Aragon, Steven	$736.46
	Campos, Mara	$736.46
	Eckhardt, Larry	$368.28
	Herweg, Jared	$736.46
	Kennedy, Patrick	$736.46
	Kellner, Thomas	$368.24
	Miron, Cesar	$736.46
	Morfin, Eli	$736.46
	Romero, Lupe	$43.32
	Townsend, Toby	$43.32
	Weaver, Eric	$43.32
Walter E. King Scholarship	Applegate, Charles	$461.61
	Aragon, Steven	$461.53
	Bernard, Dan P.	$461.53
	Eckhardt, Larry	$230.77
	Forman, Darren	$461.53
	Gibson, Christopher	$230.77
	Herweg. Jared	$461.53
	Kellner, Thomas	$230.77
	Kennedy, Patrick	$461.53
	Miron, Cesar	$461.53
	Reines, Isak Clark	$230.77
	Romero, Dolores B.	$230.77
	Romero, Lupe	$461.53
	Townsend, Toby Owen	$230.77
Walter E. King Graduate Fellowship	Hahn, Kelley	$9,000.00
Total		**$42,163.95**

Awards: Fall 2001

General

Outstanding Sophomore in Electrical Engineering	Vesa Ensio Tiihonen
Outstanding Sophomore in Computer Engineering	Andrew James Carton
Outstanding Junior in Electrical Engineering	William H. Anderson
Outstanding Junior in Computer Engineering	Scott A. Connors
Outstanding Senior in Electrical Engineering	Christopher L. Gibson
Outstanding Senior in Computer Engineering	David A. Godinez
Outstanding Graduate in EECE	Moad Yassin Mowafi

Awards: Spring 2002

General

Outstanding Sophomore in Computer Engineering	Dung Van Nguyen
Outstanding Sophomore in Electrical Engineering	Nina Ray Weisse-Bernstein
Outstanding Junior in Electrical Engineering	Ryland Lloyd Hubka
Outstanding Junior in Computer Engineering	Roy Allen Porter
Outstanding Senior in Electrical Engineering	Andrew E. Mihalik
Outstanding Senior in Computer Engineering	Curtis James Hrncir
Outstanding Graduate in EECE	Julius Eldon Yellowhair
Outstanding Student Service in EECE	Larry Floyd Eckhardt
Outstanding Student Service in EECE	Craig Jonathan Kief

School of Engineering Awards – Given End of Spring 2002:

School of Engineering Award: Junior	Molly B. Maxton
School of Engineering Award: Senior	Daniel Derkacs
School of Engineering Award: Graduate Student	Aly Ibrahim El-Osery

11. Amount of New Awards & Research Expenditures (1997-2002)

Fiscal Year		Total Awards	Expenditures
1997/1998	EECE	$3,765,547	$2,928,823
	CHTM	$10,900,000	$6,600,000
	MRC	$2,829,526	$2,680,355
	Total	$17,495,073	$12,209,178
1998/1999[1]	EECE	$1,645,577[2]	$1,531,291
	ACE	$1,865,633	$1,579,132
	CHTM	$4,700,000	$4,100,000
	MRC	$4,265,286	$3,496,402
	Total	$12,476,496	$10,706,825
1999/2000	EECE	$1,392,226	$1,560,440
	ACE	$1,496,794	$1,487,979
	CHTM	$6,140,000	$4,750,000
	MRC	$3,229,099	$3,285,317
	HPCERC[3]/Other	$310,000	$67,078[2]
	Total	$12,568,119	$11,150,814[2]
2000/2001	EECE	$2,092,531	$1,146,100
	ACE	$1,445,537	$1,672,946
	CHTM	$6,824,242	$6,230,000
	MRC	$2,255,208	$2,201,019
	HPCERC[3]/Other	$692,634	$384,452
	Total	$13,310,152	$11,634,517
2001/2002	EECE	$4,048,756	$2,488,565
	ACE/ISE[4]	$572,849	$1,158,790
	CHTM	$5,331,449	$1,562,494
	MRC	$205,406	$1,845,219
	HPCERC[3]/Other[5]	$1,205,749	Not Available
	Total	$10,158,460[6]	$7,055,068

[1] ACE subsumed in EECE in prior years
[2] Revised
[3] High Performance Computing Education and Research Center
[4] ISE subsumed in EECE in prior years
[5] Includes Computer Science, Biology and HPCERC Grants on which EECE professors or PIs.
[6] Does not include HPCERC/Other.

Funded Contracts: FY 2001-2002

Prop No.	PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
13072	Abdallah, Chaouki	Sandia Natl. Labs/DOE	Computer Modeling Program For Surface Acoustic Wave (SAW) Correlators	01-Jul-01	30-Sep-02	$60,000
13763	Bader, David	Sandia Natl. Labs/DOE	Enabling Petaflop's Computing Applications	11-Feb-02	31-Dec-02	100,000
14082	Bader, David	NSF	CAREER: High Performance Algorithms	10-May-02	31-Dec-02	15,000
12556	Caudell, Thomas Preston	Boeing Company	Autonomy and Neural Network Milestones 2001	01-Jan-01	31-Dec-02	9,000
13320	Caudell, Thomas Preston	LANL	Initial Visualization Capability for Parsim Project	01-Sep-01	30-Sep-02	63,756
13903	Caudell, Thomas Preston	LANL/DOE	Virtual Reality for Visualization Framework to Support Network Intrusion Detection & Analysis	01-Mar-02	31-Dec-02	94,818
12952	Christodoulou, Christos	UC San Diego/NSF	Smart RF/Photonics Antennas for Ultra-High Capacity Wireless Communications	15-Sep-01	31-Aug-03	57,666
12864	Christodoulou, Christos	Mission Research/AFRL	Basic & Advanced Development of Generic Electronics Research for Space (BADGERS)	15-Jun-01	30-Nov-02	42,000
12945	Christodoulou, Christos	MEDVIEW	FULL IMMERSIVE 3-DIMENSIONAL Imaging Simulator for Endoscopic Surgery	15-May-01	30-Sep-02	109,980
13407	Christodoulou, Christos	AFRL	AFRL-VSSE Space Electronics Technology Test Support	09-Nov-01	10-Feb-02	24,957
12890	Christodoulou, Christos	Ball Aerospace/AFRL	Laser Hardening	01-May-01	30-Jun-02	98,736
13203	Gaudet, John A.	AFRL	IPA-John Gaudet (2001-02)	01-Aug-01	31-Jul-02	51,250
14160	Hawkins, Charles F.	Sandia Natl. Labs/DOE	Signal Analysis of SOM Response	24-May-02	30-Apr-03	30,000
7113	Hawkins, Charles F.	Sandia Natl. Labs/DOE	State of the Art Research on Large Ethernet Novell/Windows NT	09-Oct-96	14-Oct-02	153,857
13257	Hayat, Majeed M.	NSF	Modeling and Optimization of Ultrafast and Low-Noise Thin AV	15-Aug-01	31-Aug-04	299,830
13125	Islam, Naz	AFRL	IPA-Naz Islam	01-Jul-01	30-May-02	39,063
13253	Islam, Naz	AFOSR	Model Development & Verification of the Cripte Code for Electromagnetic Coupling	01-May-02	31-Dec-02	149,995
10256	Manasreh, Omar	AFRL	Radiation Effects on Space Based Optoelectronic Materials and Devices	01-Nov-99	31-Oct-02	288,992
14016	Manasreh, Omar	AFOSR	Optical Properties of III-V Semiconductors Super Latices and Nonstructures	01-Aug-02	31-Dec-02	60,472

Prop No.	PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
13494	Manasreh, Omar	AFOSR	Measurement of Secondary Electron Yield (SEY) Materials with Application to Depressed Collectors	01-Jan-02	31-Dec-02	$198,220
12251	Pattichis, Marios	Kestrel/DHHS/CDC	Computer Assisted Chest Radiograph	01-Oct-00	30-May-03	53,912
13467	Pattichis, Marios	Kestrel/DHHS/CDC	Computer Assisted Chest Radiograph; Continuation Student Effort	01-Oct-01	31-May-03	46,391
14196	Pollard, L. Howard	Boeing-SVS, Inc.	Advanced Reconfigurable Tracker (ART) Program	01-Jun-02	31-Aug-02	10,820
13648	Ritchie-Tyo, Elizabeth	NSF	Mechanisms for Rapid Intensity Changes in Hurricanes	01-Oct-02	30-Sep-03	89,501
12145	Ritchie-Tyo, Elizabeth	Dept. of the Navy	Collaborative Investigative Effort, NASA Camex Research Program	31-Dec-01	31-Dec-02	36,800
10167	Schamiloglu, Edl	AFOSR	New Approaches to High Power Microwave Computation and Experimentation	01-Jun-00	30-Nov-02	200,000
12423	Schamiloglu, Edl	AFOSR	MURI Topic #30, Compact, Portable Pulse Power	01-Jun-01	31-May-04	1,000,000
13445	Schamiloglu, Edl	NATO	Plasma Filled Dielectric Cherenkow Maser and Octave-Bandwidth Microwave Amplifier	18-Jan-02	17-Jan-04	3,979
35	Shedd, Walter M.	AFRL-Phillips	IPA-AFRL-VSSE Space Electronics Technology Test Support	18-Mar-02	17-Mar-03	50,000
13016	Smith, Christopher	Sandia Natl. Labs/DOE	SURP FY 2001-02 -- Visual Servoing for Mobile Manipulation Applied to National Security Applications	01-Nov-01	27-Sep-02	35,000
13481	Tyo, J. Scott	ITT Industries/AFRL	Support of ITT Industries, ALB., Under Directed Energy Effects Research-TO 0013	26-Oct-01	30-Sep-02	1,000
13314	Tyo, J. Scott	AFOSR	DURIP: Off the Shelf Pulsers and Fast Transient Measurement Equipment for Compact Pulsed Power Systems	15-Jun-02	14-Jun-03	166,645

Prop No.	PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
13355	Tyo, J. Scott	AFOSR	DEPSCoR - Non-Thermal, Non Ionizing Interaction of High-Intensity Electromagnetic Fields with Small-Scale Electronic and Biological Systems	15-May-02	14-May-05	400,000
14098	Tyo, J. Scott	Sandia Natl. Labs	Hyperspectral Tagging	31-May-02	30-Sep-02	$7,116
			TOTAL			**$4,048,756**

12. Patents Awarded

None

13. Monetary Donations and Gifts: 2001-2002

Date	Donor Name	Amount
7/9/01	Bill W. Swartz	$ 100.00
8/13/01	Raymond M. Ament (Ray Ament Scholarship in Electrical Engineering)	$ 10,000.00
8/13/01	Dennis Lowe	$ 5.00
8/13/01	Jamie W. Zipay	$ 50.00
8/20/01	Collegiate Licensing Company (EECE Scholarship)	$ 5,702.40
8/20/01	Hewlett Family Foundation, Inc. (EECE Scholarship)	$ 2,500.00
9/4/01	Dennis Lowe	$ 5.00
9/10/01	Ila Allen Glore (EECE Scholarship)	$ 3,000.00
9/10/01	Elisar Software Corporation	$ 10,000.00
9/18/01	Xilinx, Inc. (Equipment)	$ 319.00
10/8/01	Dennis Lowe	$ 5.00
10/22/01	Mark W. McDermott	$ 1,000.00
11/19/01	Zane L. Apgar	$ 50.00
11/19/01	Shao-Pin Chen	$ 60.00
11/19/01	Dennis Lowe	$ 5.00
11/26/02	Duke F. Ellis	$ 100.00
11/27/01	Xilinx, Inc. (Equipment)	$ 9,450.00
11/28/02	Robert H. Johnson	$ 100.00
1/2/02	Dennis Lowe	$ 5.00

Date	Donor Name	Amount
1/8/02	Dr. Delores M. Etter (EECE Scholarships)	$ 500.00
1/31/02	Elisar Software Corporation	$ 9,000.00
2/6/02	Sun Microsystems (Equipment)	$ 100,000.00
2/6/02	Myricom, Inc. (Equipment)	$ 15,000.00
2/22/02	Compaq Computer Corporation	$ 100.00
3/12/02	Agilent Technologies, Inc. (Equipment)	$ 93,840.00
3/25/02	Thomas A. Atherton	$ 50.00
4/1/02	Edward G. Garavaglia	$ 25.00
4/8/02	William S. Stotts	$ 35.00
4/15/02	IBM Corporation (Matching gift of Zane Apgar)	$ 25.00
4/15/02	IBM Corporation (Matching gift of Duke Ellis)	$ 50.00
4/29/02	Dennis Lowe	$ 5.00
5/20/02	Joseph H. Atkins	$ 50.00
6/3/02	Elisar Software Corporation	$ 9,000.00
6/3/02	William A. Radasky	$ 250.00
6/10/02	Ball Corporation (Matching gift of John Hubbs)	$ 50.00
6/10/02	Dennis Lowe	$ 5.00
6/12/02	Elisar Software Corporation	$ 7,500.00
6/21/02	Dennis Lowe	$ 10.00
	Total Contributions (amount includes equipment, furniture, & supply donations)	**$ 277,951.40**

Department of Mechanical Engineering
Annual Report
July 1, 2001 to June 30, 2002
By Marc S. Ingber, Chairperson

1. Introduction:

The Department of Mechanical Engineering showed sustained progress last year in the development of its undergraduate, graduate, research, and service programs. The major accomplishments achieved in these programs are discussed in this report.

Three new faculty joined the Department, including Dr. Claire (Yu-Yun) Lin and Dr. Larissa Gorbatikh in August, 2001 and Dr. Ken Christensen in January, 2002. Dr. Lin received her Ph.D. from Cornell University. Her research interests include fracture mechanics, decohesion models, and material failure. Dr. Gorbatikh received her Ph.D. from Tufts University. Her research interests include micromechanics of materials, fracture mechanics, and damage analysis. Both Professor Lin and Professor Gorbatikh have joined the Department's advance mechanics of materials research thrust group. Dr. Christensen received his Ph.D. from the University of Illinois. His research interests include experimental fluid mechanics and turbulence modeling. Dr. Christensen has joined the Department's multiscale fluid mechanics research thrust group. Dr. Moshen Shahinpoor retired on June 30, 2002 after 19 years of service.

Although the undergraduate enrollment declined last year, the number of BS degrees was essentially the same and there was only a small drop in the total undergraduate student credit hours compared to the previous year. This indicates that the percentage of part-time students has also declined over the past year. The Department instituted a significantly revised undergraduate curriculum. The largest change came in revamping the undergraduate teaching labs. Most labs are now connected to a specific engineering science course. This approach allows material in these courses to be reinforced through lab experiments. The Department has continued to upgrade these laboratories with expenditures of close to $55,000.

ABET 2000 procedures were put in place for the Department. In particular, undergraduate outcomes and objectives have been established along with well-developed assessment tools. Each undergraduate course now maps directly to the outcomes and objectives. These mappings are published on the Department's web site. Additional changes to the undergraduate curriculum, primarily for the design sequence, have been planned in order to better achieve the undergraduate outcomes and objectives. The curriculum changes will be implemented at the beginning of the next academic year.

Graduate enrollment continues to increase along with graduate student credit hours. Recruitment of high caliber graduate students continues to be a Departmental priority. The Department implemented a core curriculum for both the M.S. and Ph.D. programs. This was in response to the fact that many graduate student programs were narrowly focused and lacked adequate breadth. The core curriculum requires that each graduate student take one course from a selected list in four topical areas, namely, solid and continuum mechanics, dynamics, thermal/fluid

sciences, and mathematics. A new graduate student advising procedure was implemented similar to the one in place for undergraduate students. The procedure insures that all graduate students are adequately advised while at the same time allowing the Department to better plan graduate course offerings.

New research contracts awarded to Mechanical Engineering faculty rose for the fifth year in a row to $1,118,244. Research expenditures were also up over the previous year. In addition, ME faculty have performed funded research in collaboration with the Manufacturing Engineering Program, the Center for High Technology Materials, UNM Health Sciences, and other UNM Departments. Mechanical Engineering faculty remain active in publishing in archival journals, serving on national and international professional societies, and organizing and attending conferences.

Several administrative and staff changes took place during the last year. Dina Chavez assumed the position of undergraduate advisor, Jennifer Croffy assumed the position of graduate advisor, and Brian Nelis assumed the position of lab and computer technician. Departmental staff under the direction of Cecilia Aragon remain committed to customer service.

As outlined in this annual report, the Department has experienced continued progress and growth in its undergraduate program, graduate program, research program, and service. The Department has significantly strengthened its advanced mechanics of materials and multiscale fluid mechanics research thrust areas with excellent new faculty. Currently, the Department is performing a faculty search in the area of mechatronics/robotics to strengthen its third research thrust area. The Department has been extremely fortunate in its ability to attract world-class faculty over the past 6 years. These new faculty will help insure the quality of Departmental programs for years to come.

2. Student Enrollments (1997-2002)

Undergraduate— Mechanical Engineering					
	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
Sophomore	84	129	154	63	69
Junior	146	114	107	169	74
Senior	114	116	131	148	157
Total	**344**	**359**	**392**	**380**	**300**

Graduate										
	1997/1998		**1998/1999**		**1999/2000**		**2000/2001**		**2001/2002**	
	Sem I	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**	**Sem I**	**Sem II**
Full-Time	28	34	24	22	31	32	38	35	60	57
Part-Time	42	38	41	41	26	31	46	73	29	31
Total	**70**	**72**	**65**	**63**	**57**	**63**	**84**	**78**	**89**	**88**

3. Degrees Awarded (1997-2002)

Degrees Awarded	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
B.S. M.E.	29	56	33	54	53
M.S.M.E.	23	12	19	15	13
Ph.D.	2	1	1	1	2

M.S. Breakdown of Plan I (Thesis) and Plan II (Non-Thesis)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Thesis	9	7	5	4	7
Non-Thesis	14	7	14	8	6

M.S. and Ph.D. Student Thesis and Dissertation Titles

Summer 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Koel Abell	Shen	Microscopic Characterization of Eutectic Tin-Lead Alloy under Large Deformations
M.S.	Bryan Crespin	Starr	Integration of LGB Train and PUMA 560 for Automated Loading/Unloading Conveyor Systems
M.S.	Brian Kozola	Shen	Numerical Analysis Of The Correlation Between Macrohardness And Tensile Strength Of Discontinuously Reinforced Metal Matrix Composites
M.S.	Bryan Romero	Shahinpoor	Design And Analysis Of A Miniature Electromechanical Multifunctional Controlled Apparatus For Testing Mechanical Properties Of Delicate Biological Tissues And Bio Mimetic Artificial Muscles.
Ph.D.	None		

Fall 2001 Graduates

Degree	Student	Advisor	Title
M.S.	Jason Doster	Leith	Exponentially Correlated Noise In Stochastic Simulation
M.S.	Clinton	Starr	Dynamic Analysis And Mobility Study Of A

	Hobart		Single-Gait Walking Robot
M.S.	Joshua Montano	Starr	Autonomous Docking Of Two Mobile Robots Using Ultrasonic Transducers
M.S.	Matthew Moses	Starr	A Physical Prototype Of A Self-Replicating Universal Constructor
Ph.D.	Mehran Mjoharrad	Shahinpoor	Characterization And Modeling Of Ionic Polymetric Smart Materials As Artificial Muscles And Robotic Swimming Structures

Spring 2002 Graduates

Degree	Student	Advisor	Title
M.S.	Jed Donaldson	Starr	Design Of A Base Motion Generator
M.S.	Chandra Gatla	Ingber	Kinematical Particle Tracking For Boundary Element Methods
M.S.	Dan Marker	Tran	System Identification Of Membrane Mirrors For Acoustical Noise Control
M.S.	Todd McCollum	Ingber	Experimental And Numerical Analysis Of Irreversabilities Among Particles Suspended In Stokes Flow
M.S.	Aaron Stone	Razani	Enhancement Of Steam Condensation Heat Transfer Using Additives
Ph.D.	Mary Brown	Ingber	A Combined FEM/BEM Solution To The Vorticity Equation For 2-D Incompressible Viscous Fluid Flows

Graduate Student Awards:

- Carlos Gallegos received the Mechanical Engineering Outstanding Graduate Student Award at the School of Engineering 2002 Annual Barbeque.
- R. Wayne Leger was the recipient of a $9,000 Ford Motor Fellowship.

4. Faculty, Degrees, and Specializations

Name/Level	Degree/Date/Institution	Area of Specialization
Christensen, Kenneth Assistant Professor	Ph.D., 2001 University of Illinois, Urbana,	Experimental Fluid Mechanics and Turbulence
Ebrahimi, Nader D. Assistant Professor	Ph.D., 1983 University of Wisconsin, Madison	Numerical optimization, dynamics/ mechanics of machinery.
Greenlee, Robert Lecturer III	MSME, 1975 University of New Mexico	CAD; engineering software.
Gorbatikh, Larissa Assistant Professor	Ph.D., 2001 Tufts University	Micromechanics of Materials and Fracture Mechanics.
Ingber, Marc S. Professor	Ph.D., 1984 University of Michigan	Fluid dynamics, multiphase flows, computational mechanics.
Khraishi, Tariq Assistant Professor	Ph.D., 2000 Washington State University	Solid Mechanics/Materials, three-dimensional dislocation dynamics simulations.
Leith, James R. Associate Professor	Ph.D., 1980 University of Texas, Arlington	Natural convection, hydrodynamic stability, bifurcation modeling, experimental methods.
Lin, Yu-Yun (Claire) Assistant Professor	Ph. D., 2001 Cornell University	Fracture Mechanics and Failure of Adhesive.
Lumia, Ronald Professor	Ph.D., 1979 University of Virginia	Automation, controls, robotics, system architecture, software for manufacturing, open architecture control, sensory-interactive robot control, connecting equipment over the Internet, robotics cycle time reduction system.
Mammoli, Andrea Assistant Professor	Ph.D., 1995 University of Western Australia	Multiphase flow, composite materials, boundary element analysis.
Razani, Arsalan Professor	Ph.D., 1969 Purdue University	Thermodynamics and energy transport, heat transfer and combustion, radiation, energy conversion.

Russell, John Professor	Ph.D., 1974 University of Michigan	Aerodynamics, nonlinear dynamics and vibrations.
Shahinpoor, Mohsen Professor	Ph.D., 1970 University of Delaware	Artificial muscles, modeling, design and control of flexible robotic structures, mechanics, assistive technologies for the disabled.
Shen, Yu-Lin Associate Professor	Ph.D., 1994 Brown University	Materials science, mechanical behavior of materials, solid mechanics.
Starr, Gregory P. Professor	Ph.D., 1978 Stanford University	Robotics, dynamic systems and control, embedded computation.
Tran, Hy D. Assistant Professor	Ph.D., 1993 Stanford University	Precision engineering and control systems; metrology, sensors, optical technologies.
Truman, C. Randall Professor	Ph.D., 1983 Arizona State University	Fluid mechanics, transitional flows, aerodynamics, heat transfer, flow control.
Vorobieff, Peter Assistant Professor	Ph.D., 1996 Lehigh University	Fluid instabilities and turbulence; wake flows; shock-accelerated flows; soap film flows; granular media; 2D and 3D flow visualization; topological flow classification/decomposition; advanced flow field measurement techniques.
Wood, John E. Professor, Director of Manufacturing Engineering Program	Ph.D., 1976 Massachusetts Institute of Technology	Manufacturing, agile manufacturing and process control; business/ecology simulators, semiconductor manufacturing issues; automation; robotics, modeling, in-plant training for manufacturing computer graphics, laser-based micro sensors, micro mechano-chemical systems, bioenergetics.

5. Faculty Appointments, Retirements, and Resignations

Appointments:

The department initiated three faculty searches during the Fall 2001 semester. After extensive interviews the following faculty accepted offers to join the department:

- Kenneth Christensen, Assistant Professor Ph.D., 2001, University of Illinois, Urbana, IL
- Larissa Gorbatikh, Assistant Professor, Ph.D., 2001, Tufts University, Medford, MA
- Yu-Yun (Claire) Lin, Assistant Professor, Ph.D., 2001 Cornell, University

Administrative Appointments:

- Dr. C. Randall Truman was appointed associate chair and director of Mechanical Engineering Graduate Programs for the annual year of 2001/2002.

Retirements and Resignations:

- Dr. Mohsen Shahinpoor retired on June 30, 2002.

6. Faculty Promotion and Tenure Actions

- Effective March 2002, Dr. Peter Vorobieff successfully completed a code-3 review.

7. Faculty News

- Dr. Arsalan Razani, Halliburton Professor of Mechanical Engineering at the University of New Mexico, was elected as a Fellow of American Society of Mechanical Engineering (ASME) International in January 2002.
- Professor Randall Truman was named Best Faculty Mentor at the Third Annual ACE/PURSUE Joint Student Conference.
- John Russell received the 2002 School of Engineering Senior Faculty Teaching Excellence Award.
- Dr. Yu-Lin Shen was an invited speaker in three different countries (in fact, in three different continents) on the following subjects:

  "Deformation Induced Grain Realignment in Solder Alloys," Royal Institute of Technology, Stockholm, Sweden.

  "Indentation Modeling of Heterogeneous Materials: Invalidity of the Continuum-based Hierarchical Approach," National Taiwan University, Taipei, Taiwan.

  "Stress Related Issues in Thin Films and Devices," Seagate Technology, Bloomington, Minnesota.

Sabbaticals:

- None

Leave of Absence:

- None

FTE Reduction:

- None

Best Paper Awards:

- None

Recruiting Initiatives:

- Professor Robert Greenlee, Department Administrator Cecilia Aragon and Dina Chavez, Coordinator Undergraduate Programs participated in "Jump Start", a recruitment session for High School senior and their parents.

- The department developed an Undergraduate Student recruitment brochure that will be available at the Admissions and Student Affairs offices.

Major Research Awards:

- None

National Science Foundation (NSF) Career Award:

- None

Books Published:

- None

Workshops Hosted and Sponsored:

- None

8. Staff Appointments, Awards, and Resignations

Appointments:

- Randall Brent Lambert – Coordinator Graduate Programs
- Dina Chavez – Coordinator Undergraduate Programs
- Jennifer Croffy – Coordinator Graduate Programs
- Brian Nelis – Engineering Technician

Awards:

- Penn Davis was the recipient of the 2002 School of Engineering Outstanding Technical/ Research Staff Award.

Retirements:

- None

Resignations:

- Rodney Bowe – Administrative Assistant
- Ron Kay – Supervisor Engineering Labs
- Randall Brent Lambert – Coordinator Graduate Programs

9. Student Awards and Scholarships

- The UNM Chapter of the Society of Women Engineers (SWE) a non-profit educational and service organization selected officers, who coincidently are all ME students. The officers are as following: Andi Kaniho- President, Rebecca Coones-Vice President, Alicia Alonzo-Treasurer, Heather Gorenz-Secretary, Tiffany Roberts-Membership Coordinator and Raquel Redhouse-Corporate Contact.
- Chris Box received the First Place Award for "UNM FSAE 2002 Design Review", at the ASME International Regional XII Student Conference.
- Quinn Fatherly was the recipient of The ASME Foundation Scholarship.
- Michael Fuchs was the recipient of The John and Elsa Gracik Scholarship.
- Miguel Casias received the Hispanic Engineer National Achievement Awards Corporation (HENAAC) Undergraduate Scholarship.

- The following students received awards at the Region IV Student Conference held in Arlington, TX:

  Undergraduate Technical: 1st place, $500 and travel to National Student Conference, Reno, Jan. 2002, Jesse Vigil, *Second Wake Onset in the Flow Behind a Cylinder: Quantitative Flow Measurements*, advisor: Prof. P. Vorobieff; supported by PURSUE.

  Undergraduate Technical: 2nd place, $350, Daniel Georgiev, *3-D Simulations of Rigid Microwave-Propelled Sails*, advisor: Prof. E. Schamiglou. Daniel was honored with "Distinguished Engineering Student Recognition" by the New Mexico Society of Professional Engineers this year. He was recognized, "for outstanding efforts on behalf of the engineering profession, fellow students, and engineers." The award was presented on by Dean Joseph Cecchi.

School of Engineering Scholarships

Scholarship Name	Student	$ Amount
AGEP	Patrocino Chavez	$2,000
AGEP	Carlos Gallegos	$2,000
AGEP	Robert Hampton	$2,000
AGEP	R. Wayne Leger	$2,000
AGEP	Chris Platero	$2,000
FORD Motor	R. Wayne Leger	$9,000
OGS	Patrocino Chavez	$1,000
OGS	Robert Hampton	$1,000
OGS	Karen Max	$3,600
OGS	Chris Platero	$3,600
NSF	Christian Alexander	$1,250
NSF	Guillermo Hernandez	$1,250
NSF	James Madrid	$1,250
NSF	Julie Cordero	$1,250
NSF	Steven Mattern	$1,250
NSF	Guy Prevost	$1,250
NSF	Denise Romero-Navarrete	$1,250
Total		**$36,950**

Department Scholarships

Scholarship Name	Student	Amount
Miller Metal Scholarships	Robert E. Hampton	$2,000
	Zachary Ray	$500
B & G Taylor Scholarships	Jesus Lerma	$1,000
	Dominic Martinez	$2,000

	Theresa Martinez	$2,000
	Chris Platero	$1,000
	Joseph Bartsh	$1,000
	Karen Max	$1,500
	Robert Miller	$1,500
Berger Memorial Scholarship	Chris Box	$500
	David Wallace	$500
	Julie Cordero	$300
	Daniella Olguin	$300
Leonard Scholarship	John DeBassige	$500
	Kimberly Weaver	$500
	Robert McNabb	$325
	Audrey Morris	$325
	Roy Johnson	$325
	Jeremy Judernatz	$325
	Jonathan Roensch	$325
	Clark Donovan	$200
Morrison Memorial	Kathleen Welch	$325
	Jamés Madrid	$240
	Coby Martinez	$240
	Roy Johnson	$300
Webber Memorial	Quinn Fatherly	$250
Industrial Scholarships	Jing Peihua	$1,000
	Zachary Ray	$1,000
	Truesdell, Richard	$1,000
	Quinn Fatherly	$150
	Kathleen Welch	$100
	Jonah Dunham	$200
	Andrew Pope	$200
	Sofia Herrera	$100
	Christian Alexander	$100
	Kimberly Weaver	$100
	Audrey Morris	$100
	Steven Mattern	$100
ASHR A-NM Chapter	Alberto Tofoya	$300
	Jonathan Roensch	$100
Totals		**$22,830**

Awards: Spring 2002

Outstanding Junior in Mechanical Engineering	Colin Cunningham
Outstanding Senior in Mechanical Engineering	Quinn Fatherly
Outstanding Graduate in Mechanical Engineering	Carlos Gallegos

10. Faculty Release Time (FTE) for Research

1997-98					
Semester I	Ingber, M.	0.28	Semester II	Ingber, M.	0.16
	Lumia, R.	0.14		Lumia, R.	0.14
	Schreyer, H.	0.13		Tran, H.	0.06
	Truman, C.R.	0.05		Starr, G.	0.01
		0.60		Shahinpoor, M.	0.08
					0.45
1998-99					
Semester I	Ingber, M.	0.25	Semester II	Ingber, M	0.25
	Leith, J.	0.08		Schreyer, H	0.13
		0.33		Shahinpoor, M.	0.10
					0.48
1999-00					
Semester I	Ingber, M.	0.25	Semester II	Ingber, M.	0.06
	Tran, H.	0.03		Tran, H.	0.11
		0.28		Truman, C.	0.05
					0.22
2000-01					
Semester I	Mammoli	0.13	Semester II	Shen	0.06
	Tran	0.08		Shahinpoor	0.13
	Shen	0.06		Mammoli	0.27
	Ingber	0.12			0.46
		0.39			
2001-02					
Semester I	Mammoli	0.05	Semester II	Ingber	0.08
	Vorobieff	0.13		Mammoli	0.05
		0.18		Tran	0.14
				Vorobieff	0.23
					0.50

11. Amount of New Awards & Research Expenditures (1997-2002)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Total Expenditures	$628,833	$724,898	$944,637	$905,601	$917,575
Total Awards	$541,494	$653,043	$728,428	$1,051,254	$1,118,244

Research Expenditures

Account #	PI	Agency	Period	2001-2002 Amount Received	2001-2002 Research Expenses
3-10871	Shahinpoor	NASA	03/01/98-07/30/01	0.00	$7798.98
3-12551	Truman	SNL	09/30/98-08/16/02	$42,617.00	$52,007.13
3-12651	Razani	DOE	10/01/98-09/30/01	0.00	$22,784.00
3-13531	Mammoli	SNL	03/12/99-09/30/02	0.00	$(3,293.47)
3-14001	Shen	NSF	05/15/99-04/30/03	0.00	$45,680.17
3-14601	Lumia	NSF	07/01/99-06/30/01	0.00	$1,183.35
3-15441	Vorobieff	SNL	10/01/99-09/30/01	0.00	$15,766.19
3-15461	Mammoli	SNL	10/01/99-09/30/01	0.00	$7,028.27
3-17081	Vorobieff	Oak Ridge	05/25/00-05/24/01	0.00	$(146.09)
3-18251	Ingber	Texas Tech	10/02/00-08/16/02	$200,000.00	$221,821.96
3-18791	Tran	NSF	08/01/01-07/31/06	0.00	$42,503.10
3-18792	Tran	NSF	08/01/01-07/31/06	0.00	$9,992.98
3-19631	Vorobieff	Dept of Intr.	05/16/01-05/15/02	$150,494.00	$138,659.33
3-20871	Khraishi	AFOSR	10/15/01-10/14/04	$313,564.00	$13,281.76
3-21021	Khraishi	SNL	11/01/01-09/27/02	$35,000.00	$20,664.65
3-21051	Christensen	SNL	11/01/01-09/27/02	$35,000.00	$16,354.11
3-21121	Khraishi	Livermore	11/08/01-10/15/02	$80,089.00	$43,727.08
3-21811	Truman	Boeing	02/20/02-05/08/02	$97,340.00	$71,524.96
3-21961	Ingber	SNL	03/19/02-09/30/03	$65,341.00	$13,440.68

3-22481	Gorbatikh	SNL	06/20/02-07/31/02	$10,000.00	0.00
3-38671	Greenlee	NASA/QEM	06/01/01-08/15/01	$2,799.00	$43,171.81
3-47732	Ingber	SNL	05/01/99-09/30/01	$15,000.00	$14,988.95
3-48651	Truman	Air Force	06/01/97-05/31/01	0.00	$(573.84)
3-48841	Ingber	DOE	06/15/97-06/14/03	$71,000.00	$119,209.23
			Totals	**$1,118,244.00**	**$917,575.29**

New Awards: FY 2001-2002

Proposal Number	PI Name	Sponsor Name	Project Title.	Start Date - End Date	Amount
3-20871	Khraishi	AFOSR	Fundamental Studies of Strength Mechanism in Metals using Dislocation Dynamics	10/15/01 – 10/15/04	$313,564.00
3-21021	Khraishi	SNL	Surp FY 31-02 Plastic Flow Localization in Voided Materials	11/01/01 – 09/27/02	$35,000.00
3-21051	Christensen	SNL	Surp FY 31-02 Validation of Steroscopic Particle-Image Velocimetry - Turb Flow	11/01/01 – 09/27/02	$35,000.00
3-21121	Khraishi	Livermore	3D Dislocation Dynamics Simulations-Hardening in Metals Induced by Helium Bubbles	11/08/01 – 10/15/02	$80,089.00
3-21811	Truman	Boeing	Flow Diagnostic System Development	02/20/02 – 05/08/02	$97,340.00
3-21961	Ingber	SNL	Development of a Vorticity Method for the Solution of Nonlinear Viscous Shear	03/19/02 – 09/30/03	$65,341.00
3-22481	Gorbatikh	SNL	On Proper Interpretation & Modeling of Damping in Joints	06/20/02 – 07/31/02	$10,000.00
TOTAL					**$636,334. 00**

12. Patents Awarded

- No Patents awarded during FY 2001 – 2002

13. Monetary Donations and Gifts: 2001-2002

Date	Donor Name	Amount
08/31/01	PNM Foundation	$ 30.00
10/21/01	Gerk Ray	$ 200.00
11/25/01	Penny Lynn Bott	$1,000.00
11/25/01	Elliot Timothy Evan	$ 50.00
03/02/02	Alumni Association	$ 386.00
03/02/02	Ford	$5,000.00
03/02/02	Xinqiao Want	$ 50.00
04/01/02	Don Chalmers	$1,000.00
04/08/02	Elsie Frederik	$ 10.00
04/08/02	IBM Corp.	$ 100.00
04/08/02	Tein Yi Suang	$ 200.00
07/01/02	Lockheed Martin	$ 250.00
Total Contributions		**$8,276.00**

Manufacturing Engineering Program
Annual Report
July1, 2001 to 30 June 2002
By John Woods

1. Summary of Events

- [FY-02] Received a $220,000 increment in MEP base funding, based on testimony at the 2001 NM Legislature, to support cleanroom operations, effective FY-02. This increased the MEP Special Projects funding, for FY-02, to $501, 900.

- [2 April 2001 to March 2002] Supported advertisement of MEP on KNME, nightly, following Nightly Business Minute.

- [Fall 2001] Completed design and construction of Phase Ia of the MTTC Cleanroom, using $925k from 1998 GO Bond, $50k of STB capital funds from the 2002 legislature, and $125k from MEP accounts. The Phase Ia construction included a litho bay containing a coat track, develop track, spin-rinse dryer, microscope, stepper, solvent spray tool, surface scanner tool, and acid bench. This equipment required installation of supporting utilities such as DI/RO, make-up air unit, re-circulation air compressor, air-conditioner, air-filters, humidifier, air tank, air dryers, nitrogen tank, and an upgraded acid-waste neutralization facility. All semiconductor processing equipment was donated from industry. LWG was the prime architect, and JBH was the prime contractor. The cleanroom opened for operation, November 2001. Engineering students (27) from EECE 574L Microprocessor course and technicians (12) from TVI used the equipment for training.

- [27 Sep 2001] Provided testimony to the Commission on Higher Education requesting additional installation for the MTTC Cleanroom Project, in the amount of $1,510,000 for Phase II construction. The CHE approved this project as part of its 2002 Capital Projects recommendations to the NM Legislature.

- [25 October 2001] Provided testimony to the Commission on Higher Education requesting additional operating funds for the MTTC Cleanroom Project, in the amount of $220,000 for Phase Ib operations. The CHE approved this project as part of its 2002 recommendations to the NM Legislature.

- [26 October 2001] Gave demonstration of Robotics and Automation Design and Drive System (RADDS) dual-arm robotics workcell to DOE-AL and URPR representatives (from U. Florida, U. Michigan, U. Tennessee and U. Texas).

- [Spring 2002] Provided testimony to the 2002 NM Legislature for additional installation and operating funds for the MTTC Cleanroom Project, requesting $1,510,000 for Phase II construction, and $220,000 as a Special Project increase. The Legislature and the Governor

approved the full construction request, as a GOB item. The Special Project increase, for FY-03, was not appropriated.

- [15 March 2002] Participated with faculty from SOE, SOM and CAS in the development and submission of a pre-proposal to the Whitaker Foundation for the creation of a graduate-level biomedical engineering program. This proposal was not invited for a full proposal.

- [10 April 2002] Gave demonstration of Robotics and Automation Design and Drive System (RADDS) dual-arm robotics workcell to NSF representative (Dr. Elbert L. Marsh, Deputy. Ast. Dir., Engr/OAD).

- [24 April 2002] Participated (J. Wood; H. Weaver) with the Albuquerque Technical-Vocational Institute (TVI), as a subaward in a preliminary proposal to NSF ATE, for creation of a center for MEMS education.

- [25 April 2002] Gave demonstration of RADDS workcell to venture capitalist (TL).

- [30 April 2002] Gave tour of RADDS workcell to local SME members (Hossink et al.).

- Courses that were financially supported (in whole or in part) by the Mfg. Engr. Prog., for FY-02, are listed below, by semesters:

No.	Sem	Instructor	Course Title
ChNE-586	F01	Stein/ Heatherington	Des of Experiments for S/C processing
EECE-473	F01	Daniel	S/C Matls, Circ, Devices
EECE-595	F01	Hawkins	Microelectronics Failure Analysis (MFA)
ME-561	F01	Prairie	Stat. Methods for Improving Product Quality
ME-585	F01	Lumia	Modern Mfg Methods

No.	Sem	Instructor	Course Title
CS-492	S02	Beer	Computers in Manufacturing
EECE-529	S02	Draper/ Meisenheimer	Process Integration and Test
EECE-487	S02	Blewer/Weaver	Semiconductor Factory Des & Integration
EECE-586	S02	Lumia	DFM
EECE-595	S02	Hawkins	Microelectronic Reliability (MREL)
ME-588	S02	Wood	Design and Manufacturing in Industry

- The MEP provided partial support for Dr. Harry Weaver (Res. Prof., ChNE), who assisted with the Phase I construction details of the MTTC Cleanroom. In addition to co-teaching EECE-487, he assisted with the review and evolution of semiconductor-relevant curricula within the MEP and other departments. He also worked with Prof. C. Hawkins, Dr. M. Daniel, and others to define course content for new and revised courses. He also worked to get private companies to utilize the MTTC Cleanroom.

- MEP provided $2,000 (PR 238821, 27 Feb 02) in support of the Formula SAE (ME Dept) student car project (Dr. J. Russell, instructor).

- During 2001, the IEEE marketed and distributed videotapes of MFA, MREL and MTE courses, created by MEP.

- The MTTC Cleanroom received approximately $34k from the Sandia Small Business Assistance Program (SONM Severance Tax rebate fund) to pay for contractor J.B. Henderson to install equipment (solvent and acid benches), during FY-02, to facilitate MEMX, a hi-tech startup, to use the cleanroom.

- As in past years, industry supported students in a variety of ways, including fellowships, internships, and mentoring of student projects.
  - The Journal Publishing Company provided fellowship funds ($5k, Aug 2001).
  - Honeywell provided fellowship funds ($5k, 9/12/01) on behalf of the Cory Santillan Family; used to support one MEP graduate student (Wahner, S/02).
  - Philips supported one summer internship (Hamilton, Summer 2001).
  - MEMX provided one internship (Smith, MEMX employee).
  - Companies that supported student projects included Am. Gypsum (Wahner), CTS (Vencill), Ethicon (Wright), Honeywell (Pickett), Philips Semiconductor (Olwine), E. Thompson (Hamilton).
  - Companies that supported student classroom projects included LANL (Latham), Ethicon (Wright), Sumitomo (Podzemny).

- Companies that provided lectures or tours included AMD, Analog Devices, AFRL/VSSE, Agilent, IBM, Infineon, Intel, Keithley, Medtronics, Novellus, Schlumberger, SEMATECH, SNL, TI, Neocera, Zilinx, ABQ Journal, American Gypsum, Creamland, Elastimold, Ernest Thompson, Ethicon, GE, Honeywell, Karsten Homes, Rio Grande Cement, and Shube's.

- Companies that contributed to education/training projects included Intel, Philips Semiconductor, and SRC (NC).

- Companies that donated equipment and/or supplies to the MEP, during FY-02, included Philips Semiconductor (cleanroom uniforms). Discussions continued with Intel regarding CMP and AMAT tool donations.

2. Student Enrollments

Students enrolled in MEP or MEP-ASM or MEP-concentration degree plans, over the past 5 years, are tabulated below:

Graduate Enrollments	FY-98	FY-99	FY-00	FY-01	FY-92
M.Engr. (MEME; code 339)		14	15	17	17

M.Engr./MBA (code 339/140)		2	2	1	3
M.S. M.E. with Mfg Engr Conc (code 65)		2	2	1	6
M.S. EECE with Mfg Engr Conc (code 173)		2	3	2	1
TOTAL		**20**	**22**	**22**	**27**

Note that these numbers will differ from the UNM and Departmental records, since some students pursing a graduate degree do not register continuously (semester-to-semester), yet are known to be working towards a degree. FY-03 enrollments, including MEME, MEME/MBA and MS candidates, have increased to about 32 (21 MEME; 3 MEME/MBA; 8 MSME).

3. Degrees awarded in past 5 years

Degrees awarded by type (1988 to July 2002), including the M.S. in ME with a Manufacturing Concentration, and the M.S. in EECE with a Manufacturing Concentration, are tabulated below:

Degree Awarded	FY-98	FY-99	FY-00	FY-01	FY-92	5-yr Sum	Since 1991
M.Engr. (MEME; code 339)	1		2	2	2	7	15
M.Engr./MBA (code 339/140)			1	1		2	2
M.S.M.E. with Mfg Engr Conc; code 65)	2		2			4	20
M.S.E.E. with Mfg Engr Conc; code 173)						0	9
TOTAL	3	0	5	3	2	13	46

Note that the M.S. degrees (with Mfg. Concentrations) will also show up in EECE and ME reports. The MEP advises these students, seeks projects for these students, and provides a Mfg. Engr. Certificate in parallel with their Departmental M.S. degree. The MEP also provides financial support for some of these students.

With the opening of the MTTC Cleanroom, enhancements to the Semiconductor Track of the MEME degree, and an eventual upturn in the computer-related economic sector, and enhanced advertising efforts, we are expecting growth in the MEP enrollments and hence graduations.

4. MS & PhD students Thesis and Dissertations

The MEP is a Masters-only program. Thus, there are no Ph.D. Dissertations to report (although the MEP financially supports M.S. and Ph.D. candidates in other departments). Also, the MEP encourages M.Engr. students to do a project with an industry sponsor, rather than a conventional Thesis, in order to broaden their real-world experience. Projects with industry typically include a Return-On-Investment analysis to justify the technical effort.

Projects and Theses completed during FY-02 are tabulated below:

Student	Project/Thesis	Advisor	Grad Date	Degree
Olewine, M.	Project (Philips S/C): "Metal-	Cecchi	01-07	MEME

	Insulator-Metal (MIM) Capacitors for RF-BiCMOS Technology"			
Vencill, T.	Project (CTS): "Electrical Response Optimization of Radio Frequency Passive Filter Devices for Telecommunications"	Wood	01-07	MEME

Summer-02 graduates are tabulated below:

Student	Project/Thesis	Advisor	Grad Date	Degree
Braun, B.	Thesis: "A Framework for Implementing Cooperative Motion on Industrial Controllers"	Starr	02-07	MSME

Graduate students financially supported as Research Assistants, during FY-02, by Federal R&D funds granted to the MEP, are tabulated below:

Student	Project/Thesis Topic	Advisor	Expect Grad Date	Degree sought
S. Cao	Thesis: Modeless Grasp Optimization (DOE funding)	Wood	03-08	M.S., ME
X. Cheng	Thesis: Reciprocal Adaptive Dual-arm Control (DOE funding)	Wood	05-05	Ph.D., ME
K. Jonnalagadda	Thesis: "Development of an Active Vision System for Object Recognition and Reconstruction" (DOE funding)	Lumia	03-05	MSME; MSEE
K. Horspool	Thesis: "Cartesian Space Adaptive Control for the Dual Arm Problem using Industrial Robots" (DOE funding)	Starr	03-12	Ph.D., EECE
Y. Liu	Thesis: "Simulation-Based Grasp Synthesis using Neural Networks" (DOE funding)	Starr	03-12	Ph.D., ME
T. Martinez	Thesis: "Improving a Dual-Hand Grasp using External Force" (DOE funding)	Starr	N/A	M.S., ME
J. Zhang	Thesis: "Dual Arm Load Sharing Using Flexible Grippers" (DOE funding)	Lumia	03-12	Ph.D., EECE

Graduate students financially supported as Project Assistants, during FY-02, by Federal R&D funds granted to the MEP, are listed below:

Student	Project	Advisor	Admit Date	Degree sought
V. Hemmige	DOE RADDS, Programming Support	Wood	01-08	MEME
S. Inaganti	DOE RADDS, Programming Support	Lumia	01-08	MEME
N. Joshi	NSF ATE Cross-training Programming	Wood	01-08	MEME/ MBA
A. Romero	DOE RADDS, Programming Support	Lumia	01-08	MEME
M. Yadlapalli	DOE RADDS, Programming Support	Lumia	01-08	MEME

5. Faculty List

The MEP is a Program, not a Department. Thus, "its" faculty members are actually members of various UNM Departments. Faculty members that are key to the MEP, based on direct financial support by the MEP during FY-02, include:

Name	Title	Activity
J. Beer	Adj. Prof., CS; Res. Engr. IV	Instructor for CS-492 CIM S/02; Staff participant on DOE Grant
B. Blewer	Dist. Prof., EECE	Co-Instructor for EECE-487 Fac Des & Integr
M. Daniel	Adj. Prof., EECE	Instructor for EECE-473 F/01
B. Draper	Adj. Prof., EECE	Co-instructor for EECE-529 PIT S/02
C. Fleddermann	Asc. Dean; Prof. EECE	Faculty participant on NSF ATE Grant
C. Hawkins	Prof., EECE	Instructor for MFA F/01 and MREL S/02
D. Heatherington	Adj. Prof., ChNE	Co-Instructor for ChNE-486 Des Expr S/C Proc
R. Lumia	Prof. ME	Co-PI DOE Grant
T. Meisenheimer	Adj. Prof., EECE	Co-instructor for EECE-529 PIT S/02
R. Prairie	Adj. Prof., ME	Instructor for ME-583 SMIPQ F/01
C. Smith	Ast. Prof., EECE	Faculty participant on DOE Grant
J. Soden	Adj. Instruc., EECE	Assistant Instructor for MFA F/01 and MREL S/02
G. Starr	Prof., ME	Co-PI DOE Grant
D. Stein	Adj. Prof., ChNE	Co-Instructor for ChNE-486 Des Expr S/C Proc
H. Weaver	Res. Prof., ChNE	MEP curriculum development; Co-Instructor for EECE-487 Fac Des & Integr
J. Wood	Prof. ME; Dir., MEP	Director MEP; PI DOE Grant; PI NSF Grant; PI SONM S/P funds; PI SONM COR funds

Numerous other "key" faculty members across campus, including HSC/SOM, ASM, A&S and other SOE departments, participate in curriculum development and mentoring of student projects.

6. Faculty Appointments

The MEP is a Program, not a Department. Thus, there are no "MEP" Faculty Appointments per se.

7. Faculty Promotion and Tenure Actions

The MEP is a Program, not a Department. Thus, there are no "MEP" RPT actions per se.

8. Faculty News

* Appointments:

Harry Weaver (Res. Prof. ChNE; partly paid by MEP) was appointed as the Technical Advisor for Microsystems, within the non-profit Next Generation Economy organization.

* Journal papers accepted during FY-02:

Braun, B., Starr, G., Wood, J. and Lumia. R. (2002): "A Framework for Implementing Cooperative Motion on Industrial Controllers", IEEE Transactions on Robotics & Automation (in press).

9. Staff appointments, retirements, resignations, news

The MEP supported Fred Padilla (Microelectronics Tech), as a temporary employee, to work in the MTTC Cleanroom. Mr. Padilla, in addition to maintaining equipment and utilities, also supported development and delivery of class-related labs (EECE-574L, ChNE-586) during FY-02.

10. Student Awards and scholarships

The MEP periodically awards industry-provided fellowships to its students. FY-02 distributions are tabulated below:

Student	Semester	Amount	Source
Wahner, L.	S/02	$4,000	Honeywell (C. Santillan)

Undergraduate students, serving as administrative assistants, supported by the MEP included:

Student	Dept.	Project
Archuleta, J.	MEP	SONM, DOE and NSF admin ast. (SA)

Sanchez, P.	MEP	SONM, DOE and NSF admin ast. (SA)
MellissaGallegos	MEP	SONM, DOE and NSF admin ast. (SA)

Undergraduate summer students supported by the MEP included:

Student	School	Research project
Duvall, S.	M.I.T. (EE/CS Dept)	DOE RADDS (Color sorting work, Wood advisor); Summer 2001

11. Research Support

Research funding in effect during FY-02 (these resulted from proposals written during FY-01):

- NSF ATE Grant, "Cross-training Technicians and Engineers for Semiconductor Manufacturing", for $520,000 over 2 yrs ($375,648 for FY-02; $144,352 for FY-03). PI's = J. Wood (UNM), F. Lopez (TVI), B. Matar and M. Midgley (MCCCD).

- DOE University Research Program in Robotics (URPR): "Robotics and Automation Design and Drive System", for $850,000 for FY-02. PI's = J. Wood, R. Lumia, and G. Starr.

These funds complement State of New Mexico funding to the MEP that was in effect during FY-02, as listed below:

- State of New Mexico, "Phase I installation of equipment into MTTC Cleanroom", for $900,000 (1998 G.O. Bond). PI = J. Wood (UNM).

- State of New Mexico, "Phase I installation of equipment into MTTC Cleanroom", for $25,000 (2000 Legislature, STB). PI = J. Wood (UNM).

- State of New Mexico, "Phase I installation of equipment into MTTC Cleanroom", for $50,000 (2002 Legislature, STB). PI = J. Wood (UNM).

- State of New Mexico Special Project funds, "The Manufacturing Engineering Program", for $501,900, for FY-02. PI = J. Wood (UNM).

Research awards and expenditures for the MEP, over the past 5 years (FY-98 to FY-02), are tabulated below:

Source	Years	Award $	Expenditure $	PI/Co-PI's
TRP 1221	FY-98	$0	$385,479	JW (1994 award)
TRP 1221	FY-99	$0	$26,064	JW (1994 award)
TRP 3666	FY-98	$0	$229,086	JW (1994 award)

TRP 3666	FY-99	$0	$17,332	JW (1994 award)
DOE URPR	FY-98	$660,000	$471,067	JW, RL, GS
DOE URPR	FY-99	$650,000	$860,628	JW, RL, GS
DOE URPR	FY-00	$642,000	$669,073	JW, RL, GS
DOE URPR	FY-01	$642,000	$674,164	JW, RL, GS
DOE URPR	FY-02	$850,000	$784,512	JW, RL, GS
NSF ATE	FY-99	$469,051	$295,561	JW, BM, RC, LF
NSF ATE	FY-00	$430,949	$384,440	JW, BM, RC, LF
NSF ATE	FY-01	NCE	$198,328	JW, FL, BM, MM
NSF ATE	FY-02	$375,648	$139,198	JW, FL, BM, MM
TOTAL		**$4,719,648**	**$5,134,932**	TOTAL

(TRP grants 1221, $2.2M and 3666, $0.6M, were award to MEP in 1994).

In addition, the Mfg. Engr. Prog. has received Special Project funding from the State of New Mexico on an annual basis since 1994. The tally of awards and expenditures, over the past 5 years, is:

Source	Years	Award $	Expenditure $	PI/Co-PI's
St of NM	FY-98	$189,800	$178,838	JW
St of NM	FY-99	$248,200	$259,082	JW
St of NM	FY-00	$258,100	$266,567	JW
St of NM	FY-01	$265,600	$279,893	JW
St of NM	FY-02	$501,900	$488,217	JW
TOTAL		**$1,463,400**	**$1,472,597**	TOTAL

(Expenditures do not include outstanding encumbrances).

And, the MEP has received Capital Outlay funds from the State of New Mexico (SONM) for the construction of the MTTC cleanroom (with associated expenditures shown):

Source	Years	Award $	Capital Expend $	PI/Co-PI's
SONM Clnrm	FY-98	$900,000	$0	JW (FY-99 GOB)
SONM Clnrm	FY-99	$0	$5,848	JW
SONM Clnrm	FY-00	$25,000	$12,314	JW (FY-01 STB)
SONM Clnrm	FY-01	$0	$370,989	JW
SONM Clnrm	FY-02	$50,000	$711,011	JW (FY-03 STB)
TOTAL		**$975,000**	**$1,100,164**	TOTAL

The overage between expenditures and SONM awards was picked up by the MEP in the amount of $125,164.

Capital expenditures for the MTTC Building (against a 1995 project award and expenditure of $6,131,000), over the past 5 years, are tabulated below:

Source	Years	Award $	Capital Expend $	PI/Co-PI's

EDA/UNM	FY-98	$0	$1,774,865	JW
EDA/UNM	FY-99	$0	$90,826	JW
EDA/UNM	FY-00	$0	$21,861	JW
EDA/UNM	FY-01	$0	$7,397	JW
EDA/UNM	FY-02	$0	$0	JW
TOTAL		**$0**	**$1,894,949**	TOTAL

Summarizing the TOTAL Federal Research, MEP SONM Special Project, and MTTC/Cleanroom Construction expenditures by FY, for the past 5 years, we have:

Years	Fed Expend $	SONM Expend $	Capital Expend $	TOTAL Expend $
FY-98	$1,085,632	$178,838	$1,774,865	$3,039,335
FY-99	$1,199,585	$259,082	$96,674	$1,555,341
FY-00	$1,053,513	$266,567	$34,175	$1,354,255
FY-01	$872,492	$279,893	$378,386	$1,530,771
FY-02	$923,710	$488,217	$711,011	$2,122,938
TOTAL	**$5,134,932**	**$1,472,597**	**$2,995,111**	**$9,602,640**

12. Patents

None.

13. Gifts

- The Journal Publishing Company (Albuquerque Journal) gave the MEP $5,000 in fellowship funds (Aug 2002).
- The Corey Santillan Fellowship Fund contributed $5,000 to the MEP Fellowship pool (12 Sep 01).
- The MEP received $14k from Intel (29 May 02).
- Philips Semiconductor donated cleanroom uniforms (no declared value).

Department of Chemical and Nuclear Engineering
Annual Report
July 1, 2001 to June 30, 2002
Julia E. Fulghum, Chairperson

1. Introduction:

The Department has seen a change of leadership as Julia E. Fulghum was named as Professor and Chair of the department in May, after a national search. She assumes leadership of the Department in August, 2002. Her research interests include materials characterization with an emphasis on multi-technique correlation and multivariate analysis for non-destructive evaluation of heterogeneous samples. She replaces Norman F. Roderick who had served as Interim Chair since November 2000. As part of the change in administration, Professors Abhaya Datye and Anil K. Prinja will serve as Associate Chairs of the department.

Undergraduate and graduate enrollments have remained stable, with a large increase in the nuclear engineering undergraduate program.

C. Jeff Brinker was elected into the National Academy of Engineering (NAE). Academy membership honors those who have made important contributions to engineering theory and practice and those who have demonstrated unusual accomplishment in the pioneering of new and developing fields of technology. Jeff is only the third individual from UNM to be elected into the National Academy of Engineering.

Werner Lutze, Nuclear Engineering Professor, retired in September. A national search has been started with Professor Anil K. Prinja chairing the search committee.

Mohamed Shafik El-Genk, received a multi-year program from the Department of Energy (DOE) for $375,000 to increase minority enrollment in the Nuclear Engineering program.

Bob Busch received the national award for distinguished service from the American Nuclear Society's Nuclear Criticality Safety Division (NCSD) and is the first faculty member from any university to receive this award.

Students from the department were selected to fly an experiment as part of the NASA Reduced Gravity Student Flight Opportunities Program on board the microgravity KC-135 airplane at Johnson Space Center. This was the second year in a row the department won this national competition.

2. Student Enrollments (1997-2002)

Undergraduate— Chemical Engineering					
	1997/1998	**1998/1999**	**1999/2000**	**2000/2001**	**2001/2002**
Sophomore	11	12	26	30	15
Junior	14	15	12	11	17

Senior	32	23	22	17	15
Total	**57**	**50**	**60**	**58**	**47**

Undergraduate— Nuclear Engineering

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Sophomore	1	2	3	3	10
Junior	3	3	2	3	12
Senior	4	1	2	2	4
Total	**8**	**6**	**7**	**8**	**26**

Graduate

	1997/1998		1998/1999		1999/2000		2000/2001		2001/2002	
	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II
ChE	62	54	46	44	47	42	43	43	37	42
NE	51	55	51	42	39	42	36	37	26	29
Total	**113**	**109**	**97**	**86**	**86**	**84**	**79**	**80**	**63**	**71**

3. Degrees Awarded (1997-2002)

Degrees Awarded	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
B.S. ChE	22	20	12	17	22
B.S. NE	5	1	1	0	3
M.S. ChE	13	12	5	11	2
M.S. NE	10	7	10	5	2
Haz Waste	0	1	2	0	0
Ph.D. ChE	11	3	3	2	1
Ph.D. NE	4	2	3	4	4

M.S. Breakdown of Plan I (Thesis) and Plan II (Non-Thesis)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Thesis	23	19	15	14	4
Non-Thesis	0	1	0	2	0

M.S. and Ph.D. Student Thesis and Dissertation Titles

Summer 2001 Graduates

Degree	Student	Advisor	Title
M.S. NE	Jennifer Sattleberger	Norman Roderick	A Comparison of Calculated Photon Dose to Extremity Tissues & Dosimeters

Ph.D. NE	Jennifer Jacobs	Gary Cooper	Effects of Thermoradiation Treatments on the DNA of Bacillus Subtilis Endospores
Ph.D. NE	Medhi Eliassi	Norman Roderick	On-Continuum-Scale Numerical Simulation of Gravity-Driven Fingers in Unsaturated Porous Materials
Ph.D. NE	James Soukup	Gary Cooper	Non-destructive Assay in Complex, Self-Attenuating Radioactive Materials by Gamma Spectroscopy

Fall 2001 Graduates

Degree	Student	Advisor	Title
M.S. ChE	Ioana Anghel	Eric Nuttall	Comparison of Polystyrene and Silica Colloids Transport in Saturated Rock Fractures
M.S. ChE	Alice Slemmons	Abaya Datye	Evaluation of Ion Exchange Resins for Use in Development of Process for Removal of Plutonium from Uranium
M.S. NE	Sabiha Naz	Lutze	Criticality Analysis of a Zirconia Based Ceramic Waste Form for the Disposal of Plutonium
Ph.D. NE	Amr Abdel-Fattah	Mohamed El-Genk	Colloid Deposition onto a Solid Surface under Low-flow Conditions in Parallel-plate Geometry

Spring 2002 Graduates

Degree	Student	Advisor	Title
Ph.D. ChE	Doshi Dhaval	C. Jeff Brinker	Understanding and Directing Self-Assembly of Inorganic Nanostructures
Ph.D. NE	Francisco Souto Mantecon	Anil Prinja	Investigation of the Effects of Radiolytic-gas Bubbles on the Long-term Operation of Solution Reactors for Medical-isotope Production

5. Faculty, Degrees, and Specializations

Regular:

Harold M. Anderson, (Ph.D., 1981, Wayne State University), Associate Professor, ChE
Plamen Atanassov, (Ph.D., 1992, Bulgarian Academy of Science), Assistant Professor, ChE
Jeffrey Brinker, (Ph.D., 1979, Rutgers University), Professor, ChE
Robert D. Busch, (Ph.D., 1976, University of New Mexico), Lecturer III, NE
Joseph L. Cecchi, (Ph.D., 1972, Harvard University), Professor and Dean, ChE
C.Y. Cheng, (Ph.D., 1967, Kyoto University), Professor Emeritus, ChE
Gary W. Cooper, (Ph.D., 1976, University of Illinois), Associate Professor, NE
Abhaya K. Datye, (Ph.D., 1984, University of Michigan), Professor and Associate Chair, ChE
Mohamed S. El-Genk, (Ph.D., 1978, University of New Mexico), Professor, NE
Julia E. Fulghum, (Ph.D., 1987, University of North Carolina), Professor and Chair, ChE
Sang. M. Han, (Ph.D., 1998, University of California-Santa Barbara), Assistant Professor, ChE

David Kauffman, (Ph.D., 1970, University of Colorado), Professor, ChE
Ronald E. Loehman, (Ph.D., 1969, Purdue University), UNM/NL Professor, ChE
Gabriel P. López, (Ph.D., 1991, University of Washington), Associate Professor, ChE
Richard W. Mead, (Ph.D., 1971, University of Arizona), Associate Professor, ChE
H. Eric Nuttall, (Ph.D., 1971, University of Arizona), Professor, ChE
Jonathan Phillips, (Ph.D., 1981, University of Wisconsin-Madison), UNM/NL Professor, ChE
Anil K. Prinja, (Ph.D., 1980, University of London), Professor and Associate Chair, NE
Norman F. Roderick, (Ph.D., 1971, University of Michigan), Professor, NE
Timothy L. Ward, (Ph.D., 1989, University of Washington), Associate Professor, ChE
Glenn Whan, (Ph.D., 1957, Carnegie Institute of Technology), Professor Emeritus, ChE
Ebtisam S. Wilkins, (Ph.D., 1976, University of Virginia), Professor, ChE

Research:
Jean-Michel P. Tournier, (Ph.D., 1996, University of New Mexico), Research Assistant Professor, NE
Harry T. Weaver, (Ph.D., 1968, Auburn University), Research Professor, ChE

Part-time
Lee F. Brown, (Ph.D., 1963, University of Delaware), Research Professor, LAT
Laura J. Frink, (Ph.D., 1995, University of Illinois), Adjunct Assistant Professor, LAT
Nancy Jackson, (Ph.D., 1990, University of Texas), Research Associate Professor, LAT
R. Barry King, (M.S., 1973, University of Houston), Adjunct Instructor, LAT
Toivo T. Kodas, (Ph.D., 1986, University of California, Los Angeles), Research Professor, LAT
William Kroenke, (Ph.D., 1963, Case Institute of Technology, Ohio), Research Professor, LAT
Yunfeng Lu, (Ph.D., 1998, University of New Mexico), Research Assistant Professor, LAT
J. Heidi Ruffner, (Ph.D., 1993, University of Arizona), Research Associate Professor, LAT
Howard S. Sherry, (Ph.D., 1963, State U. of N.Y. at Buffalo), Research Professor, LAT
Douglas M. Smith, (Ph.D., 1982, University of New Mexico), Research Professor, LAT
David Stein, (Ph.D., 1998, University of New Mexico), Research Assistant Professor, LAT
Chung-Yi Tsai, (Ph.D., 1996, Worcester Polytechnic Institute), Research Assistant Professor, LAT
Frank van Swol, (Ph.D., 1978, University of Amsterdam), Research Professor, LAT

6. Faculty Appointments, Retirements, and Resignations

Appointments:
Julia E. Fulghum, (Ph.D., 1987, University of North Carolina), Professor and Chair, ChE
Wusi Maki, (Ph.D., 1996, University of Cape Town, South Africa), Research Assistant Professor
Anthony Malanoski, (Ph.D., 1999, University of Massachusetts), Research Assistant Professor, ChE
Hamad Saber, (Ph.D., 2000, University of New Mexico), Research Assistant Professor, NE
Juchao Yan, (Ph.D., 1997, Changchun Institute of Applied Chemistry, China), Research Assistant Professor
Yi Yang

Administrative Appointments:
Julia E. Fulghum, (Ph.D., 1987, University of North Carolina), Professor and Chair, ChE
Abhaya K. Datye, (Ph.D., 1984, University of Michigan), Professor and Associate Chair, ChE
Anil K. Prinja, (Ph.D., 1980, University of London), Professor and Associate Chair, NE

Retirements and Resignations:
Laure Koltunski, (Ph.D., 1998, University of Orleans, France), Research Scholar, ChE
Victor H. Perez-Luna, (Ph.D., 1995, University of Washington), Research Assistant Professor, ChE
Werner Lutze, (Dr. rer. nat., 1967, Technische Universitaet Berlin, Germany), Professor, NE
Wusi Maki, (Ph.D., 1996, University of Cape Town, South Africa), Research Assistant Professor
Thomas P. Rieker, (Ph.D., 1988, University of Colorado), Research Associate Professor, ChE
David L. Sidebottom, (Ph.D., 1989, Kansas State University), Research Assistant Professor, ChE
Thomas P. Swiler, (Ph.D., 1994, University of Florida), Research Assistant Professor, ChE
Karel J.R. Vanheusden, (Ph.D., 1993, Katholieke Universiteit Leuven, Belgium), Research Assistant Professor, ChE

7. Faculty Promotion and Tenure Actions

none

8. Faculty News

The following administrative changes took place during the current fiscal year:

Sabbaticals:

H. Eric Nuttall, (Ph.D., 1971, University of Arizona), Professor, ChE
Anil K. Prinja, (Ph.D., 1980, University of London), Professor and Associate Chair, NE
Timothy L. Ward, (Ph.D., 1989, University of Washington), Associate Professor, ChE

Leave of Absence:
none

FTE Reduction:
none

Other Noteworthy Achievements of the Faculty:

Jeff Brinker and graduate student Dhaval Doshi were named winners in the 2001 Collegiate Inventors Competition for "Optically Adjustable Nanostructures". They were one of only five student/advisor teams to receive this year's award.

Best Paper Awards:
MRS Graduate Student Gold Award – Dhaval Doshi (Brinker Grad Student)
MRS Best Poster Award – Yi Yang (Brinker Group Member)

Recruiting Initiatives:
The Department hired a student recruiter this year, Reyna Sandoval. Reyna attended career fairs and created new posters and flyers for the department.

Major Research Awards:
Anil Prinja, DOE NEER, $97,198
Plaman Atanasov, ONR, $349,998

National Science Foundation (NSF) Career Award:
Sang Han received the second year of his NSF career award at $85,000.

Books Published:
none

Workshops Hosted and Sponsored:
March 22 - Western States Catalysis Club Symposium - Abhaya Datye & Tim Gardner
May 14-15 - NMAVS - Sang Han
June 3-7 - Teacher's Workshop on Nuclear Technology – Bob Busch
June 30-July 2 - Bio-Fuel Cells Workshop – Plamen Atanasoc
July 9-11 - Double Contingency & Crit Safety Eval Workshop – Bob Busch
July 15-19 - Nuclear Criticality Safety Short Course – Bob Busch
July 23-25 - Nuclear Criticality Safety Manager's Workshop – Bob Busch
September 10-13 - BNFL/UNM Nuclear Criticality Safety Manager's Workshop – Bob Busch

2001/2002 Graduate Seminar Series			
Date	**Title**	**Presenter**	**Institution**
8/28/01	New Materials and Devices for Thermoelectric Applications	Dr. Thierry Caillat	Jet Propulsion Laboratory/California Institute of Technology
9/4/01	ChNE Faculty Research Presentations	Dr. Sang M. Han Assistant Professor Dr. Ebtisam S. Wilkins Professor	The University of New Mexico
9/18/01	Hydrocarbon Fuel Processing for Fuel Cells in Transportation	Dr. Lee Perry	Los Alamos National Laboratory

10/5/01		Andrew B. Facciano	Raytheon Missile Systems Company
10/16/01	Thermal Energy Recovery Using Advanced Thermoelectric Systems in Future Vehicle Systems	Dr. Terry Hendricks	National Renewable Energy Laboratory
10/23/01	Near-Term Space Fission Reactors	Dr. David Poston	Los Alamos National Laboratory
10/30/01	Novel Inorganic Molecular Sieves for Separations and Catalysis a	Dr. Tina Nenoff	Sandia National Laboratories
11/20/01	Direct Methanol Fuel Cell	Piotr Zelenay	Los Alamos National Laboratory
2/5/02	Department Safety	Gail Keiser & John Archuleta Safety, Health & Environmental Affairs	University of New Mexico
2/12/02	Heterogeneous catalysis for space propulsion applications. Past, present, and future	Professeur Charles Kappenstein	Université de Poitiers - Faculté des Sciences LACCO - Laboratoire de Catalyse en Chimie Organique
2/19/02	Polyphosphazene-Based Membranes for Direct Methanol Fuel Cells	Chair Candidate Seminar Professor Peter N. Pintauro	Tulane University
2/28/02	Vapor Phase Synthesis of Compound Semiconductor Nanostructures	Chair Candidate Seminar Professor Triantafillos J. Mountziaris	SUNY at Buffalo Department of Chemical Engineering
3/5/02	Nanoengineering of heterogeneous catalysts	Chair Candidate Seminar Professor Abhaya K. Datye	University of New Mexico Department of Chemical & Nuclear Engineering
3/7/02	Multi-technique, Multivariate, Multi-collaborator Research: New Opportunities for Characterization of Complex Materials	Chair Candidate Seminar Professor Julia E. Fulghum	Kent State University Department of Chemistry
3/19/02	Colloidal Aspects of Sludge Retrieval at the Hanford Nuclear Site	Chair Candidate Seminar Professor Richard L. Zollars	Washington State University Department of Chemical Engineering
3/26/02	Power Source Research at	Professor Branko	Department of Chemical

	University of South Carolina	Popov	Engineering University of South Carolina
4/16/02	Neutron Scattering Studies in Heterogeneous Catalysis	Dr. Juergen Eckert	Materials Research Laboratory University of California
4/23/02	Functional Microstructures and Devices via Controlled Nanoparticle Assembly	Professor Orlin Velev	Department of Chemical Engineering North Carolina State University
4/30/02	Physics of a Dynamic Hohlraum X-Ray Source for ICF Applications	T. W. L. Sanford	Sandia National Laboratories Albuquerque, New Mexico
5/3/02	Fundamental aspects of nucleation theory in the formation of protein condensed phases	Professor Peter Vekilov	Department of Chemical Engineering University of Houston

9. Staff Appointments, Awards, and Resignations

Mary Bragg, Administrative Coordinator, ISNPS
Cheryl Brozena, (B.A., 1972, Fontbonne College), Graphic Designer
Ken Carpenter, Sr. Electronics Technician
Don Cooper, Mgr. Facilities Services
Estelle Estrada, Administrative Coordinator, CMEM
Angelica Giesa, (B.B.A., 1999, Eastern New Mexico University), Accountant I
Rosa Gonzalez, (B.B.A., 1999, University of New Mexico), Accountant II
Linnea K. Ista, (M.S., 1994, University of Missouri, Columbia), Research Scientist II
Mercy Salazar, Administrative Assistant II
Barbara West, (B.B.A., 1987, University of New Mexico), Department Administrator II

Appointments:

Vijaykumar Arumugaswamy, (Ph.D., 1999, Lund University, Sweden), Post Doctorate, ChE
Sreelatha Balamurugan, (Ph.D., 1995, University of Kerala, India), Post Doctorate, ChE
Ian Cooper, Lab Technician
Hien Pham, (Ph.D., 2001, University of New Mexico), Post Doctorate, ChE
Reyna Sandoval, (MA, 2001, University of New Mexico) Student Recruiter
Luis Soto, (PhD., 1984, University of California), Post Doctorate, NE
Dianna Ortiz, (BA, 1996, University of New Mexico), Coordinator, Program Advisement

Awards:

Rosa Gonzalez, Outstanding Administrative/Professional Staff Award

Retirements:
Richard Montgomery, (B.U.S., 1999, University of New Mexico) Supervisor, Engineering Lab

Resignations:
Karen Hayes, Administrative Assistant II
Yolanda Sanchez, Administrative Assistant III, ISNPS
Reyna Sandoval, (2001, MA, University of New Mexico) Student Recruiter

10. Student Awards and Scholarships

School of Engineering Scholarships

Scholarship Name	Student	Amount
T.T. Castonguay	Kyle Solis	1000
T.T. Castonguay	Roya Cone	1000
T.T. Castonguay	Rebecca Connell	1000
Sam Phillips	Chessa Scullin	500
Sam Phillips	Phoungloan Libby	500
Sam Phillips	Kyle Fenton	500
Harry and Mabel F. Leonard Fund	Roberto Gomez	500
Harry and Mabel F. Leonard Fund	Tim Olson	500
Chemical Development	Christina Novick	500
Randy Wilt Memorial	Steve Hatton	388
Randy Wilt Memorial	Dan Torres	388
Total		**6776**

Department Scholarships

Scholarship Name	Student	Amount
Universal Oil	Virginia Vigil	500
Universal Oil	Angela Zivkovich	500
Universal Oil	Louis Tribby	500
Phillips Petroleum	Jennifer Dobbs	500
Phillips Petroleum	Tom Gamble	250
Phillips Petroleum	Rhett Zyla	250
Phillips Petroleum	Dan Torres	112
Phillips Petroleum	Steve Hatton	112
Totals		**2724**

Awards: Spring 2002

General

Outstanding Junior/SOE award	Angela Zivkovich
Outstanding Senior/SOE award	Thomas Gamble
Outstanding Graduate/SOE award	Dhaval Doshi
Outstanding Junior in ChNE	Phuongloan Libby
Outstanding Senior in Nuclear Engineering	Veronica Klein
Outstanding Senior in Chemical Engineering	Brian Mather
Excellence in Undergraduate Research	Edward Zhmayev
Excellence in Undergraduate Research	Sacha De'Angeli
Excellence in Undergraduate Research	Daniel Torres
Excellence in Undergraduate Research and Outstanding Service to Department	Brett Andrzejewski

11. Amount of New Awards & Research Expenditures (1997-2002)

	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002
Total Expenditures-CHNE	2,590,736	2,080,604	1,856,816	1,432,085	1,412,789
Total Expenditures-CMEM	1,550,772	1,444,024	2,732,882	1,732855	2,269,212
Total Expenditures-ISNPS	n/a	n/a	n/a	n/a	440,819
Total Awards-CHNE	2,478,001	1,881,260	1,800,749	1,368,223	1,733,897
Total Awards-CMEM	2,256,761	2,286,863	2,113,060	1,992,635	1,300,934
Total Awards-ISNPS	n/a	n/a	n/a	n/a	1,445,732

CHNE Funded Contracts: FY 2001-2002

PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
Anderson	Sematech	Plasma Diagnostic Support for Sematech Tool Development	10/9/01	8/31/2002	10,000
Anderson	DOE-Univ. of Maryland	Fundamental Surface Reaction Mechanisms in Fluorocarbon Plasma-Based Processing	2/26/02	8/14/2003	29,900
Atanassov	SURP	New Generation Electrocatalysis for Proton Exchange Membrane Fuel Cell	10/31/01	9/27/2002	35,000
Atanassov	SURP	New Generation Electrocatalysis for Proton Exchange Membrane Fuel Cell	10/31/01	9/27/2002	(7,085)
Atanassov	ARO	ARO Workshop on Bio-Fuel Cells	5/13/02	5/5/2003	35,000
Atanassov	ONR	Biomimetic Electrocatalysts for Fuel Cells	12/10/01	7/31/2004	349,998

Brinker	University of Virginia	The Development of an Environmentally Comliant, Multi-Functional Coating for Aerospace and Military	5/8/02	11/30/2002	110,000
Brinker	University of Virginia	The Development of an Environmentally Comliant, Multi-Functional Coating for Aerospace and Military	7/16/01	11/30/2001	52,194
Busch	WERC	Education & Training Program	3/6/02	6/30/2003	12,905
Cecchi	DOE-Univ. of Maryland	Fundamental Surface Reaction Mechanisms in Fluorocarbon Plasma-Based Processing	2/26/02	8/14/2003	29,900
Cecchi/Curro	Sandia	Molecular Dynamics Simulations on Various Polymer Liquids	3/7/02	9/15/2002	25,000
Cecchi/ Loehman	Sandia	Support for Advanced Materials Lab	3/19/02	1/31/2003	69,677
Cooper	Sandia	Neutron, Ion, and High-Energy Photon Diagnostic for Z	2/28/02	3/1/2003	350,275
Han	NSF	In Situ Monitoring of Surface Phenomena During Silicon Germanium Deposition and Etchning	2/12/02	4/30/2003	85,000
Han	SURP	In Situ Real Time Monitoring of Self-Assembled Monolayer Formation and Degradation on Semiconductor	10/31/01	9/27/2002	35,000
Loehman	Sandia	Support Sandia activities at AML	3/19/02	3/18/2003	10,000
Loehman	NASA	Characterization and Analysis of Ultrahigh Temperature Ceramics	8/28/01	7/31/2003	30,000
Lopez	Sandia	Switchable Hydrophobic/Hydrophillic Surfaces	2/4/02	9/30/2002	30,000
Lopez	ONR	Smart Coatings for Prevention and Release of Marine Biofouling	3/14/02	12/30/2004	130,000
Mead	WERC	ITV	8/15/01	2/19/2002	(29,200)
Mead	WERC	WERC Administration	8/15/01	2/19/2002	29,200
Prinja	DOE	Analytical and Numerical Solutions of Generalized Fokker-Planck Equations	12/10/01	12/31/2000	(1,755)
Prinja	LANL	Stochastic Radiation Transport	7/17/01	5/31/2004	33,174
Prinja	DOE/NEER	Computationally Efficient Transport Models for Charged Particle Pencil Beams	5/28/02	5/31/2003	97,198

Prinja	NASA	Advanced Particle Radiation Transport Methods	2/19/02	3/2/2003	69,948
Roderick	Phillips Lab	IPA	11/2/01	9/30/2002	42,568
Roderick	Sandia	Z-Pinch and Exploding Wire Physics	8/23/01	7/31/2003	10,000
Wilkins	WERC	An Advanced Approach to Rapid Campylobacter Jejuni and Listeria Monocytogenes Testing in Waste	1/14/02	8/5/2002	60,000

CMEM Funded Contracts: FY 2001-2002

PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
Atanasov	Army Research Office	DEPSCoR - Non-Platinum Electrocatalysts for Fuel Cells	5/1/2002	4/30/2005	260000
Brinker	AFOSR	Self-Assembly of Functional Nanostructures	1/15/2001	11/14/2002	250000
Brinker / Lopez	Xtrana, Inc.	Nanopourous Nucleic Acid Binding & Amplification Matrices	10/1/2001	9/30/2002	79980
Brinke	Sage Electrochromics, Inc.	Characterization of Electrochromic Materials	12/1/2001	5/31/2003	30000
Datye	MesoFuel, Inc.	CCMC Membership	5/31/2002	5/30/2003	10000
Datye	Thermagon, Inc.	CMEM Membership	7/23/1999	7/22/2003	10000
Datye	Translight, LLC	Advanced Lightguides for Daylight and Electric Light Distribution	2/1/1999	12/31/2002	60000
Datye	Translight, LLC	Advanced Lightguides for Daylight and Electric Light Distribution	2/1/1999	12/31/2002	27500
Datye	Translight, LLC	Advanced Lightguides for Daylight and Electric Light Distribution	2/1/1999	12/31/2002	10951
Datye	Bergquist	CCMC Membership	12/15/1999	8/14/2001	-11667
Datye	Thor	CCMC Associate Membership	12/22/1999	12/21/2002	5000
Datye	Gratings, Inc.	Associate Membership	5/8/2000	12/21/2002	5000
Datye	NSF	REU Site in Microengineered Materials	3/15/2001	2/28/2003	28000
Datye	NSF	REU Site in Microengineered Materials	3/15/2001	2/28/2003	113000

Datye	Integrated Sciences, Inc.	CCMC Membership	12/28/2000	6/25/2002	10000
Datye	Integrated Sciences, Inc.	CCMC Membership	12/28/2000	6/25/2002	-5068
Datye	Harper International	CCMC Membership	2/1/2001	10/11/2002	10000
Datye	LANL	CCMC Membership	8/1/2001	7/31/2002	35000
Datye	Motorola	CMEC Membership	9/15/1995	9/14/2002	35000
Datye	Advanced Ceramics	CMEC Membership	2/21/1998	2/20/2003	10000
Datye	Air Products	CCMC Membership	10/1/1991	9/30/2002	35000
Datye	Texas Instruments	CMEC Membership	5/1/1990	1/30/2002	-8750
Datye	Ferro	CMEM Membership	12/3/1997	12/2/2002	35000
Datye	Hazen Research Inc.	CMEM Membership	9/1/1998	8/31/2003	10000
Datye	Holl Technologies	CMEM Membership	1/25/1999	1/24/2003	10000
Datye	SNL	Self-Assembled Composite Materials	3/25/1999	12/31/2002	18000
Datye	SNL	Self-Assembled Composite Materials	3/25/1999	12/31/2002	24000
Datye, Abhaya K.	SNL	Self-Assembled Composite Materials	3/25/1999	12/31/2002	20000
Kroenke	LANL	SAXS Analysis	5/9/2002	5/10/2003	10000
Malanoski	SNL	Modeling of Interdacial Phenomena	7/2/2001	4/30/2003	100000
Loehman	NASA	AMES Advanced Thermal Protection Materials based on Ultra High Temperature Ceramics	4/15/02	4/13/03	34988
Yang	MID Dakota Corp.	Smart Coating/Sensor Blankets for Health Monitoring	5/1/2002	4/30/2003	40000

ISNPS Funded Contracts: FY 2001-2002

PI Name	Sponsor Name	Project Title	Start Date	End date	Amount
El-Genk	The Jet Propulsion Laboratory	Thermal and Mechanical Stress Analyses of skutterudite/Bi2Te3-Based Alloys Segmented Unicouples	7/1/02	6/30/03	80000

El-Genk	NASA Cross Enterprise Program, Glenn Research Center	High Efficiency Thermoelectric Radioisotope Power Systems	1/01/02	12/31/02	408273
El-Genk	U.S. Department of Energy, NERI program	Novel, Integrated Reactor Power Conversion System	9/99	1/03	479232
El-Genk	Bettis Atomic Laboratory	Design, modeling and Analysis of Bettis AMTEC cell	10/01/01	9/31/03	408273
El-Genk	New Mexico State University	Segmented Thermoelectric with Radioisotope Power Source	1/1/02	2/28/04	14954
El-Genk	New Mexico State University	New Mexico Space Grant Consortium NASA Training Grant	2/1/01	1/31/05	55000

12. Patents Awarded

Brinker, C. Jeffrey; Lu Yunfeng; Fan, Hongyou
Method for Making Surfacant-Templated Thin Films
U. S. Patent No. 6,387,453 issued May 14, 2002

Brinker, C. Jeffrey; Lu Yunfeng; Fan, Hongyou
Method for Making Surfacant-Templated, High-Porosity Thin Films
U.S. Patent No. 6,270,846 issued August 7, 2001

Brinker, C. Jeffrey; Sellinger, Alan; Lu, Yunfeng
Self-Assembly of Nanocomposite Materials
U. S. Patent No. 6,267,741 issued July 24, 2001

Brinker, C. Jeffrey; Ashley, Carol S.; Reed, Scott T.; Sriram, Chunangad S.; Harris, Thomas M.
Method for Producing a Net-Shaped Aerogel
U.S. Patent No. 6,258,305 issued July 10, 2001

13. Monetary Donations and Gifts: 2001-2002

Date	Donor Name	Amount
10/11/01	Los Alamos National Laboratories	16,554
3/29/02	CETAC Technologies	3,000

4/10/02	Stephen A. Matthews	12,000
Total Contributions (amount includes equipment, furniture, & supply donations)		**$ 31,554**

Alliance for Transportation Research
Annual Report
July 1, 2001 to June 30, 2002
By Judith M. Espinosa, Director

Mission Statement

The work of the Alliance for Transportation Research Institute (ATRI) has a single goal: creating realistic, workable solutions in transportation that address current needs while anticipating future demand. The ATRI develops strategies with a constant eye to practicality. Its work ranges from applied to conceptual knowledge developed for a very real world.

Transportation research has come to a crossroads. Researchers face the challenge of raising the efficiency of transportation systems while making them more responsive to human and environmental needs. The ATRI is responding to this challenge through an interdisciplinary approach. Its experts unify the work in their separate disciplines by focusing on a single principle: transportation systems must meet the needs of society as a whole.

Interdisciplinary Features of the ATR Institute

The ATRI's interdisciplinary team unites three core competencies that emphasize the human element of transportation systems: informatics, infrastructure, and public policy.

Informatics is a human-centered, knowledge-driven competency that brings valuable new dimensions to research. By combining information science, social science, and systems science, informatics enables researchers to study the inter-relationship of people and technology.

Infrastructure research studies the performance and economics of materials used in constructing and maintaining facilities. It also studies construction-related factors, like geotechnical design and foundation performance. However, the ATRI takes infrastructure studies further by considering problems beyond the perspective of traditional engineering. Issues of construction and materials are weighed against a variety of factors including users' needs, environmental policy, anticipated demands, government interactions, and funding.

Public policy research addresses the relationships between government, the private marketplace, and the people served by transportation. For the past 40 years, public and private investment in transportation has profoundly shaped our society. Today, the nation is starting to consider policies that will use transportation to build a more prosperous, more livable country.

ATR Institute's Involvement of Graduate and Undergraduate Students in Education and Research

The academic abilities of UNM students and their contributions to transportation research are highly valued by the ATRI. Students are actively engaged in, and challenged by, the day-to-day activities of research programs. The Institute recognizes the quality of work that they provide and new applications in research programs that have stemmed from the interaction of students and staff.

After it became a research institute of the School of Engineering, the ATRI formally initiated its successful Graduate Student Intern Program in 1997. This Program harnesses the talents of bright, progressive students who augment research capabilities while enhancing their own interdisciplinary education. Since that time, this program has supported fifteen graduate students and two doctoral students. The Graduate Student Intern Program has employed students from the:

- School of Engineering: Civil Engineering and Computer Science;
- Anderson Schools of Management: School of Public Administration, Water Administration; and;
- College of Arts and Sciences: Political Science, Geography, American Studies, Mathematics, Community and Regional Planning, Latin American Studies, and Communications and Journalism Department.

The ATRI works with the graduate students' faculty advisors and department chairs to provide the most constructive program that may serve to meet the students' academic needs. Several students have used ATRI research work for independent study curricula and thesis or dissertation study.

During fiscal year 2002, nine undergraduate students worked on ATRI research projects whose majors include Biology, Geography, Civil Engineering, Computer Engineering, Psychology, Intercultural Communications, Sociology, and Mathematics.

The ATR Institute in the Community

The ATRI works with non-profit and community based organization in New Mexico to address transportation including public transportation and US/Mexico border transportation issues.

Initiatives include:

- Context Sensitive Design Project on Isleta Boulevard with the Community Advisory Committee South Valley Bernalillo County
- Transit Oriented Design Project with the Great American Station Foundation (New Mexico) and the Center for Neighborhood Technology (Chicago)

- Good Neighbor Environmental Board (A Presidential and Congressional Advisory Committee)
- Financial Tracking and Client Scheduling System for Rural Transit Agencies
- New Mexico Passenger Transportation Association: Public Transportation Support in Rural New Mexico
- Navajo Nation/ATR Institute Letter of Intent to Collaborate on Joint Research Projects
- Border Region Information on Transportation and Environment (BRITE)
- Transportation "Toolkit" for Welfare to Work
- New Mexico Tribal/State Transportation Summit
- Transportation Study with the New Mexico Developmental Disabilities Planning Council

Staff Appointments/Separations

During FY 2002, there were five staff separations and no staff appointments. One Administrative Assistant I resigned from her ATRI position. The funding for two other positions expired. They were an Administrative Assistant II and the Manager of Information Systems. Two other staff laterally transferred to the Civil Engineering Department (Senior Research Engineer II and Supervisor of Teaching Labs).

Fiscal Year 2002 Funding Sources for ATR Institute's Operation

In Fiscal Year 2002, the ATRI remained in a strong financial position by building on successfully completed research projects and maintaining a healthy combination of multi-year cooperative agreements and short-term contracts. On the other hand, the ATRI laid off staff for the first time as the NMSHTD—Research Bureau reduced its funding due to the Department's problematic financial position. In FY2002, a new two-year cooperative agreement was signed with the Federal Transit Administration. As of June 30, 2002, the ATRI managed 38 accounts, which includes contracts, grants, and cooperative agreements. There were 14 professional and administrative staff as well as 10 undergraduate and graduate students.

The ATRI's major clients are from the federal, state and local governments as well as a variety of other sources including national laboratories, private industry, and foundations. These sources are as follows:

- Federal Government: the U. S. Department of Transportation (Federal Highway Administration and Federal Transit Agency), U. S. Department of Energy;
- State and Local Government: NMSHTD Research Bureau, NMSHTD Public Transportation Programs Bureau, NMSHTD Materials Laboratory, New Mexico Human Services Department, New Mexico Department of Public Safety, New Mexico Developmental

Disabilities Planning Council, New Mexico Office of Cultural Affairs, and City of Santa Fe; and

- Other Sources: Community Transportation Association of America, Great American Station Foundation, Sandia National Laboratories, and the Rio Grande Portland Cement Corporation.

In addition, the ATRI entered into agreements with other UNM Departments for work relating to its contracts. Agreements totaling $83,957 were made with the Civil Engineering Department.

A five-year breakdown of the ATRI's financial support for the period of 1998 to 2002 is provided below and is followed by a summary of contracts awarded in fiscal year 2002.

Summary of ATR Institute Contracts and Expenses
Fiscal Year 1998 to 2002

Fiscal Year	Research Contract Awards	Research Expended Annually
2002	$2,108,581	$1,323,034**
2001	$1,009,583	$1,925,509**
2000	$1,485,075	$2,355,743**
1999	$3,514,766*	$1,969,698
1998	$1,560,694	$1,134,388
1998-2002	$9,678,699	$8,708,372

*This amount includes the multi-year cooperative agreement with the U. S. Department of Transportation for $1.25 M.

**These expenditures include those on multi-year cooperative agreements from the U. S. Department of Transportation and U. S. Department of Energy.

ATR Institute Fiscal Year 2002 Contract Awards
July 1, 2001 – June 30, 2002

Account Number	Project Title	PI Name	Sponsor Name	Award Date	FY 2002 Award	Total Award	Start Date	End Date
3-11231	Transportation Resource Exchange Project	Espinosa, Judith M.	Department of Energy	01/16/2002 05/14/2002 12/07/2002	$60,000 $100,000 $40,000	$1,192,316	03/01/1998	12/31/2002
3-13421	Welfare to Work Assessment Project	Espinosa, Judith M.	NM State Highway and Transportation Department–Public Transportation Programs Bureau	04/24/2002	$241,323	$552,305	02/08/1999	02/07/2003
3-14231	Rural Transit Assistance Program (RTAP)	Espinosa, Judith M.	NM State Highway and Transportation Department–Public Transportation Programs Bureau	09/21/2001	$89,000	$280,939	05/24/1999	05/31/2003
3-14371	(WTW IFF)	Espinosa, Judith M.	NM State Highway and Transportation Department–Public Transportation Programs Bureau	04/24/2002	$150,746	$319,621	05/15/1999	05/31/2003
3-17191	JARC Access to Jobs	Espinosa, Judith M.	NM State Highway and Transportation Department–Public Transportation Programs Bureau	04/24/2002	$570,179	655,964	06/19/2000	06/30/2004
3-17442	NMSHTD Transportation Research Partnership	Espinosa, Judith M.	NM Highway and Transportation Department–Research Bureau	11/14/2001	($3,026)	$183,900	07/10/2000	6/30/2004
3-17444	Assistive Technology	Espinosa, Judith M.	NM Highway and Transportation Department–Research Bureau	08/20/2001 11/14/2001	$97,510 ($5,347)	$147,075	07/10/2000	06/30/2004
3-17445	Native American Transportation	Espinosa, Judith M.	NM Highway and Transportation Department–Research Bureau	11/14/2001	($6,616)	$61,325	07/10/2000	06/30/2004
3-17446	NMSHTD Library/Information Transfer	Espinosa, Judith M.	NM Highway and Transportation Department–Research Bureau	08/20/2001 11/14/2001	$116,468 ($4,008)	$225,500	07/10/2000	06/30/2004
3-17448	Road LIFE (NM44) Community Interview Project	Espinosa, Judith M.	NM Highway and Transportation Department–Research Bureau	11/14/2001	$18,997	$54,446	10/01/2000	06/30/2002

Account Number	Project Title	PI Name	Sponsor Name	Award Date	FY 2002 Award	Total Award	Start Date	End Date
3-17781	Local Technical Assistance Program (LTAP)	Espinosa, Judith M.	NM Highway and Transportation Department–Research Bureau	09/19/2001	$18,000	$36,500	08/25/2000	09/30/2002
3-20121	Developmental Disabilities Transportation Study	Espinosa, Judith M.	NM Developmental Disabilities Planning Council	04/23/2002 07/25/2001	$50,000 $50,000	$100,000	07/01/2001	07/01/2003
3-22331	Four Corners Tribal Institute	Espinosa, Judith M.	NM Highway and Transportation Department–Planning Department	04/23/2002	$21,600	$21,600	04/23/2002	07/31/2003
3-39751	Project "VAMOS"	Espinosa, Judith M.	Community Transportation Association of America	08/17/2001	$50,000	$50,000	08/22/2001	12/31/2002
3-40371	Rural Intelligent Transportation Systems (ITS)	Espinosa, Judith M.	Federal Transit Administration	01/22/2002	$300,000	$300,000	12/18/2001	10/30/2003
3-20381	Evaluation of Ground Blast Furnace Slag for ASR	Lenke, Lary	Rio Grande Portland Cement Corporation	08/15/2001	$23,219	$23,219	08/15/2001	12/14/2001
3-12563	Non-Nuclear Testing Devices for Quality Control	McKeen, R. Gordon	NM Highway and Transportation Department–Research Bureau	08/15/2001	$45,059	$45,059	07/23/2001	12/31/2001
3-12564	Whitetopping Airport Runways	McKeen R. Gordon	NM Highway and Transportation Department–Research Bureau	08/15/2001	$54,941	$54,941	07/23/2001	07/22/2002
3-12565	Research Announcements Project	McKeen, R. Gordon	NM Highway and Transportation Department–Research Bureau	08/15/2001	$12,436	$12,436	07/23/2001	12/31/2001
3-16351	Lab Bureau Support	McKeen, R. Gordon	NM Highway and Transportation Department–Materials Lab	07/25/2001	$15,000	$25,000	01/20/2000	12/31/2003
3-21151	Cultural Affiars – Engineering Assessments	McKeen, R. Gordon	NM Cultural Affairs Office	12/17/2001	$3,100	$3,100	09/25/2001	06/30/2003
				TOTAL	**$2,108,581**	**$4,345,246**		

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ATR Institute Fiscal Year 2002 Projects and Professional Services

The ATRI conducted a wide range of transportation projects during FY 2002. This section categorizes these projects into three major areas that are described in detail below:

- Significant Programs and Projects (includes professional services agreements);
- Centers and Special Programs (includes five areas); and
- New Agreements for Fiscal Year 2003

Significant Programs and Projects

Evaluation of Ground Granulated Blast Furnace Slag for Mitigation of Alkali-Silica Reactivity of New Mexico Aggregates Used in Portland Cement Concrete

Alkali-Silica Reactivity is a major concern in the production of portland cement concrete (PCC) in the state. Reactive silicates in mineral aggregates, coupled with the alkalis in portland cement, can cause premature degradation and failure of PCC. This concern is acute in the middle Rio Grande Valley where young volcanic aggregate deposits are known to be extremely reactive. Under an Industrial Sponsored Research Agreement with the Rio Grande Portland Cement Corporation, the ATRI conducted experimental verification of NMSHTD specifications for PCC requirements. The project was completed in December 2001.

Evaluation of a Mechanical Stiffness Gauge for Compaction Control of Granular Media

This project involved the evaluation of a testing device capable of non-destructively measuring soil stiffness of construction materials, specifically soil subgrade, base, and subbase materials. The device, known as the GeoGauge, is capable of measuring the stiffness of construction materials ranging from soil to base course to asphalt and cementitious bound materials. The use of nuclear methods for compaction control is increasingly problematic because of regulatory and safety issues. Hence, agencies such as the New Mexico State Highway and Transportation Department are interested in non-nuclear alternatives for compaction control. The evaluation of the commercially available device known as the GeoGauge was intended as a first step toward eventual replacement of such nuclear devices.

The GeoGauge measures soil stiffness, arguably, a much more viable engineering parameter than the moisture-density relations currently used. The GeoGauge was found to measure soil stiffness as advertised based on laboratory and field evaluation. Results relating moisture, density, and stiffness were found to be consistent with earlier research on compaction and mechanical strength of soils. However, because of the dynamic nature of the measurement obtained via the GeoGauge and associated boundary constraints, the ability to obtain a target value for stiffness in the laboratory has proved to be elusive. Because of the promising nature of the GeoGauge technology, and because it measures a true engineering mechanical property, a paradigm shift may be necessary for implementation for field compaction control. Future specifications for compaction using this technology may require specific controls of moisture and requirements concerning compaction equipment with stiffness monitoring, via the GeoGauge. This device

shows promise, but there is a need for developing procedures and methods for implementation for routine specifications used for construction.

Non-Nuclear Testing Devices for Quality Control

This project involves evaluation of devices for non-destructive testing and comprises two sub-objectives: (1) devices capable of non-destructively measuring density of construction materials, specifically asphalt concrete and soil/base materials; and (2) devices for use in accelerating archaeological surveys of highway right-of-way in preparation for construction. Two devices are under field evaluation. They are the Pavement Quality Indicator (PQI) which is designed for the evaluation of asphalt concrete density and the GeoGauge which is designed measuring the stiffness of construction materials ranging from soil to base course to asphalt bound materials. Both devices show promising capabilities but there is a need for developing the test procedures and methods for implementing these devices into the routine specifications used for construction. These methods are presently under development through field testing of the devices.

Whitetopping Airport Runways

Whitetopping is a pavement rehabilitation construction practice where Portland cement concrete (PCC) is placed over an existing asphalt concrete (AC) pavement as an overlay. Ultra-thin whitetopping (UTW) is generally a thin PCC overlay with a thickness between 2 and 4 inches. UTW concrete is usually of high strength and made with fibers for improved tensile strength, ductility, and enhanced fatigue life. In addition to the thinness, UTW differs from conventional whitetopping because of the design and construction procedures that ensure substantial bonding between the UTW and the underlying asphalt. UTW also employs much closer joint spacing than conventional whitetopping; this closer spacing reduces the load-induced stresses within the UTW concrete overlay. UTW does not make use of any type of steel reinforcement as with some types of conventional whitetopping.

A literature and technology review by the ATRI found that ultra-thin whitetopping is a proven means of asphalt pavement rehabilitation and improved serviceability. The ATRI has recommended that the NMSHTD design and construct UTW test sections at an appropriate selected airport in the state of New Mexico.

Pavement Performance Evaluation for Road LIFE Project

The Materials Research Center is conducting the evaluation of pavement construction and performance on the NM 44 project. The pavement carries a warranty provided to the state by the contract for design and construction management. The pavement construction is being documented in an extensive database for future use in evaluating performance. The warranty requires annual evaluations to obtain data on specific characteristics to assess performance against warranty requirements. The project also includes three weigh-in-motion installations to monitor traffic loading during the project. This project involves compiling these data into a database for future performance evaluations over the life of the roadway.

An ATRI staff member serves as the leader of the Pavement Analysis Team and two other ATRI staff are members of the team. Through the ATRI, faculty from the Anderson Schools of Management are performing the economic data and analysis for the team. ATRI staff have written the Pavement Analysis section of the Road Lifecycle Innovative Financing Evaluation, Year 2000 and 2001 Annual Reports.

Road Lifecycle Innovative Financing Evaluation (Road LIFE) – Community Advisory Group

Established in 1999, the purpose of Road LIFE is to provide an independent and technically rigorous evaluation of the return on investment resulting from the innovative approach used in the design, construction, and maintenance of the US 550 (formally NM 44) highway project. The 118-mile corridor construction was substantially complete in November 2001. US 550 is important to the communities and tribal nations along the corridor and to the State of New Mexico because of its vital connection to transportation in the northwestern quadrant of the state and its innovative practices.

The Community Advisory process involves communities and Native American nations along the US 550 corridor. The research objectives for 2002 were to "listen to the customer," to maintain close relations with communities and travelers along NM 44/US 550, and to assure that Road LIFE technical and economic analyses do not overlook issues deemed important by local communities and tribal nations.

This project demonstrated that communities and tribal nations have a vested interest and inherent knowledge of transportation needs within their boundaries. Comments from community residents have shifted from the corridor construction project to additional highway projects to improve the performance of US 550 as part of the local network of highways.

Developmental Disabilities Project

An Memorandum of Understanding between the ATRI and the New Mexico Developmental Disabilities Planning Council (a state planning agency) was undertaken to increase the independence, productivity, integration, and inclusion of persons with developmental disabilities in New Mexico. The Statement of Work includes:

- Provide Geographic Information Systems (GIS) mapping to illustrate facilities and services, and plot current developmentally disabled population demographics.
- Identify barriers (real and perceived) to transportation for persons with developmental disabilities in New Mexico.
- Identify and evaluate national best practice transportation solutions and models.
- Make recommendations to the Council for next steps in addressing transportation needs of persons with developmental disabilities in New Mexico.
- Conduct a satisfaction survey with the Council's agency partners.

Project Vamos: JobLinks for New Mexico

Under an agreement with the Community Transportation Association of America (CTAA) and a grant from the U. S. Department of Labor, the ATRI has been addressing information gaps in transportation for under-served populations in Doña Ana County and working with small employers to establish a Commuter Choice Program in the area. The ATRI produced information products to fill in the gaps and publicize their creation in English and Spanish language news releases. GIS mapping of pertinent data has been made in the project area. Armed with this data, transportation providers will be better able to increase ridership and lower the cost per trip of rides, efforts that can improve the success rate of area transit systems over the long term.

Rural Intelligent Transportation Systems in New Mexico

Under a cooperative agreement with the Federal Transit Administration Rural ITS Program, the ATRI has expanded its efforts with the NMSHTD, Public Transportation Programs Bureau (PTPB) in designing a "Client Referral, Ridership and Financial Tracking" (CRRAFT) Web-based software system and reviewing proposals for a "Multipurpose Electronic Fare-Card System for Rural Transit." The purpose of the cooperative agreement is to:

- Improve the quality of transit service.
- Facilitate rider transfers across systems.
- Improve system accountability through accurate invoicing of rides to the appropriate funding agency.
- Make fare collection and trip data uniform and transferable across all systems.
- Decrease staff time and costs devoted to administrative and reporting tasks.

Client Referral, Ridership and Financial Tracking Web-Based Software System

In the past decade a growing number of federal and state human service programs have identified transportation as an allowable, and often necessary, support service for clients. One method that human services agencies are using to improve clients' transportation options is to fund local transit operators to expand current service areas and hours or to start up new service. While the additional funding allows transit operators to expand services, operators must not only track each revenue stream and the clients served, but also report costs, number of trips provided, and number of clients served according to the funding agency's criteria.

The ATRI, under contract with the NMSHTD PTPB, has developed a Web-based software program, the Client Referral, Ridership, and Financial Tracking (CRRAFT) system. CRRAFT is designed to integrate human service transportation referral with daily rural public transit operations. For human service agencies, CRRAFT standardizes client transportation referral and may reduce abuse of transportation assistance. For the transit operators, CRRAFT simplifies ridership reporting and invoicing. In New Mexico, the following human service agencies will be referring clients for transportation through CRRAFT: selected developmental disability service

providers; the Welfare-to-Work Program of the New Mexico Department of Labor; and the Temporary Assistance For Needy Families and Food Stamps Programs of the New Mexico Human Services Department. The cooperating rural transit operators also receive funding from the Federal Transit Administration Sections 5311, 5310, and/or 3037 programs.

For human services passengers, CRRAFT is designed to work with the State Electronic Benefits Transfer (EBT) Card. The EBT Card is a high coercivity magnetic stripe card containing a unique 16-digit number correlated to the client's social security number. When boarding a transit vehicle, the client will swipe the card through a magnetic stripe reader. At the end of each shift, the transit driver will download all transactions stored in the reader onto a driver's smart card. Information on the smart card will be transferred to the transit operator's main computer. Trip data will then be sent to CRRAFT and each client's total number of authorized trips remaining will be updated.

Passengers taking non-sponsored trips will use a magnetic stripe paper card purchased through the local transit operator. These cards will be disposable and may contain either the number of allowable trips (for example, 2, 10, or 30) or be valid on fixed routes for unlimited trips during a specified time period (for example, a month).

CRRAFT will generate financial and client tracking reports for each agency that sponsors clients. It will also generate Federal Transit Administration Sections 5311, 5310, and 3037 reports. Sponsoring agencies will have the capability to monitor their clients' transportation usage.

Involving Traditionally Under-Served Communities in Transportation Policy and Programs

An RFP was awarded January 1, 2002, to the Community Outreach Program for the Deaf (COPD) in Albuquerque. The ATRI, in conjunction with COPD, focused initially on planning transportation outreach events as well as working on two surveys, which would be conducted at these events. The first survey (the short survey) was aimed at finding out what general issues persons in the deaf and hard of hearing community have with transportation in the areas in which they live. The second survey (the long survey) was designed to seek input from the deaf and hard of hearing in conjunction with the Integrated Transportation Design project in the Tijeras Canyon area where there is proposed construction on a stretch on Interstate 40.

The COPD and the ATRI developed some interesting and unique strategies to approach outreach that were quite successful. Surveys were translated into American Sign Language (ASL) to ensure they were accessible to as wide an audience as possible. An actor was hired to interpret the surveys onto videotape using ASL. The videotapes were made with generous assistance from the New Mexico School for the Deaf. The videotapes were used at large gatherings of the deaf and hard of hearing communities.

The COPD and the ATRI were very successful in development of innovative strategies for including deaf and hard of hearing people in outreach activities. The surveys were "culturally sensitive" with deaf staff people presenting the surveys and information. No other state, as far as could be determined, made such efforts to work in this way.

Transit Oriented Design Project

There is a realization that a substantial market exists for a new form of walkable, mixed-use urban development around new rail stations and transit stops. Changing demographics are leading to a need for a diversification of real estate projects, and the type of development known variously as transit villages or transit oriented development (TOD) is beginning to receive serious attention in real estate markets around the nation. These transit oriented developments have the potential to provide residents with improved quality of life and reduced household transportation expenses while providing the region with stable mixed-income neighborhoods that reduce environmental impacts and provide real alternatives to traffic congestion.

The ATRI works with a team that includes the Great American Station Foundation, the Center for Neighborhood Technology (Chicago), and Strategic Economics (San Francisco/Berkeley). The goal of the TOD Project is to meet the market demand for walkable transit-oriented communities around rail stations and transit stops in a way that delivers on the equity and environmental promises of this kind of development.

The first step was to bring transit oriented development to scale, document the state of the practice at the present time, and analyze the barriers that have prevented full realization of the transit oriented development opportunity. The second part of the learning process was to assemble two-day TOD workshop sessions in key regions across the United States to gain an in-depth understanding of the problems faced by practitioners on the ground.

After completion of the first two phases, the team will develop a manual on Best Practices in Transit Oriented Development. This handbook will include case studies on successful developments in different scale and settings, including urban, suburban, and commuter towns, and market rate and subsidized products.

New Mexico ITS/CVO and Border Technology Program

The ATRI will provide project and technical support to the New Mexico's Commercial Vehicle Information Systems and Networks (CVISN) Project Manager and CVISN Team to promote a consistent, unified approach to program management. The ATRI will support the State in communicating and marketing the benefits of Intelligent Transportation Systems/Commercial Vehicle Operations (ITS/CVO) services to state, federal, and motor carrier decision-makers. The ATRI will support and help facilitate timely completion of approved regional and state deployment milestones identified in the New Mexico CVISN Program Plan.

Other components of the Program include:

- The North American Free Trade Agreement (NAFTA) Commercial Vehicle Study—the ATRI will assist the Federal Highway Administration, New Mexico Division, by researching commercial vehicle traffic trends and changes brought about by the NAFTA. The ATRI will also research freight and efficiency issues impacting New Mexico trade corridors and border crossings. This will include a feasibility study to track safety and intermodal freight traffic and routes.

- The CVO Evaluation and Integration in New Mexico—the ATRI will evaluate CVO in New Mexico, with emphasis on Mexico/New Mexico border trade, travel, traffic, and other related activities and the efficient integration of the New Mexico CVO business plans and activities as related to the border.
- The New Mexico/Mexico Border Index—this will profile New Mexico Border corridors (including Interstate 40) using GIS, and develop a model index of the present vehicle traffic and estimate increases or decreases in the traffic volume over the remainder of this decade.

The ATRI will demonstrate the following elements of the three main components of CVISN:

Safety information exchange—ASPEN (the pen-based computer safety inspection system) or equivalent at major inspection sites; connection to the Safety and Fitness Electronic Records System to provide interstate carrier, vehicle, and driver safety snapshots and to the Commercial Vehicle Information Exchange Window (or equivalent) for exchanging interstate and intrastate carrier, vehicle, and driver safety snapshots within and among states;

Credentials administration—end-to-end processing (i.e., carrier application, application processing, credential issuance) of at least the International Registration Plan (IRP) and International Fuel Tax Agreement (IFTA) credentials; ready to extend to other credentials (e.g., intrastate, titling, oversize/overweight, carrier registration, hazardous materials); connection to IRP and IFTA Clearinghouses; and having at least 10 percent of the transaction volume handled electronically; ready to bring on more carriers as carriers sign up; ready to extend to branch offices where applicable; and

Roadside electronic screening—implemented at a minimum of one fixed or mobile inspection site and ready to replicate at other sites.

Welfare-to-Work Transportation and Access to Jobs

Welfare-to-Work forums in every part of the State indicate that the success of New Mexico's Temporary Assistance for Needy Families (TANF) program, New Mexico Works, depends in large part upon eliminating two major barriers: the lack of childcare and transportation. By working across programs and departments, including the State's Human Services, Labor, Highway and Transportation, and Education Departments, the ATRI is developing ways to make affordable, dependable transportation to work, and support services such as childcare, a reality for 25,000 TANF clients and their children.

In FY2002 the Institute began implementing many of the ideas reported in *Moving Forward: A Transportation Toolkit For Welfare Reform.* These include facilitating regional rural transportation coordination meetings and training for local, county, and state staff in the fields of human service, workforce development, education, planning, and transportation; using technology to streamline record keeping and reduce administrative costs; and promoting long-term, cost-effective, sustainable employment transportation alternatives for New Mexico's working poor, especially those in rural areas who have long commutes and few mass transit options.

Centers and Special Programs

MATERIALS RESEARCH CENTER

The ATRI operates the Materials Research Center—a major activity, which brings improved technology to the design, construction, and maintenance of highway pavement in New Mexico, and also to improve the cost-benefit ratio over the life of these facilities. The Center is operated in cooperation with the NMSHTD for the benefit of its District Engineers in six districts around the State. FY2002 research projects included:

- Evaluation of Non-Destructive Testing Methods
- High Performance Concrete and Alkali Silica Reactivity
- NMSHTD Lab Bureau
- Non-Nuclear Testing Devices
- NUPEC Project
- Road Lifecycle Innovative Financing Evaluation – NM 44
- Whitetopping of Airport Runways

In addition to the projects listed above, the Materials Research Center uses several laboratories on campus and in the UNM Science and Technology Park to perform testing of various materials and structures in support of funded projects. The Materials Research Center has provided technical assistance to the private companies (Wilson & Company, Rio Grande Portland Cement Company, Leedshill Herkenhoff/Arctic Slope Consulting Group) and other government agencies (Historic Preservation Division, Office of Cultural Affairs).

New Mexico State Highway and Transportation Department Library

The NMSHTD Library had its fourth year of operation in the offices of the ATRI. The NMSHTD Library is a special collection within the UNM General Library Consortium. Through the consortium, the NMSHTD Library collection and those of other consortium members are shared, allowing access to over two and a half million items. Each member is responsible for the operating policies and procedures of their respective collection.

Consortium members include the UNM General Libraries and its specialty libraries including the African American Studies, Native American Studies Information Materials and Resource Collection and Women's Resource Center. Other member institutions include the Albuquerque Planning Resource Center, Harwood Museum Library, Kit Carson Museum Library, Millicent Rogers Museum Library, New Mexico Tech Library, Northern New Mexico Community College, Santa Fe Community College, and the Santa Fe Institute.

The collection is available via LIBROS, the UNM library online catalog of the Consortium Libraries. LIBROS includes listings of books, periodical titles, government publications, audiovisual material, sound recordings, musical scores, and special collections. It can be accessed through the LIBROS online catalog via the Web at libros.unm.edu/ or Telnet. This year

the search capabilities of the library will limit searches to the "DOT" Library only. In this way patrons may only look for materials only within the "DOT" Library.

New Mexico Local Technical Assistance Program (LTAP)

As part of its library administration, the ATRI also provides support to the LTAP. The LTAP is the technology transfer program of the Federal Highway Administration's Office of Professional Development. The LTAP program helps unite technical innovations, training, and product application in improving transportation to the states, cities, and counties. The LTAP mission is to stimulate active, progressive, and cost effective transfer of bridge/highway technology and provide technical assistance to local and urban governments.

Rural Transit Assistance Program (RTAP)

Under a professional services agreement with the NMSHTD's Public Transportation Programs Bureau, the ATRI coordinates training and provides technical support for New Mexico's rural transit providers and sub-grantees. Training and support are directed primarily to transit programs funded through the Federal Transit Administration's 5310 program, which serves senior and disabled populations, and 5311 program, which provides transit for any rural area or small town. In addition, the ATRI has been staffing the New Mexico Passenger Transportation Association (NMPTA), a non-profit transit advisory organization. The ATRI publishes the NMPTA newsletter quarterly, coordinates Board development and meetings, arranges training for members and non-members, and organizes the annual NMPTA Conference and Van/Bus Roadeo.

Transportation Resource Exchange Center

A major center housed at the ATRI is the Transportation Resource Exchange Center (T-REX) (www.trex-center.org) operating under a five-year cooperative agreement between the ATRI and the U. S. Department of Energy (DOE), which was initiated in the spring of 1998. The T-REX is a single-point source for information on the transportation of radioactive materials (RAM). The T-REX continues to build a virtual library to improve the management and dissemination of radioactive materials transportation information. The research staff provides technical assistance to the general public, environmentalists, academic researchers, and DOE contractors. The Web pages provide links to hundreds of documents, databases, news, and contacts. One product is The TRAM (Transportation of Radioactive Materials), a Web-accessible, searchable database that coordinates information about all stakeholder organizations in the arena of RAM transport. (Other projects include a searchable index of scanned documents, a series of annotated bibliographies, and a study on environmental impact statements (EIS) public comments and associated Department of Energy responses.)

Since the Web site's launch, the T-REX Virtual Library has continued to grow and evolve. The data from the user information needs assessment resource inventory of libraries and reading rooms have served as the basis for the development of several unique databases and usability features contained with the T-REX Virtual Library. The TRAM database and search engine has information regarding over 850 organizations and individuals that have specific expertise or

interest in the transport of radioactive wastes and materials. The Transportation Resource Exchange Center Index (T-REXDEX) has now over 1,900 documents online.

As a result of the formative research which was garnered during this assessment of information needs, the T-REX Web site has earned high marks from its users for its content, overall ease of use, and logical design. In 2002, the number of Web site visits or "hits" to the T-REX Virtual Library was approximately 150,000.

Expected New Agreements for Fiscal Year 2003

- The ATRI expects to continue its administrative support role to the Public Transportation Programs Bureau (PTPB) of the NMSHTD on the Job Access and Reverse Commute (JARC) grant program through a new competitive grant to be awarded to the PTPB in the next calendar year, 2003. The ATRI wrote the grant and new funding will expand transit operations in 25 New Mexico communities and leverage human service transportation funds in rural areas.

- The Ball Aerospace and Technologies Corporation continues its long-term involvement of Historically Black Colleges and Universities and Minority Institutions. Ball selected the ATRI to support the Mentor-Protege (M-P) program through curricula development and technical support. ATRI students and staff primarily will do data accumulation and interpretation tasks using applicable database software applications.

- The USDOT FTA Joint Programs ITS office expects to fund the ATRI to expand its existing cooperative agreements. New work would encompass pilot testing an Automatic Vehicle Location (AVL) Deployment system for Laguna Pueblo. The Laguna Pueblo AVL Deployment would serve rural populations between Grants and Albuquerque, including Laguna Pueblo and some Navajo tribal members, and potentially other working poor populations, those moving from welfare-to-work, and people with disabilities. The project also could assist law enforcement and emergency response by making response safer and more efficient on isolated, unimproved roads.

- Additional funding from the FTA will also provide support for the Swipe Card Technology in rural transit vehicles. The ATRI is currently working with a vendor to determine the best products to employ to interface transit swipe cards and the CRRAFT software. The enhanced swipe card will coordinate data gathering activities across several government agencies and levels.

- A new cooperative agreement with the Nuclear Regulatory Commission is expected to commence in fiscal year 2003. The work would support the NRC's Spent Fuels Program in the area of communication strategies, public messages, bibliographic databases, Web site development, and dissemination of information related to radioactive materials, spent nuclear fuel, safety and security, and other issues.

Publications and Presentations

Amy Estelle. *Child Safety Seat Usage in Rural Transportation*. August 2001.

Judith M. Espinosa. *Social Equity and Environmental Justice in Transportation Research.* September 2001.

Nancy Bennett and Mary E. White. *The Transportation Resource Exchange Center (T-REX): A Virtual Library on All Aspects of the Transportation of Radioactive Waste and Materials*, presented at the 2001 Packaging and Transportation of Radioactive Materials Conference, September 3-7, 2001.

Nancy Bennett and Mary E. White. *The Transportation Resource Exchange Center (T-REX) Website: A Case Study*, presented at the New Mexico 2001 Environmental Health Conference, October 27-30, 2001.

Nancy Bennett and Mary E. White. *Creating the Transportation Resource Exchange Center (T-REX).* Submitted, peer-reviewed, and accepted for the Winter 2001 Meeting of the American Nuclear Society, November 12-17, 2001.

Kiran K. Pallachulla, Lary R. Lenke, and R. Gordon McKeen. *Evaluation of Ground Granulated Blast Furnace Slag to Mitigate Alkali Silica Reactivity*, submitted to Rio Grande Portland Cement Corporation. December 2001.

Elaine S. Brouillard, Timothy F. Karpoff, and David Albright. *Community Advisory Groups: Involving Highway Users in the Research Process*, presented at the Transportation Research Board (TRB) Annual Meeting, January 2002.

Judith M. Espinosa, Nancy A. Bennett, and Mary E. White. *The Transportation Resource Exchange Study (T-REX): A Case Study*, presented at the Transportation Research Board (TRB) Annual Meeting, January 2002.

Judith M. Espinosa, Matthew Baca, Amy Estelle, Mary E. White, and Josette Lucero. *Moving Forward: A Transportation Toolkit for Welfare Reform*, presented at the Transportation Research Board (TRB) Annual Meeting, January 2002.

Geri Knoebel. *Isleta Boulevard North Road Improvements: Design Ideas From Other Communities*, Bernallilo County Citizens Advisory Committee for Isleta Road Improvements, January 2002.

Nancy Bennett and Mary E. White. *Using the Internet for Outreach to Stakeholder Groups to Facilitate Environmental Restoration: A Case Study*, presented at the Annual 2002 Winter Meeting of the Health Physics Society, February 17-20, 2002; and at the Waste Management Symposium '02, February 24-27, 2002.

Geri Knoebel. *Creating Isleta's Sense of Place: Developing a Community Perspective, Volumes 1 and 2*, Bernallilo County Citizens Advisory Committee for Isleta Road Improvements, March 2002.

Geri Knoebel. Street Design for Isleta North: Issues and Discussions. A Citizen Advisory Committee Member (Bernallilo County Road Improvements), March 18, 2002.

Nancy Bennett and Mary E. White. *Using the Internet to Facilitate Environmental Restoration: A Case Study*, presented at the National Institute for Standards and Technology's Best Practices Conference on Communicating Science and Technology to the Public, March 6-8, 2002; and at the Electrical Power Research Institute 2002 International Low-Level Waste Conference, June 19-21, 2002.

Elaine Brouillard and Matthew Baca. *Strategic Planning Process: Santa Fe Trails Transit.* April 2002.

Nancy Bennett and Mary E. White. *Working Together on Environmental Programs: A Case Study of the Transportation Resource Exchange Center (T-REX) Website*, presented at the 12th Biennial Embedded Topic Meeting of the American Nuclear Society Radiation Protection Shielding Division, April 17-18, 2002; and at the American Industrial hygiene Association 2002 Annual Meeting, June 1-6, 2002.

Judith M. Espinosa. Testimony of Judith Espinosa on behalf of the Surface Transportation Policy Project before the Senate Environment and Public Works Committee, Hearing on Transportation Planning and Smart Growth, May 15, 2002.

State of New Mexico Intelligent Transportation System/Commercial Vehicle (ITSA/CVO) Business Plan Update. Submitted by the ATR Institute to the New Mexico State CVISN Team. June 2002.

Nancy Bennett and Mary E. White. *Conducting Stakeholder Outreach to Facilitate Environmental Restoration in the 21st Century: A Case Study of Transportation Resource Exchange Center (T-REX) Website and Virtual Library*, presented at the INMM Annual Meeting, June 24-27, 2002.

ATR Institute UNM Connections

School of Engineering/Civil Engineering Support

The ATRI staff continues to provide support to UNM's Department of Civil Engineering academic mission. Lary Lenke, ATRI engineering staff, served as a Lecturer in Civil Engineering, teaching classes and laboratories in Civil Engineering Materials and Mechanics of Materials. Engineering Technicians, Tom Escobedo and Ken Martinez, provide technical assistance to students in the laboratory setting. The ATRI technical staff continue to assist in undergraduate teaching laboratories such as Construction Materials, Soil Mechanics, and Mechanics of Materials.

The ATRI is cognizant of its relationships to the School of Engineering and seeks to obtain expertise from its faculty and staff for various project activities. The ATRI works with the following UNM faculty:

- Julia E. Coonrod, Assistant Professor, Civil Engineering Department: Laboratory Testing Support
- Walter H. Gerstle, Professor, Civil Engineering Department: NUPEC Project
- Moon Meng Chua, Professor, Civil Engineering Department: Geo-Technical Engineering and Pavement Research
- Jim Brogan, Professor, Civil Engineering Department: School of Engineering liaison to the Institute
- Arup K. Maji, Professor, Civil Engineering Department: Laboratory Testing Support
- Leslie S. Oakes, Associate Dean, Anderson Schools of Management: NM 44 Pavement Evaluation

Staff of the ATR Institute

The ATRI is well suited for the formidable policy challenges ahead. Its broadened perspective enables it to study the balance of numerous interests: accessibility, sustainable development, safety, public involvement, environmental responsibility, the integrity of the marketplace, and fiscal prudence. In all its work, the ATRI is guided by its focus on issues between transportation systems and their users. Therefore, the ATRI has recruited a staff who reflects new policy and technical developments in the field of transportation.

Matthew Baca has been a Transportation Research Programs Manager at the Institute since March of 1998. Included among the programs he manages are the Transportation Resource Exchange Center for the Department of Energy, the Border Technology Project for the Federal Highway Administration, and the NMSHTD's Rural Transit Assistance Program and their Welfare-to-Work efforts. He also provides administrative oversight for the Institute's operation of the NMSHTD's library. Mr. Baca serves the New Mexico State Senate as Chief Analyst for the Public Affairs Committee. Mr. Baca is also the former Deputy Cabinet Secretary of the New Mexico Energy, Minerals and Natural Resources Department, and the former Director of the New Mexico Environment Department's Field Operations and Drinking Water Division. He was also the principal in his own energy, transportation and environmental consulting company. Mr. Baca was the Principal Author of the New Mexico First Town Hall Transportation Background Report. Mr. Baca is a graduate of the University of New Mexico in Mechanical Engineering.

Nancy Bennett received her BFA with a double major in life drawing and art history from Bowling Green State University in Ohio. She completed her MA in art history from the University of Chicago and worked for several years at a Chicago art gallery. From there, she

went on to attend graduate school in Washington, D.C., studying library science. While a graduate student, Ms. Bennett obtained an internship with the U. S. Congressional Office of Technology Assessment and soon after was promoted to librarian. Ms. Bennett moved to Albuquerque and was hired as the manager of the Department of Energy's Public Reading Room. She joined the staff of the ATRI as an information specialist in November 1998 where she has worked as the project leader in the development of the Transportation Resource Exchange Center (T-REX).

Jim Brogan, a tenured professor at the Civil Engineering Department serves as a School of Engineering liaison to the Institute. He holds degrees, all in Civil Engineering, from Villanova University (BSCE, 1967), Purdue University (MSCE, 1973), and the University of Tennessee (Ph.D., 1977). He has taught at the U. S. Army Engineer School at Fort Belvoir, Virginia, and at Michigan State University. Dr. Brogan was a Faculty Sabbatical Employee at Sandia National Laboratories. His research interests include routing and risk assessment for hazardous materials transportation and safety planning and design for urban goods movements. His research work has been sponsored by the National Science Foundation, the U. S. Department of Transportation, the Tennessee, Michigan, and New Mexico Departments of Transportation, the New Mexico Environment Department, and the U. S. Department of Energy. Dr. Brogan is a member of the Transportation Research Board, the American Society of Civil Engineers (ASCE), and the Institute of Transportation Engineers (ITE). He is currently serving as Chair of ASCE's Hazardous Materials Transportation Committee and as Technical Chair for the New Mexico section of ITE.

Elaine Brouillard is a Research Scientist who previously worked at the ATRI as a Graduate Intern prior to being hired as staff in September 1999. Her projects are the intersection of policy, culture and environment. She combines her background in geology (BS 1980) and water resource management (MWRA, 1999) to address transportation issues from a watershed perspective. During her tenure at the ATRI she has also conducted community-based research to develop public policy relevant to New Mexican communities and sovereign tribal nations. She coordinated the first New Mexico Tribal/State Transportation Summit and continues to assist in the action group established by the Summit. She was the principal investigator for the Transportation Research Board conference "Transportation Improvements: Experiences Among Tribal, Local, State, and Federal Governments." She is the chair of the City of Albuquerque's Open Space Advisory Board, a mayoral appointed position, and has served as the secretary of the Westside Coalition of neighborhoods.

Tom Escobedo, Supervisor Teaching Labs, assists as staff at the Materials Research Center, teaching School of Engineering students in laboratory support for paving and construction classes. He has also provided services to NMSHTD District staff when needed. He supports Civil Engineering faculty on various research projects.

Judith M. Espinosa directs the ATRI. In addition to her research and policy implementation work with the ATRI, Ms. Espinosa chairs the Good Neighbor Environment Board, a Presidential and Congressional Advisory Committee on U.S./Mexico Border Issues. She was appointed by President Clinton and confirmed by the U.S. Senate to sit as a Trustee for the Morris K. Udall Foundation, which oversees the U.S. Institute for Environmental Conflict Resolution. As a

member of the President's Council for Sustainable Development from 1994-1997, Ms. Espinosa worked with the CEO's of national corporations and nationally based environmental groups to develop the United States plan for Sustainable Development under the protocols of the United Nations. Ms. Espinosa served as New Mexico's Secretary of Transportation from 1983-1985 and as the first Secretary of the New Mexico Environment Department from 1991-1994. She has chaired the Government Advisory Committee that advised EPA Administrator Carol Browner on implementation of the environmental supplemental agreement to NAFTA. Ms. Espinosa serves on the boards of the Energy Foundation, National Wildlife Federation, North American Institute, Surface Transportation Policy Project, and New Mexico Conservation Voters Alliance. She is also the former President of the New Mexico Hispanic Culture Foundation.

Amy Estelle is a research scientist who has worked with the ATRI on transportation and public policy since March 1998. Her projects include rural transit and transportation issues in welfare reform. An interdisciplinary scholar and a highly praised teacher, Dr. Estelle has worked extensively, in the classroom and the community, on the intersection of race, class, gender, and nationality with environments. As an instructor at the University of New Mexico from 1991-1995, Dr. Estelle taught courses in Ecology, Economics, and Ethics; Ecological Identity; and Environmental Justice. She has also worked two years in wetlands science (New Hampshire) and six years in coastal ecology and environmental education (Georgia). She received a BS in Microbiology from the University of Georgia (1972), a MS in Resource Management and Administration from Antioch University (1990), and a Ph.D. in American Studies (emphasis in environment, technology, and culture) from the University of New Mexico (1997).

Geri Knoebel is responsible for the administration of all professional services agreements, contracts, and grants for the ATRI as well as the personnel, financial, and office operations of the Institute. She also assists in program development for ATRI research projects. Ms. Knoebel is a former administrator, manager, and budget analyst in both the private and non-for-profit sectors. She is a member of the American Society of Public Administrators, the National Council of University Research Administrators, and the American Planning Association. Ms. Knoebel is currently a Master's Degree candidate in the UNM School of Public Administration. Her area of emphasis is in public budgeting and finances.

Lary Lenke has been with the University of New Mexico since 1978 serving on the research staff within the University's School of Engineering. Mr. Lenke has pursued graduate studies in geo-technical engineering and engineering mechanics at both the University of New Mexico and the University of Colorado. Current work at the ATRI's Materials Research Center has been on experimental methods for evaluation of alkali-silica-reactivity (ASR). This research has resulted in the development of specifications for mitigation of ASR in New Mexico's highway and bridges. Recent interests have been on High Performance Concrete (HPC) for the transportation, nuclear, and hazardous waste arenas. Mr. Lenke and other researchers at the ATRI are currently collaborating with Sandia National Laboratories on a project for evaluating HPC for use in nuclear power plant containment structures. He also serves as a Lecturer within the School of Engineering's Department of Civil Engineering where he teaches laboratory classes in Civil Engineering Materials and Mechanics of Materials. He is a member of the American Society for Testing and Materials and Sigma Xi, the Scientific Research Society.

Diana Leute serves as the Library Information Specialist for the NMSHTD Library Project and has been the primary staff in organizing the New Mexico Local Technical Assistance Program (LTAP) Media Library. She began an aggressive Library Marketing Plan for the Research Bureau and continues her communication with libraries across the state and nation. Generally, Ms. Leute supports the LTAP program by direct activities with the LTAP Director.

Ken Martinez, Civil Engineering Tech, spearheads much of the daily engineering laboratory work done at the Materials Research Center facilities. He frequently provides services to NMSHTD District staff on various projects; serves as a peer reviewer on various highway projects involving materials issues; and develops information for presentation at the annual RQI. He currently is working with District staff on "Big-I" reconstruction related projects.

Gordon McKeen directs the Materials Research Center at the ATRI. He has directed construction materials, geo-technical, and pavement engineering research projects over the last 25 years. He currently serves on committees of the Transportation Research Board (chairman, A2L06), the American Society for Testing and Materials (Committee E17), and the Post-Tensioning Institute (Slab-on-Ground Design Committee). He has served on the Planning Committee for the University of New Mexico Paving and Transportation Conference for over 20 years. Major projects recently completed include evaluations of Cold Insitu Recycling and Mitigation of Alkali-Silica Reactivity in Concrete. Current professional services agreements represent a wide variety of clients including state agencies, national laboratories, and private companies.

Miguel F. Sarria has over 29 years experience in management consulting and over 16 years experience in software engineering. His expertise includes: system analysis, software architecture, project management, software engineering, software implementation, client support, business management, quality assurance testing, database engineering, Oracle integration, Web marketing consulting, Web architecture, Web production/management, Web engineering, and ColdFusion engineering. Mr. Sarria has developed solutions for Local Area Networks in the fields of accounting, construction, manufacturing, cost management, and general business for clients in the United States, Ireland, Scotland, and Latin America. He holds an AA degree in Industrial Engineering and a BS in Architecture.

Mary E. White earned a Bachelors of University Studies from the Communication and Journalism Department of the University of New Mexico (UNM), with a concentration in advertising and public relations. In 1998, she won the Bernays Cup, a national public relations award for her case study of tobacco as a public relations issue in the 1996 US Presidential campaign. The article she wrote, "Tobacco Road Revisited: On the Campaign Trail with Buttman in 1996," was published in the 1998 winter issue of *Public Relations Quarterly*. Ms. White will complete her MA in Communication from UNM in fall 2000. Her thesis is entitled *A Multi-Method Approach to Understanding the Effects of the Web Pages of the U.S. Department of Energy and Citizens for Alternatives to Radioactive Dumping Regarding WIPP*. Ms. White is a program coordinator at the ATRI. Her chief interests are public policy, intercultural communication, and the World Wide Web as a communication medium.

Jeanette Albany, ATRI Web designer and publications specialist, provides design specialties to ATRI professional staff and their clients for conference posters, PowerPoint presentations, large photo graphics, and research reports. Ms. Albany developed, designed, and maintains ATRI's Web site. She also serves as the advisor and designer to the NMSHTD Library for resource, educational and marketing materials and Web Library links. She provides the Research Bureau with publications design and newsletter dissemination as needed and is also the editor of the NMPTA newsletter.

Mary Jane Dorotik-Gallegos, Administrative Assistant II, supports the Director and other professional staff as well as provides meeting and conference logistics. She provided extensive administrative support to the national Tribal Conference held in October 2000. She also assists the ATRI senior staff members, who work on Research Bureau projects to carry out their efforts.

Anne Landy, Administrative Assistant II, is assigned as staff liaison with the Research Bureau. Her primary task is to coordinate the project "Involving Traditionally Under-Served Communities in Transportation Policy and Programs." Additionally, half of Ms. Landy's time in FY 2001 was also dedicated to developing and maintaining the Research Bureau's "Staffing Plan Database" and assisting the Bureau with other database work used for their projects.

Debby Pendell, Accounting Tech, serves as a member of the Research Advisory Committee for the "Involving Traditionally Under-served Communities in Transportation Policy and Programs." She meets with the project coordinator and members of the deaf and hard of hearing community to advance the priorities of the project. Ms. Pendell is also responsible for assisting the ATRI in facilitating the administration of billings and fiscal accounts.

Institute for Space and Nuclear Power Studies
Annual Report
July1, 2001 to June 30, 2002
By Mohamed S. El-Genk, Regents' Professor and Director

The Institute for Space and Nuclear Power Studies, ISNPS, an academically–based, self-supported research and development organization, was established in 1984, as a research organization within the School of Engineering. Dr. Mohamed S. El-Genk, Regents' Professor of Chemical and Nuclear Engineering, is the founding director of the Institute director since inception in 1984.

MAJOR RESEARCH AREAS

ISNPS is a nationally and internationally acclaimed center for space nuclear power and propulsion systems research and technology. It is also dedicated to providing specialized educational and research opportunities in basic and applied fields for the peaceful uses of nuclear energy in space power and cogeneration electrical power plants for and terrestrial applications. These include space nuclear power and propulsion systems design, modeling, and analysis; advanced energy conversion such as thermionics, alkali metal thermal-to-electric conversion (AMTEC) and advanced segmented thermoelectric; interfacial and transport phenomena; stability of evaporating and non-evaporation thin liquid films; heat pipes for high and low temperature applications; and thermal management of space systems.

Additional areas of expertise at ISNPS include advanced cooling of electronic chips using immersion boiling of dielectric liquids for smooth and porous surfaces; nuclear fuel design and irradiation behavior; application of RF plasma to the decontamination of transuranic waste; nuclear reactors neutronics and thermal hydraulic design; nuclear reactor safety analysis; application of video microscopy optical techniques for investigation of colloidal particles deposition on solid surfaces and gas-liquid interfaces; high temperature materials; boiling heat transfer; and the thermophysics in microgravity.

PROFESSIONAL ACTIVITIES

ISNPS has been organizing the "*Space Technology and Applications International Forum (STAIF)*", since 1995 and the *Symposium on Space Nuclear Power and Propulsion Systems* since 1984. The Symposium on Space Nuclear Power and Propulsion Systems is one of several concurrent conferences on various aspects of space technology featured at STAIF. As a leading national and international professional technical meeting, STAIF facilitates exchange of information and interaction among technologies, academicians, industrialists, and program planners on all aspects of space systems technology, space commercialization, space nuclear power and propulsion, innovative transportation systems for exploration of the solar system and beyond; commercial/civil next generation space transportation; reliability, materials, and radiation effects; advanced engineering environments/technologies for product development; new generation launch systems, and thermophysics in microgravity.

PERSONNEL

In addition to the Institute Director, the administrative and technical staff at ISNPS includes one full time administrator, three undergraduate student administration support staff, two research assistant professors, four Ph.D. candidates, one Masters candidate, and one undergraduate student for research support. Currently, ISNPS has been granted major research awards from NASA, Bettis Atomic Laboratory, and Jet Propulsion Laboratory. In addition, ISNPS is teaming on three major proposals to NASA for funding consideration to support NASA's Space Nuclear Initiative (SNI). As a result, ISNPS currently has RA openings for several graduate students to pursue their studies toward a Masters or Ph.D. in Chemical or Nuclear Engineering, 1-2 openings for Post-Doctorate Fellows, and an opening for a laboratory technician. It is expected that these openings will be filled within the next 6-9 months.

PARTNERSHIPS

ISNPS is dedicated to promoting partnerships with industry and small business in applied technology, prototype development, and verification and proof of principle of promising concepts. This self-supported research and development organization with an academic base has a vision to sponsor space science and advanced technology research, development, and commercialization; promote the peaceful uses of nuclear energy; and provide education and research opportunities for students, faculty, and the community. The mission of the Institute is to perform basic and applied research, develop partnerships with industry, enable technology application and commercial development, provide technical and professional training, organize and conduct technical forums, and promote and sponsor outreach activities in higher education in K-12. The key to the Institute's success in meeting its objectives is to engage in partnerships with industry, government, and academic institutions in multi-disciplinary projects and programs that reach across a broad spectrum from basic research to product development. Current partners and research collaborators include the Boeing Company, Teledyne Energy Systems, Inc., The Jet Propulsion Laboratory, Hi-Z, Inc., and the University of Michigan.

FINANCIAL SOURCES

The major funding is derived from research contracts and grants. Minor funding sources include indirect cost return, industry contributions, and industrial exhibits and professional training short courses, and income from the ISNPS's endowment at the University of New Mexico Foundation. The annual expenditures of UNM-ISNPS average $500,000.

ACADEMIC AND PROFESSIONAL PRODUCTIVITY (1984 - 2000)

GRADUATE DEGREES

-	M.S. Theses completed	23
-	M.S. Theses in progress	1
-	Ph.D. Dissertations completed	22
-	Ph.D. Dissertations in progress	4

PUBLICATIONS RECORD

-	Refereed papers	206
-	Papers in conference proceedings	186
-	Conference transactions articles	65
-	Technical reports	51

REPRESENTATIVE PUBLICATIONS (1999/2001)

Tournier, J. -M., and M. S. El-Genk, "Radiation Heat Transfer in Multi-Tube Alkali-Metal Thermal-to-Electric Converter," ***J. Heat Transfer***, 121, 239 - 245, 1999.

El-Genk, M. S. and C. Gao, "An Experimental Investigation of Pool Boiling from a Downward-Facing Hemi-Spherical Stainless-Steel Surface," ***J. Heat and Technology,*** 16 (1), 65 - 75, 1999.

Tournier, J.-M., and M. S. El-Genk, "Performance Analyses of Pluto/Express, Multitube AMTEC Cells," ***J. Energy Conversion and Management,*** 40, 139 – 173, 1999.

El-Genk, M. S. and H. H. Saber, "Determination of Operation Envelopes for Closed, Two-Phase Thermosyphons," ***Int. J. Heat and Mass Transfer***, 42, 889 - 903, 1999.

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Veilleux, J. M., M. S. El-Genk, E.P. Chamberlin, C. Munson, and J. FitzPatrick, "Plasma Decontamination of Depleted Uranium Oxide from Stainless-Steel Surfaces," ***Annals of New York Academy of Sciences on "Heat and Mass Transfer Under Plasma Conditions," 891, 207-215, 1999.***

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Veilleux, J. M., M. S. El-Genk, E. P. Chamberlin, C. Munson, and J. Fitzpatrick, "Etching of UO_2 in NF_3 Plasma Glow Discharge," ***J. Nuclear Materials***, 277, 315-324, 2000.

El-Genk, M. S. and H. H. Saber, "An Analysis of Depleted Uranium Dioxide Etching Experiments," ***J. Nuclear Technology***, 132(2), November 2000.

El-Genk, M. S. and J.-M., Tournier, "Estimates of Helium Gas Release in $^{238}PuO_2$ Fuel Particles for Radioisotope Heat Sources and Heater Units," ***J. Nuclear Materials*** , 280(1), 1-17, 2000.

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El-Genk, M. S. and Hamed H. Saber, "Minimum Thickness of a Flowing Down Liquid Film on a Vertical Surface," ***Int. J. Heat and Mass Transfer*** (in print, October 2000).

Huang, L. and M. S. El-Genk, "Thermal Conductivity Measurements of Alumina Powders and Molded Min-K in Vacuum," ***J. Energy Conversion and Management***, 42(3), 599-612 (2001).

El-Genk, M., "A High-Energy Utilization, Dual-Mode System Concept for Mars Missions," ***J. Propulsion and Power***, 17(2), 340-346, 2001.

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National Environmental Technology Network (NETN)
Annual Report
Submitted by Connie Callan, Director
July 1, 2001-June 30, 2002

Description of Organization

The National Environmental Technology Network (NETN) has been developing award winning, distance learning, and professional training and informational programs since 1991. Since April 1998, NETN has been reporting to Tim Ward. This organizational reporting structure within the School of Engineering continues to be a positive opportunity for NETN. Dr. Tim Ward, as the Chair of Civil Engineering and the Associate Director of the Waste-management Education and Research Consortium (WERC), is familiar with the opportunities for NETN within WERC. The Department of Energy's cooperative agreement with WERC, encourages the teaming of the New Mexico three universities, two national laboratories, and Dine in environmental research, education, and training. NETN has produced distance-learning professional environmental broadcasts, and informational videos since WERC's inception. The products have utilized the professional expertise of environmental professors and scientists, who assist WERC in meeting DOE strategic objectives. NETN has enhanced WERC's ability to log award-winning informational products (videos and broadcasts), which respond directly to DOE's environmental education and training requirements.

Organizational Structure and Location

NETN is located in the EECE building. The address is in EECE, L216 (A, B, C, and D). The sub-basement location is on campus and the organization can now provide convenient opportunities for academic programs to team on grants and contracts submitted to the NETN principal funders. Over the years, NETN sponsors have included the Department of Energy (DOE/ABQ, and DOE/HQ), Environmental Protection Agency, Sandia National Laboratory, National Science Foundation, WERC, and video sales to industry principally through AMCEE.

Organizational staffing and Support

Connie Callan, Director/Program Manager of NETN continues to accomplish quality production deliverable with a group of talented temporary staff, student employees, and support contractors in the video production area, which include video camera operation, video editing, production sound, production scripting, and duplication services. The equipment in the organization includes a state-of-the-art, digital, Media 100 production editing suite and a Sony Beta Video Camera.

Camille Pompeo works a few hours weekly with the NETN accounts (she works principally at the Anderson Schools of Management as an accountant). She has been very effective at overseeing the NETN contracts and grants, and monitoring the accounts to insure they do not exceed the estimated budgets for the products.

Funded Projects 2001

1)
Title of Project:
Nuclear Materials Focus Area Video

Contract Dates:
7/00-2/01, 2/01-8/01

Funders:
NMSU/WERC (DOE/AL), Gary Roberson, DOE/AL Program Manager

Description of Project:
NETN produced a video to explain the role that the Nuclear Materials Focus Area (NMFA) plays in developing the science and technology to solve critical problems related to nuclear materials. Examples of technologies developed at specific sites—Los Alamos National Laboratory, Sandia National Laboratories, Idaho National Engineering and Environmental Laboratory, Rocky Flats, and Hanford---are featured, as well as product lines that address national and international technology issues. The need for partnerships among the various sites and good international collaboration with other countries that have nuclear materials was stressed. Senator Domenici was video interviewed by NETN, and his statement for the video was featured in the final product.

Deliverables:
An informational video was produced, as well as a CD format version. Multiple copies (100 each) were mailed to interested scientists and engineers by DOE/AL. Connie Callan attended the WM Conference in Tucson, where the videos and CD's were shown at the NMFA booth, and at their annual meeting.

2)
Title of Project:
Commercial Development in Indian Country, New Mexico Series
Phase One: Video to include nine pueblos: Taos, Picuris, San Juan, Santa Clara, Pojoaque, Nambe, Santa Ana, Sandia, Isleta.
Phase Two: Eight Northern Pueblo Video, adding two additional Pueblos, San Ildefonso and Teseque, and then featuring only the eight northern pueblos (omitting Sandia, Santa Ana, and Isleta).

Contract Date:
Phase One: 1/00-2/01
Phase Two: 2/01-8/01

Funders:
NMSU/WERC oversight and production funding provided by the DOE, Office of Worker and Community Transition (Pam DeRensis, Program Manager) and by the Albuquerque Operations Office (Eileen Beaulieu, Program Manager), with additional oversight from each pueblo, and the Eight Northern Pueblo Office (Bernie Teba).

Description of Project:
Phase One:
Research was conducted with each pueblo's governor, and economic development contact to develop a script that reflected the pueblo's economic development projects, past, present, and future. A three to five minute script was approved. The Pueblo's representative assisted NETN production team in video taping the pueblo. The Pueblo (DOE/HQ, and DOE/AL) approved the final product. The video was shown at a Statewide Economic Development conference in Espanola, and has been distributed by the pueblo's governor's offices, and nationally by DOE/HQ. The All-Indian Pueblo Office is distributing the videos, and Lorentino Lalio, Director of Indian Tourism, has also positively reviewed the videos.

Phase Two:
The same activities as phase one were followed, adding two additional pueblos to the group, San Ildefonso and Teseque Pueblo. An Eight Northern Version of the series was produced, and is being distributed by the Eight Northern Indian Pueblos Council, Inc. Bernie Teba, Executive Director. Of the nineteen total pueblos in New Mexico, eleven have been featured in the total series, which include Taos; Picuris; San Juan; Santa Clara; Pojoaque; Nambe; Santa Ana; Sandia; Isleta; (and, added in phase two, Tesuque, and San Ildefonso). KNME TV was contacted to consider broadcast of these videos on UNM's station.

Deliverables:
-A Series Video Comprised of Nine pueblos
-An Eight Northern Series Video
-Eleven, three-five minute videos for each pueblo's individual distribution

3)
Title of Project:
Study of Attitudes and Opinions About Engineering with Recommendations for Improving the Image of Nuclear Engineering and Attracting Students to Engineering Careers.

Contract Dates:
7/00-6/01

Funders:
Sandia National Laboratory, Tom Sanders, Sandia (Program Manager); and Paul Dickman, DOE/AL (Program Manager)

Description of Project:
Two researchers/authors, Connie Callan, Director, NETN and Estelle Zannes, UNM Professor of Communication and Journalism, conducted surveys with UNM Nuclear Engineers and the general student population to ascertain attitudes and opinions about Nuclear Engineering as a field of study. Professor Bob Bush allowed a survey to be conducted in his class.

Engineering Departments in the United States are experiencing a decline in enrollments, most particularly in the Nuclear Engineering field. The research paper first reviewed the current literature on the subject, and then recorded the opinions and attitudes of Engineering and Arts and Sciences students at the University of New Mexico. Interviews were conducted with professors, as well as surveys and a focus group composed of students from various departments indicated a serious image problem with regard to Nuclear Engineering. Recommendations for improving the image of Nuclear Engineering were presented.

Deliverable:
A research paper was completed and reviewed by Sandia and DOE/AL. The two authors of the paper were: Estelle Zannes, Ph.D., Professor, Communication and Journalism Department, UNM and Connie Callan, Director, National Environmental Technology Network

4)
Title of Project:
Recruitment and Capabilities Video, "The Next Generation", for the Los Alamos National Laboratory, Nuclear Materials Technology Division (NMT Division, TA-55).

Contract Dates: 5/01-9/01

Funders:
Los Alamos National Laboratory (NMT Division, TA-55), Jim Balkey and Pat Trujillo, Program Managers.

Description of Project:
A recruitment and capabilities video was tasked to be developed. The research phase included working with multiple contacts in the NMT Division, particularly the featured program areas, which included -Two Facility Operations offices, Weapons Component Technology, Power Source Technology, and the US/Russian Technology Project. The NETN production crew filmed within LANL, and produced a video designed as a capabilities and informational video, as well as serving as a recruitment video.

Deliverable:
A recruitment video was shown at family day on September 15, 2001 and also distributed nationally to university students, program managers, and the congressional delegation interested in learning more about Los Alamos National Laboratory and the capabilities of NMT Division.

Meetings/Conferences Attended

1) The Waste Management Annual Conference in Tucson, Arizona in 2001. Connie Callan attended the meeting, presented the NMFA video at their booth, and participated in the two WM-Program Advisory Meetings, presenting a proposed new track session in nuclear materials for next year.

2) Attended the WERC Design Contest Awards Meeting in Las Cruces, NM in 2001.

3) Attended and assisted with the hosting of the American Society of Engineering Educators (ASEE) in Albuquerque, New Mexico in 2001. Also participated in the Environmental Division meetings as the past-chair of the Environmental Division of ASEE.

Additional Activities

1) Distribution phase of the Los Alamos National Laboratory Project, which included distribution in a CD/ROM version, broadcast on cable, and extensive a distribution list for universities, industry, and program funders in DOE/HQ and NASA.

2) A Nuclear Materials Stewardship Annual Report was produced for DOE/AL (Rich Sena), and completed in 2001, with a distribution phase in December 2001. The report w featured seven areas: 1) Nuclear Material Technology;
2) Packaging and Transportation; 3) Pit Repackaging; 4) NISSMG; 5) Nuclear Material Stewardship Integration Initiative; 6) Defense Threat Reduction Agency Support; and
7) Fissile Material Disposition Program Support.

Projects next year (02-03)

1) Los Alamos National Laboratory The New Mexico Water Resources group has funded NETN to Conduct meetings and create a Water Education Advisory Board	$9000
2) Los Alamos National Laboratory and the Energy and Environment Group has funded NETN to create a compendium Composed of the sections of their organization to include: Nuclear, Complex Integrated Systems, Water, Hydrogen, and Nitrogen.	$40,000
2A) An additional funding parcel has been approved to add More sections to the Nuclear and the Carbon Sections	$10,597

3) NM Interstate Stream Commission, A Statewide Water Education Program. Two video have been funded to be complete: One describing "Crisis on the Pecos" produced by Jim Cooney, And the other entitled, "NM Water Problems and Solutions" $83,998

Summary of Contracts/Funding

(July 1, 2001-June 30, 2002)

DATES	ACCT #	FUNDERS/PROJECT/PHASE #	FUNDING
07/01-09-02	3-39681	DOE/Annual Report Nuclear Materials Stewardship	$144,580.00

Total Funding FY 01-02	144,580
Total Funding FY 00-01	301,372
Total Funding FY 1990-1995	$3,118,390
Total Funding FY 1996-2000	$1,294,260
Grand Total for NETN since 1990	$4,557,230

National Environmental Technology Network

Summary of Contracts/Funding level/Overhead revenue

Funding Date	Acct. #	Project		Funding Level
1/90		Total Quality Management Series #1		$100,000.00
4/91		Hazardous Waste Management Series (EM-50)		$150,000.00
4/91		Total Quality Management Series #2		$100,000.00
			Total	**$350,000.00**
5/92	3-28016	Waste Minimization (DOE EM-30)		$252,800.00
5/92	3-28017	Environmental Risk Management (DOE EM-50)		$300,000.00
9/92	3-28018	NM Native American Pilot Program (DOE EM-52)		$20,000.00
			Total	**$572,800.00**
1/93	3-28019	Radioactive Waste Management (DOE EM-30)		$300,000.00
9/93	3-28431, 41,51	Mixed Waste (DOE EM-52)		$601,000.00
10/93	3-39661	National Academy of Science		$72,500.00
			Total	**$973,500.00**
7/94	3-28521	Pollution Prevention (DOE Defense Programs)		$405,206.00
7/94	3-28511	Decommissioning (DOE EM-40)		$642,154.00
8/94	3-30831	Teaching Around Television (DOE Albuquerque Training Office)		$45,000.00
11/94	3-30871	EPA Pollution Prevention- Program #3 (EPA)		$75,000.00
				$1,167,360
		Total		
9/95	3-31791	LANL Decommissioning Project		$37,187.00
10/95	3-31871	Sandia Environmental Decision		$15,494.00
10/95	3-32341	LANL PO for re-edit		$2, 049.00
				$54,730
		Total		
2/96	3-32271	NMSU (Bhada)		$40,000.00
2/96	3-32341	NMSU (Burgham)		$40,000.00
5/96	3-28561	Spent Fuel (DOE EMM-67)		$56,796.00
7/96	3-32751	LANL Waste Management		$21,777.00

	3-28721	NMSU (Bhada)		$45,000.00
7/96				
				$203,573
		Total		
3/97	3-28562	Spent Fuel Supplement		$3,500.00
5/97	3-28751	National Dialog-Pinellas (DOE)		$100,000.00
5/97	3-33741	Lockheed Martin-Pinellas Downsizing		$25,000.00
6/97	3-28751	National Dialog-Pinellas (DO WERC)		$40,000.00
8/97	3-28751	DOE-Pinellas Supplemental		$13,600.00
9/97	3-29751	DOE-Pinellas Additional		$26,400.00
			Total	**$208,500**
3/98-9/98	3-28831	WIPP Project		$62,200.00
1/99		WIPP Addendum		$10,553.00
8/17/98-9/30/98	3-35471	Rocky Flats		$4,946.00
			Total	**$77,699.00**
4/1/98-12/30/99	3-28821	Pathways Toward a Cleaner Tomorrow	Phase 1	$37,877.00
		Cleaner Tomorrow	Phase II	$50,562.00
			Phase III	$47,620.00
			Total	**$136,059.00**
11/1/98-4/30/99	3-28841	Live and Work in Northern New Mexico	Phase I	$6,555.00
			Phase II	$43,572.00
			Phase III	$2,823.00
			Total	**$52,950.00**
6/1/98-12/1/98	3-28742	WERC Funds		$20,000.00
12/1/98-Present	3-28741	WERC Funds		$20,000.00
5/10/99	3-30291	Segmented Gate	Phase I	$13,781.00
			Phase II	$6,212.00

			Phase III	$38,879.00
			Phase IV	$917.00
			Total	**$99,789.00**
7/2/99	3-32201	Sandia/Nuclear Materials Management	Phase 1	$12,799.00
			Phase II	$20,000.00
12/31/00			Phase III	$ 4,899.00
			Phase IV	$61,699.00
	3-37041	Anteon Corp/Instruction Video		$28,248.00
2/23/00		On Laser Materials Testing and course series on Laser fundamentals		
7/15/00	3-28891	NMSU/WERC/DOE		$66,673.00
1/1/00		Commercial Future in Indian Country, NM		
2/19/01	3-28742	WERC Funds		$20,000.00
		Grand Total Funding FY99-00		**$214,318**
7/00-2/01	3-28901	NMSU/WERC/DOE		
2/01-8/01		Nuclear Materials Focus Area Video		
			Phase 1	$60,000
			Phase 2	$20,000
1/00-2/01	3-28891	NMSU/WERC/DOE		
		Commercial Future-Indian Country -Phase 1		$66,673
			Phase 2	$13,000
7/00-6/01	3-32201	Sandia National Lab. And DOE/AL-Phase 4		$61,699
		Nuclear Eng. Student Research		
5/01-9/01	3-38771	LANL/DOE		
		Recruitment/Capabilities Video		
			Phase 1	$65,000
			Phase 2	$15,000
			Total for FY 00-01	**$301,372**

07/01-09/02	3-39681	DOE/Annual Report Nuclear Materials Stewardship	$144,580.00
		TOTAL FOR FY 01-02	**$144,580.00**
		GRAND TOTAL	**$4,557,230.00**

Diversity in Engineering Program
Annual Report
July 1, 2001 to June 30, 2002
By Robert A. LaFarge, Director

1. Introduction

The Office of the Diversity Programs (DP) in the School of Engineering (SOE) was created in January 2001, by merging the Mathematics and Science Program / Minority Engineering Programs (MEMS/MEP), the Native American Programs in the College of Engineering (NAPCOE), the NASA Training Project (NTP), and the Diversity in Engineering Programs (DEP). The mission of the Diversity Programs is to recruit and to increase the retention and graduation rates of underrepresented and financially needy students in engineering, computer science, mathematics, and the physical sciences. DP intends to accomplish its mission through services it offers students and with programs sponsored by outside agencies. DP also works closely with the three minority engineering students chapters: HESO (Hispanic Engineering and Science Organization), AISES (American Indian Science and Engineering Society), and NSBE (National Society of Black Engineers).

MEP was started with $60,000 seed grant from Sandia National Laboratories. The program has developed a full spectrum of comprehensive programs with annual budget of nearly one million dollars. In September 1994, MEP was awarded a $75,000 per year Department of Defense (DoD) grant to create the Minority Engineering, Mathematics and Science (MEMS) Program to include mathematics and science. Although the DOD funding has concluded, the MEMS program continues with the support of the private and corporate sectors. As a result of these efforts, the MEP graduation of minority engineering students has dramatically increased since 1987 to present.

NAPCOE has served Native American students majoring in engineering, math and science for the past 27 years. During the 27 years, approximately 200 students have graduated with Bachelor's, Master's and PhD degrees. NAPCOE's mission is to provide academic support to Native American students majoring in the engineering, math and science fields. Services provided are recruitment, outreach, tutoring, mentoring, scholarships, counseling, study skills class, assistance with internships and monthly socials. NAPCOE provides services to other underrepresented groups as well.

The NASA Training Project (NTP) was established at UNM in 1988. The primary objective of NTP is to produce students who direct their academic preparations toward engineering, computer science, mathematics, and physics and, thereby, become for NASA a pool of qualified, motivated and experienced students capable of conducting NASA's research and promoting its mission in the future. Because of New Mexico's demographics, NTP is in a unique position to support NASA's commitment to "aggressively build a team of highly qualified individuals that is representative, at all levels, of American's diversity.

DP has received funding from several sources to initiate or continue four programs during summer 2002. These include the Summer Transportation Institute (sponsored by the Department

of Transportation), the SHARP PLUS Program (sponsored by NASA), the STAR Program (sponsored by Sandia National Laboratories), and the Diversity Programs' Graduate Bridge Program (sponsored by NSF).

I. NAPCOE

NAPCOE completed another successful year providing student support to Native Americans majoring in engineering, science and math. Since 1975 NAPCOE has recruited, retained, and graduated over 118 students.

Eighteen (18) students graduated during the 2001-2001 academic year-17 engineering and 1 education. Of the 17 engineering degrees conferred, two were master's degrees.

Graduates

Year	Engineering	Math & Science	Other	Total
1999-00	9	7		16
2000-01	11	3	3	17
2001-02	17		1	18

Recruitment efforts included high school visitations to 42 New Mexico high schools and 3 Arizona high schools with high Native American student enrollment. Other recruitment activities were American Indian Student Day sponsored by UNM's Outreach Office and New Mexico Education Council College Days. Outreach activities included hosting high school visits to campus.

The DOD/ONR Grant concluded on September 30, 2001 after eight years of funding. During the eight years, 22 students receive their bachelor's degrees. Seven (7) are scheduled to receive their bachelor's degrees in May, 2003. The DOD/ONR scholarship was highly competitive. Students were required to maintain a 3.0 PA each semester.

DOD/ONR Graduates

Year	Engineering	Math	Science	Total
1998		1		1
1999	1		3	4
2000	3	1		4
2001	4			4
2002	7		2	9

Of these 22 graduates, 9 are in graduate school.

A total of 66 students were funded during the eight years either for a year or five years. Five of the 66 transferred to other universities with another three who changed their majors. The ethnic breakdown of the students served was:

Ethnicity

African American	Asian/Pac. Islander	Hispanic	Native American
2	2	18	44

Retention efforts included tutoring, study groups, mentoring, study skills class, counseling, advising, scholarships, and monthly socials. Tutoring was facilitated by 2 graduate students and 6 upperclassmen covering subjects like math, physics, chemistry, biology, writing, and engineering. The study skills class (Engineering 116) had an enrollment of thirteen (13) students. The class covered topics like team building, study skills, money and time management, and co-ops and internships. The students received information about graduate school (admission process, financial resources, personal/family commitments) from a panel of current Native American students. Students also had the opportunity to meet representatives from industry, career services and UNM departments.

Forty-nine (49) scholarships were administered by NAPCOE. Three of the scholarships required at least a 3.0 GPA while one was based on financial need.

Scholarships

Name of Scholarship	Number of Awards
Navajo Engineering Construction Authority	1
Dept. of Defense/ONR	18
Norfolk State University/CMR	4
NSF CSEMS	2

Average cumulative GPA for NAPCOE scholars and students are as follows:

Average GPA (Cumulative)

Name of Scholarship	Number of Students	Average GPA
Dept. of Defense/ONR	18	3.03
Norfolk State Univ/CMR	4	3.49
Navajo Engineering Cons. Auth	1	3.38
NSF CSEMS	26	2.89

NAPCOE graduate students	4	3.58
NAPCOE undergraduates	56	2.51

II. NASA Training Project

The NASA Training Project has concluded its thirteenth year at the University of New Mexico. The primary objective of NTP is to produce a diverse pool of qualified and experiences students capable of conducting mission in the future. NASA committed $450,200 to the Diversity Programs to ensure that the NTP mission is met.

A. Student Status

NTP has had the privilege over the years of recruiting, selecting, and graduating some of the finest, most talented SEM student in New Mexico. The NASA Scholars are highly motivated and extremely dedicated students who represent the diversity for which New Mexico is known and celebrated. The 2001-2002 NTP program had 104 scholars with the following demographics: Ethnicity -African American: 10, -American Indian 15; -Asian American 8, -Non-Hispanic Caucasian 5, -Hispanic 66; Gender -male 64, female 40; classification -Freshmen 14, -Sophomores 35, -Junior 27, -Seniors 28; Major –General Engineering 3, -Computer Engineering 12, -Chemical Engineering 7, -Computer Science 17, -Civil Engineering 12, -Electrical Engineering 15, -Science 2, Secondary Education 3, -Mathematics 1.

1. NTP Graduates

Three NASA Scholars graduated in Fall 2001, and 16 in Spring 2002. The high standards of NTP and the caliber of students produced are well known. Therefore, the graduates receive employment offers from many of the most reputable corporations in the country and/or are readily accepted into graduate programs.

2. NTP Co-op/Intern Placements

Promoting intern and co-op opportunities at the various NASA Centers has been and continues to be a key component of the NTP program. It is important that as many scholars as possible have the invaluable experience of working with NASA engineers and scientists. At the same time, it is critical that these same NASA employees have the opportunity to witness first-hand what NASA is accomplishing by supporting programs like NTP.

In 2001-2002, one Co-op placement at Langley Research Center was made and 13 interns were placed.

3. NTP Resignations

While every attempt is made to retain all of the NASA Scholars through to graduation, it is not always feasible. For those students who, after careful consideration, discover they are more interested in non-SEM fields, it is important they change majors and pursue whatever careers

they will find most rewarding. In a few instances, the students decide to transfer to another institution and therefore have to resign from the program. There are also those who, for a variety of reasons, are unable to meet the rigorous criteria and must be dropped from the program. In 2001-2002, 25 students were dropped from the program.

B. Component Activities

The 2001-2002 program consisted of five components: (1) Freshman Scholars (2) Mentoring, (3) Education Exposure Project, (4) Engineering Transfer Bridge, and (5) Undergraduate/Graduate Bridge. Within each of these, activities were planned to ensure the effectiveness and success of the components in terms of contributing to the overall goals and objectives of NTP.

1. Freshmen Scholars

The cornerstone of NTP is the Freshman Scholars component. Providing scholarships is essential due to the fact that many of New Mexico's top high school graduates are in desperate need of financial assistance if they are to continue their education. Coupled with this critical financial assistance is an extensive student support program, which is the hallmark of NTP. Information about NTP and applications were distributed statewide by recruiters and via mass mailings to high school teachers, counselors, and NM MESA advisors. Additional recruiting efforts were made during the annual NM MESA/NASA Senior Trip to Kennedy Space Center. Assistance from UNM student chapters of the Hispanic Engineering Organization (HESO), American Indian Science and Engineering Society (AISES), National Society of Black Engineers (NSBE), and Society of Women Engineers (SWE), along with the UNM Admissions and Outreach Office, was also garnered. A new effort involved collaborating with the UNM Scholarship Office. Individualized letters were sent to the SEM students who had applied for the university's two most prestigious scholarships, inviting them to apply for a NASA scholarship. As a result, NTP was able to make selections from an extremely talented and diverse pool of applicants for Fall 2001. For this year, NTP had fourteen freshmen scholars.

2. Mentoring Scholars

The Mentoring Scholars component serves two vital functions. First, it ensures incoming freshmen have a fellow student from day one upon whom they rely for guidance and support. In more and more programs, mentoring is being recognized as a key factor in student success, as NTP has known from years of experience. Second, it provides upperclassmen with an opportunity to reach out to the new students who are following in their footsteps and provide them with the encouragement they need. Perhaps of equal importance to NTP and NASA are the lessons learned from the scholars about the value of mentoring, both as a mentor and a protégé. As they graduate and enter their professions, the scholars will more likely seek out mentors for themselves. They later become mentors, based on their NTP experiences.

3. Education Exposure Project

The quality of pre-college math and science education is critical to NTP and NASA goals. Males and females from diverse racial, ethnic, and socio-economic backgrounds must enter college not only well versed in math and science fundamentals, but also with the desire to pursue math, science and engineering degrees and careers. The Education Exposure component was designed

to have an impact in this arena and was well received by the three 2001-2002 participants. This has proven to be a successful addition to the NTP program and one worth expanding with funds from other sources to complement those provided by NASA. NTP had two scholars participating in this component.

4. Engineering Transfer Bridge

In 2001-2002, the Engineering Transfer Bridge component was comprised of a scholarship and support program with potential SEM transfer students currently attending T –VI or SIPI. The T - VI bridge program had mixed results. While some of the students performed exceedingly well, others did not. Identifying additional students is somewhat problematic because T -VI does not list students by majors. This was an important and essential addition to NTP, however, since at least 50% of all UNM SEM graduates have transfer credit from at least on other institution. T - VI is an important resource and efforts must be made to cultivate it more effectively. NTP has already made inroads by interacting with T -VI administrators, faculty, advisors, and students... Four scholars participated in this component.

5. Undergraduate Graduate Bridge

It has been demonstrated that undergraduate research experiences have a positive impact on student retention and decisions to pursue graduate degrees. This is particularly evident among first- generation college students, which includes many of the NTP scholars. This year, two participants were funded.

IV. Summer Bridge Program 2001

Beginning in 1994, each year a group of incoming freshmen has participated in a four-week, free-of-cost Summer Bridge program in which they live on campus, receive thirty hours a week of instruction in mathematics, English composition and computers, plus eight hours a week of guided math or English study in the evenings. They are also given presentations and demonstrations about various aspects of engineering, mathematics and science (EMS) by UNM faculty and staff. On weekends they participate in organized recreational or cultural activities. A copy of the detailed schedule for the program is attached. The purposes of the program are to help students become familiar with the university environment, giving them a realistic idea of the typical academic load in college and of where they stand academically, while at the same time they make friends and form peer groups which later develop into valuable support networks.

Twenty-eight incoming freshmen participated this year, including 5 Native Americans, 3 African Americans, 16 Hispanics, 2 from India, 1 from Indonesia and 1 from the African country of Uganda. Eight of them, 28%, were female. In past programs we usually have had more than 40% of girls, sometimes above 50%. The program was, however, exceptionally successful in terms of bonding and development of peer groups among all the students regardless of gender or ethnicity, probably the most important goal of the program. In this respect, this year's may have been the most successful of all the programs since the first one in 1994. A major factor in the successful bonding of the group was a two-hour set of get-acquainted mixer games held on the first afternoon of the program, immediately after the initial MEMS orientation. The mixers were conducted by Mr. Ray Pompa, a teacher and athletic coach at El Dorado High School, who very

effectively brought out to the group the importance of cooperation, mutual help and group action during Summer Bridge. The mixer games led by Mr. Pompa were suggested by Norine Meyer, a former member of our staff.

Math is considered the most important part of the academic program, with 10 hours a week of class time plus most of the 8 hours a week of evening guided study. This year for the first time the students took UNM Testing Center math assessment tests both at the beginning and the end of the program. The results were encouraging. Comparing the two tests, 64 % of the students improved their overall scores and 43 % of them qualified for a higher level of math courses than they had qualified for initially. Also, 21% of them will go into Math 162 (Calculus I), while in the past no more than 10-15% of Summer Bridge students have gone directly into Calculus.

Early in the year, we asked the Addison Wesley Publishing House to prepare a made-to-order math textbook for Summer Bridge. The new textbook consists of selected sections of other math books published by that house. UNM is committed to buying 300 copies of the book over a period of two years at a total cost of $5600. Our staff selected the sections (402 pages in total) and obtained approval of the book and a general course syllabus by UNM's Math and Statistics department. A plan was also worked out for the TRIBES and AISS summer programs at UNM to use the same book, each one paying 1/3 of the total cost. This textbook will be an important asset for future Summer Bridge sessions.

The Math and Statistics department was asked to select a math instructor for 2001 Summer Bridge. Also, in consultation with Math and Statistics, arrangements were made for the UNM Testing Center to administer math assessment tests to the Summer Bridge students at the beginning and end of the 4-week program so as to measure the effectiveness of the math section of the program. The closer connections with the Math and Statistics department and with the UNM Testing Center should prove beneficial in the future.

The students also had a class in English composition, with 10 hours a week of class work plus time during the evening study periods as required. The main purpose is to orient the students regarding the challenge of high standards they will have to meet in the required freshman English courses. To that end, they are required to write two papers during the 4-week program and refine them through rewriting as necessary, under the close guidance of teachers and student facilitators. One of each student's papers is published in an anthology of the writings for the year's Summer Bridge. The practice of repeated individual conferences between the teacher and each student to discuss his/her paper and how to improve it produces good results. This year's head teacher, Dr. William Waters, a regular UNM English instructor, is an inspiring teacher and excellent role model The other teacher, Nora Yazzie, also of the English faculty, is a severe, demanding teacher, just like many teachers the students will encounter in college. Several of the students complained about having to re-write their papers repeatedly, but that is just what they need in order to improve their writing.

Seven and a half hours a week of computer instruction emphasized teaching the students how to handle the computer confidently for their own needs and for using the UNM systems and the web. It also covered an overview of various programming systems. Jonathan Atencio, a former

participant of DP programs, was the lead instructor.

V. Report on CSEM – NSF Scholarship Program

The SOE was granted the Computer Science, Engineering, and Mathematics Scholarship (CSEMS) Program to assist two-year students with financial assistance to graduate in two years. The Diversity Program will provide the administrative support to process applications and awards for CSEMS. Students will receive $2,500 per academic year. Students must be Pell grant eligible and maintain a 2.5 GPA, and be a full-time student in computer science, engineering, and mathematics. Engineering and Arts and Science departments will make the nominations. Awards were made during the Fall 2001 and Spring 2002 semesters. For this academic year, 26 students were been awarded scholarships. Dr. Tim Ward, Chair of the Civil Engineering Department is the PI. Nine participants graduated.

VI. Summer Transportation Institute

The Summer Transportation Institute (STI) is a new DP program that was mostly funded by the Department of Transportation through a subcontract with the National Summer Transportation Institute at South Carolina State University. UNM was one of 41 universities and tribal colleges to host the summer institute. STI is an outreach initiative to expose high school students to the transportation industry and the careers it offers. The goals of the institute is to (1) generate awareness of the vast array of job opportunities in the transportation industry, (2) stimulate and excite students to pursue a career in the transportation industry through an academic and hands-on approach, and (3) expose the students to some college skills for a successful university life. Fifteen (15) Native American and Hispanic rising eleventh and twelfth grade students from New Mexico and Arizona attended a four-week residential program. The project began with a parent/student orientation and ended with an awards banquet. The institute was a well-rounded program involving academic, enhancement and recreation components.

The students learned about the history of transportation, different modes of transportation and the various careers involved in the transportation industry. The academic component included lectures by people in industry, field trips to such places as the State Highway office, Federal Aviation Administration, Suntran, the Albuquerque Airport, Belen freight yards, weather bureau, and a train ride to Lamy. The academic component also included a daily one-hour computer class. Under the academic component hands-on activities included bridge building and testing, hot air balloon making, parachute making and testing, and boat making and racing.

The enhancement component was divided into three sections: Getting into College, College Success, and Personal Success in College. The Getting into College objective was designed to demystify the college entrance process and develop the student's organization skills for applying to college. The College Success section was to introduce and reinforce the study skills needed in order to be successful the first year of college. The Personal Success in College section emphasized the student's personal health, welfare and well-being as it relates to life in college. The enhancement section also included cultural enhancement. Students visited the Hispanic Cultural Center and the All Indian Pueblo Cultural Center.

The recreation program included various exercise routines, an orientation about nutrition, and team building. Other sport activities included swimming, basketball, racquetball, flag football, badminton, and running.

VII. Other DP Programs

The Diversity Programs administered several other programs during summer 2002 in cooperation with other agencies. The NASA SHARP PLUS program is an eight week residential program for 20 talented high school apprentices from across the country. The Sandia National Laboratories (SNL) STAR program was also administered by DP and had a structure similar to the SHARP PLUS program except the apprentices were from local high schools. They conducted their research at Sandia. The four-week DP Graduate Bridge Program was designed to inform minority students about graduate school and was funded by NSF through the Minority Graduate Education @ Mountain States Alliance (MGE@MSA) program at Arizona State University. DP also received an Engineering / Computer Science Retention Initiative award from HP.

The goal for the *NASA SHARP PLUS program* is to have the apprentices establish working relationships with active researchers in mathematics, science, and engineering (MSE) fields so they can be convinced to major in these fields when they enter college. The mentors are given an opportunity to expose the SHARP apprentices, mostly rising juniors and seniors, to state-of-the-art research. The mentors frequently rated the apprentices being as capable as their undergraduate students.

The NASA SHARP PLUS apprentices conducted research with faculty, staff, and graduate students. They also attended a computer class twice a week and had many enrichment and recreational activities to keep them busy. The students resided in the Santa Ana Residence Hall during their stay and worked either on the main campus on at the nearby University Research Park.

The SNL STAR program is a research based, non-residential mentorship program funded by Lockheed Martin Corporation and administered and designed by the University of New Mexico College of Engineering and Sandia National Laboratories. The goal of the STAR program is to provide an opportunity for highly motivated, high performing high school students to work closely with world class engineers, scientists, and faculty in a research based summer program. This program enabled students to earn college credit while gaining real world work experience in a technical field. The nine STAR apprentices also attended the same computer classes on Tuesday and Thursday evenings and participated in the same enrichment activities as the SHARP apprentices.

The NSF-funded (through MGE@MSA) Graduate Bridge Program was a cooperative effort between the Diversity Programs and the EECE Department. The program's goal is to interest minority students in pursuing graduate degrees in engineering. The program educates potential and first-year graduate students on the skills set required to succeed in graduate school. Many minority students are not encouraged or are ill-prepared to continue their education. This program will help these students understand the difference between an undergraduate and a graduate education. In doing so, we increase the changes of recruiting and retaining them as

graduate students. Fifteen students, including three from out of state, participated in this summer's program.

HP awarded the University of New Mexico School of Engineering about $180,000 in cash and equipment to redesign two large-enrollment "gatekeeper" courses, CS 151 (C++ Programming) and Physics 160 (Introductory Physics), by incorporating them into an innovative "learning community." Both courses will be linked under a common theme – for example, robotics simulation, and students will learn course concepts while actively applying their knowledge in practical applications (i.e., programming exercises will be used to model some of the physical concepts of robotics). Students will also attend an Introduction to Engineering seminar course in cohorts of 30 where they will use the Wireless Mobile Classroom. The classes will be taught during the Spring 2003 semester.

VIII. Other DP Activities

The Diversity Programs also provides a variety of support activities to accomplish its mission. Apart from specific programs previously mentioned, DP activities include academic support, financial aid, recruitment, fundraising, and administration of certain SOE functions. Below is a description of the activities for the period from July 1, 2001 through June 30, 2002.

A. Academic Support

The academics support activities within the Diversity Programs consisted of organized study groups called Academic Excellence Workshops, Freshman Engineering course E116, and individual tutoring sessions.

1. Tutoring

In the 2001 Fall Semester and the 2002 Spring Semester, 18 students were hired to provide tutoring services. They offered help in pre-algebra, calculus to differential equations, Biology I and II, Physics I to II, Computer Science 151 and 251, Chemistry I and II, biology I and II, and five engineering courses, statics, dynamics circuits I, computer logic design and thermodynamics. An additional eight hours of tutoring per week were provided by eight CSEMS scholarship recipients. Approximately 50% of the tutoring focused on Mathematic courses, 18% on Electrical/Computer Engineering, 10% on Physics, 10% Civil Engineering, 8% Mechanical Engineering , and 6% Computer Science.

DP continued to offer students one-on-one full-time tutoring on a variety of subjects at different levels by a retired engineer of long and varied experience. Because the subjects extend beyond the range of subjects covered by our scheduled study groups, upperclassmen avail themselves of this DP service. NAPCOE offers tutoring by Native American student tutors, for experience has shown that some Native American students feel more comfortable with a tutor who is one of their own.

DP's partnerships with Rio Grande, Valley, and Highland high schools involve scheduled tutoring of their students in math and science by DP students in cooperation with HESO and NTP. Perhaps more important than the tutoring service, our students at the same time serve as

positive role models for the high school students and as proof that minorities can succeed in the challenging studies of engineering and science.

2. Orientation Course

In the fall of 2001, DP personnel taught two Freshman Engineering 116 courses. The goal of the course was to introduce the students to collaborative learning techniques and group study skills. Students receiving financial assistance from the DP are required to take a semester of E-116. This emphasizes the need to study and maintain the required grade point average to renew their scholarship status. Summer Bridge students are encouraged to enroll in the course.

B. Recruitment

The Diversity Programs increased its recruitment efforts from the previous year; effort was spent on recruiting students for programs such as Summer Bridge, STI, and NTP. Tours were also part of our recruitment efforts. In all over 500-site visits/ personal interactions were made.

C. Funding

During Academic Year 2001-2002, DP received the following funds:

NAME	AMOUNT	AWARD
1. WAESO Summer Bridge 2002	$ 25,000.	$ 25,000.
2. NASA Training Program	$450,200.	$450,200.
3. NASA Sharp Plus for 2002 summer Program	$ 49,300.	$ 49,300.
4. National Summer Transportation Institute for 2002 summer program	$ 40,000.	$ 40,000.
5. WAESO Graduate Summer Bridge for 2002	$134,784.	$134,784.
6. Hewlett Packard Mobile Classroom	$180,000	$180,000.
7. Celanese	$ 1,000.	$ 1,000.
8. Intel	$ 18,000.	$ 18,000.
9. Ford Minority Programs	$ 40,000.	$ 40,000.
		$938,284.

D. Financial Aid

The following scholarship were given out during Academic Year 2001-2002

1. Diversity Programs, General Scholarship	5	$ 7,050.
2. Intel	6	$ 28,451.
3. NACME	4	$ 51,826.
5. AMP (Transfer & MESA)	6	$ 2,310.
6. Celanese	3	$ 7,500.

7. GEM Fellowship Program	1	$ 4,666.
8. NASA Training Program	104	$254,254.
		$356,057.

E. Staffing

The following is a list of staff employed in the Office of Diversity Programs during Academic Year 2001-2002.

Director	Robert A. LaFarge
Associate Director	Ursula Bowie
Program Coordinator	Maurice Thompson
Recruiter	Tom Cummings
Program Coordinator	Carolene Whitman resigned 5/31.
Program Coordinator	Carlon Ami
Program Coordinator	Manuelita Beck
Senior Tutor	Marco Romero
Accountant, Senior Admin	Yolanda Sanchez
Administrative Assistant	Doug Williams
Administrative Assistant	Bertilla Toya
Administrative Assistant	Katherine Love
Student Tutors and Assistants (53)	

Engineering Student Programs
July 1, 2001 to June 30, 2002
By Elaine R. Borrelli, Director

Staff and Resource Status:

The ESP office received an allocation from the Dean in the amount of $57,670 for operations, supplies, and services. Additional Funding: $34,450 from FORD Motor Company and $23,400 from the NM State Legislature for the Women in Science and Engineering Program.

Staff Changes:
Deborah Chavez-Kennedy was hired as administrative assistant II. Clarissa Sorenson was hired as a senior academic advisor and is no longer with the ESP Office. Norine Meyer was transferred from the Diversity Programs Office, she is no longer with the ESP Office and her position was returned to the Diversity Programs Office. Beth Isbell Tapley and Manuleta Beck (part-time with WISE) were hired as senior academic advisors.

Major Areas of Responsibility and Achievements:

I. Coordination of Student Services for the School of Engineering

- Department Admissions – Administration, Coordination, Trouble-Shooting and Processing
- Prospective and Certified Graduation – Coordination, Trouble-Shooting
- SOE-Wide Probation and Suspension – Administration, Coordination, Trouble-Shooting and Processing
- Central point of contact and referral for prospective students: phone calls, campus visits, walk-ins
- Liaison with Undergraduate Studies, Outreach Services, Dean of Students, Records, CIRT, other UNM Colleges
- Development of Engineering Student Programs Office WEB Page
- Coordination, Support and Back-Up to department academic advisors

II. School Outreach Activities, Recruiting, and Special Events

- LOBOrientations: Orientation and academic advisement for new beginning freshmen and transfer students: 15 two-day sessions total (summer and winter)
- Expanded LOBOrientations: 4 additional one-day sessions designed to connect freshmen with the School of Engineering. Approximately 110 students attended. Lab tours, team building exercises, and design projects were organized.
- Focused Recruiting and Admission Activities:
  Transfer Students:
  Two-year colleges and branch campus students: Recruitment, academic advisement. 13 one-day sessions.
  Four-year colleges and out-of-state students: Transfer credit evaluations and academic advisement.
  Beginning Freshmen: One-on one meetings with prospective students and parents

- JETS (Junior Engineering Technical Society Competition). An award ceremony and luncheon recognized the regional winners. The following schools placed nationally for their respective divisions.

Schools:

Rehoboth Christian Jr. High School A-Team	1st out of 10
Rehoboth Christian Varsity A-Team	5th out of 17
La Cueva Jr. Varisty A-Team	7th out of 17

- Honor Rolls / Tau Beta Pi Honor Society: compile list and prepare award certificates.
- UNM-Sponsored special events : Star Scholar receptions, Non-Traditional Student Nights, UNM Transfer Days, UNM Athletic Recruitment Programs, NM Regional Science and Engineering Fair, and numerous other events.
- Liaison with UNM College, NM High Schools and Corporate Partners
- Liaison with UNM Student Services: Career Services, Cooperative Education, Registrar's Office, Dean of Students, etc.
- Academic Support to the Office of Undergraduate Studies: prospective Pre-Major students (approximately 300 students) by providing:
  Academic advisement each semester to prepare them for pre-major admission
  Degree progress monitoring
  Evaluation of transfer credits
  Certification and eligibility of degree progress for VA, financial aid, scholarships, etc.

III. **Pre-Major Program:** Full academic and programmatic services for approximately 520 students.

- Jump Start Preview Session for high school seniors. This is designed to preview the departments, faculty and student groups of the School to high school seniors who are eligible for the Pre-Major program so that they will choose UNM
- Orientation Guidebook for Pre-major. The guidebook provides a comprehensive guide to all resources and academic programs of the School.
- Matriculation and Transfer Project (MAT). The MAT project focused on guiding Pre-Major students to gain admission to a SOE department through linkages with department faculty, staff, and student groups as well as detailed degree progress monitoring.
- Degree Progress Tracking. Monitor class enrollment and grades, pre-requisites, etc.
- Student Files. Comprehensive files for each student, tracking academic record, etc.
- Data Base Management of Students
- Pre-Major admissions for beginning freshmen and transfer students
- Certification and eligibility of degree progress for VA, financial aid, scholarships, etc.
- Authorization for Cooperative Education Placements

IV. **Professional Organizations:** Elaine Borrelli continues to serve on the National Academic Advising Association (NACADA) Board of Directors for the term of 2000-2002. Amy Strobel and Elaine Borrelli have both presented at the National and Regional NACADA Conferences. Elaine Borrelli presented at the national ASEE national conference and the national WEPAN conference.

VI. School of Engineering Data

The Student Programs Office is responsible for coordinating School-wide graduation, honor roll, and probation and suspension lists, and providing other student statistics.

SOE Department Statistics
AY 2001-2002 (Summer 2001, Fall 2001, Spring 2002)

Admissions:	Internal (from other UNM Colleges + Pre Major)	
	into Departments	289
	into Pre major	110
	Referrals (transfers or readmits)	42
	TOTAL	441
Admissions Denied:		25
Certified Graduates: All Undergraduate Degrees		191

	SOE Depts.			Pre Major		
	Sum 01	Fall 01	Spr 02	Sum 01	Fall 01	Spr 02
Probation/Suspension						
Admitted on Academic Probation	0	0	0	0	0	0
Admitted on SOE Probation	5	4	0	7	3	4
Suspensions Lifted	-----	2	2	-----	6	4
Placed on Academic Probation	-----	42	1	-----	16	3
Placed on SOE Probation	-----	27	27	-----	62	35
Suspended	-----	15	10	-----	4	9
Continued on Academic Probation	-----	63	2	-----	0	7
Continued on SOE Probation	-----	59	45	-----	40	54
Removed from Probation	-----	25	22	-----	11	26
Honor Rolls						
Dean's Honor Roll	-----	83	100	-----	66	46
School Honor Roll	-----	181	193	-----	263	60

Note: SOE ceased the designation for Part-Time Honor Roll in Spring 2001

VII. Pre-Major Statistics

Expanded LOBO Orientation Cohort
Retention Data for students who attended an SOE Expanded Orientation Session

Retention to 3rd Semester | Retention to 5th Semester | Retention to 7th Semester

	RETENTION TO 3RD SEM		RETENTION TO 5TH SEM		RETENTION TO 7TH SEM	
Beginning Freshman	RETAINED IN SOE	RETAINED AT UNM	RETAINED IN SOE	RETAINED AT UNM	RETAINED IN SOE	RETAINED AT UNM
Fall 1999	76%	82%	60%	78%	43%	68%
UNM Comparison	-----	71%	-----	60%	-----	54%
Fall	65%	79%	51%	76%	39%	67%
UNM Comparison	-----	66%	-----		-----	54%
Fall 2000	76%	86%	56%	77%	-----	-----
UNM Comparison	-----	73%	-----	62%	-----	-----
Fall 2001	67%	82%	-----	-----	-----	-----
UNM Comparison	-----	75%	-----	-----	-----	-----

Cohort Tracking: Pre-Major Beginning Freshmen

	RETENTION TO 3RD SEM		RETENTION TO 5TH SEM		RETENTION TO 7TH SEM	
Beginning Freshmen	RETAINED IN SOE	RETAINED AT UNM	RETAINED IN SOE	RETAINED AT UNM	RETAINED IN SOE	RETAINED AT UNM
Fall 96	61%	78%	41%	65%	28%	55%
UNM Comparison	-----	74%	-----	65%	-----	58%
Fall 97	65%	79%	51%	76%	39%	68%
UNM Comparison	-----	71%	-----	62%	-----	55%
Fall 98	69%	76%	47%	68%	45%	73%
UNM Comparison	-----	69%	-----	58%	-----	53%
Fall 99	64%	75%	47%	68%	39%	62%
UNM Comparison	-----	71%	-----	60%	-----	54%
Fall 00	71%	85%	53%	77%	-----	-----
UNM Comparison	-----	73%	-----	62%	-----	-----
Fall 01	67%	83%	-----	-----	-----	-----
UNM Comparison	-----	76%	-----	-----	-----	-----

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Center for Intelligent Systems Engineering (ISE)

School of Engineering
July 1, 2001 to June 30, 2002
Peter Dorato, EECE Professor and P.I.

1 Introduction

The Center for *Intelligent Systems Engineering(ISE)* is a Category-1 Center in the School of Engineering, funded by NASA Grant NAG2-1480. This grant is a 5-year multiple-year grant, with the first year spanning the period, May 1, 2001 to August 14, 2002. The focus of the grant is to support minority graduate students doing research on NASA related enterprises using intelligent systems and control technology. Previous related funding from NASA was included in NASA Grant NAG2-1196 which supported the Category-2 Center for *Autonomous Control Engineering(ACE)*. Subcontractors on NAG2-148 include North Carolina A&T (NC A&T), New Mexico State University (NMSU), and New Mexico Highland University (NMHU). The grant is administered from the *NASA-Ames Research Center.*

The major research areas associated with this grant include:
1. Cooperative space satellite arrays.
2. Intelligent and cooperative robotics.
3. Vibration supression for flexible space structures.
4. Turbulent flow control.
5. Low-power CMOS circuits.
6. Analog-to-digital converters.
7. Intelligent biomedical engineering.
8. Intelligent image processing.

2 Developments During the Academic Year, 2001-2002

The following is data taken from the *Annual Performance Report* submitted to NASA-Ames, February 27, 2002. This report covers the period, December

16, 2000 to February 1, 2002. During this period of time the grant supported 28 minority undergraduate students and 21 graduate students. The student funding for year-one of NAG2-1480 broke down as follows:

1. Undergraduate students-$43,036
2. MS degree students-$203,261
3. Ph.D. degree students-$100,886

The total number of publications (journal articles and conference papers) published was 55. Details may be found in the *NASA Grant NAG2-1480 Annual Performance Report for Year-One* (of second 5 years). A site visit from NASA/Ames occurred May 1, 2002. A supplement of $200,000 was added to the original award of $1,000,000, bringing the total for the first-year award to $1,200,000. The grant officially terminated April, 30, 2002, but a no-cost extension was requested until August 14, 2002 to allow sub-contractors to complete their expenditures.

3 Plans and Recommendations for the Near Future

As of November of 2002, no word has been received from NASA on the status multi-year grant NAG2-1480, the first year of which terminated August 14, 2002. Also no word has been received on the payment of expenses incurred in the "bridge" period, December 16, 2000 to April 30, 2001. This gap in funding from NASA resulted from delay in NASA approval of NAG2-1480(ISE) when the previous grant, NAG2-1196(ACE), had terminated December, 16, 2000. In March 7, 2002, the UNM Office of Contract and Grant Accounting sent an invoice (No. 3-19511-4) to NASA-Ames indicating that expenses for the bridge sub-period, February 1, 2001 to April 30, 2001 amounted to $103,206.93. However no word has been received from NASA on the payment of these expenses, the bulk of which were for support of students during the Spring 2001 semester.

Due to the lack response from NASA on the status of the contract for the second year (of the 5-year multi-year award), funds were not available to cover faculty and students salaries during the summer of 2002, even though work

was performed on the Grant. Also all staff members had to be terminated. At the present time, the status of year-two is uncertain and all activities have been terminated, until some word is received from NASA.

4 Appointments to Faculty/Staff

The following faculty received support during the academic year 2001-2001:

1. Timothy Ross (Co-PI,CE-UNM)
2. Peter Dorato (PI, EECE-UNM)
3. Walter Gerstle (CE-UNM)
4. Mo Jamshidi (EECE-UNM)
5. Ron Lumia (ME-UNM)
6. Randal Truman (ME-UNM)
7. Nader Vadiee (EECE-UNM)
8. Peter Vorbieff (ME-UNM)
9. Abby Homaifar (EE-NC A&T)
10. Jaime Ramirez (EE-NMSU)
11. George Zirilic (Eng.-NMHU)

The following staff were added to the center, effective May 1, 2001:

1. Sandi Moening (Administrative Assistant III)
2. Kevin Kinser (Accountant III)

5 Separation of Faculty/Staff

All faculty ceased to receive support after May 1, 2002. All staff were officially terminated July 13, 2002.

6 Publications

As noted above, 55 journal articles and conference papers were published, related to this grant. For details, see the above cited *Annual Performance Report.*

2002 NWNM REGIONAL SCIENCE AND ENGINEERING FAIR

ANNUAL REPORT TO

UNIVERSITY OF NEW MEXICO

ADVISORY BOARD

JUDGE CHAIRMEN AND ASSISTANT CHAIRMEN

CORPORATE SPONSORS

STUDENT PARTICIPATION, JUDGING, AWARDS, OPERATIONS

The 43rd Annual Northwestern New Mexico Regional Science and Engineering Fair was held at the University of New Mexico on March 14, 15, 16, 2002.

Dedication of Fair - The 43rd Annual Fair was dedicated to Dennis Spanogle; Mr. Spanogle began his volunteer service in 1980 while employed by Hewlett Packard. He was instrumental in obtaining financial contributions from Hewlett Packard, as well as computers and mark sense card readers used in the judge scoring process. Mr. Spanogle implemented the first automated database and awards assembly script for the Fair. He has worked during the last 20 years of the Fair managing and running the judge scoring process. Mr. Spanogle spent everyday this year in the Science Fair office, and many late hours at home writing computer programs to redesign the entire operating system for the Fair. Dennis feels his reward is contributing in a small way to the great students and dedicated teachers involved in the NWNM Regional Fair.

PARTICIPATION

NWNM Regional Science and Engineering Fair includes all Albuquerque public, private, parochial and home schools including the outlying areas of Belen, Bernalillo, Moriarty, Los Lunas, Mountainair, Placitas, Jemez, Indian Pueblo Schools, Estancia, Algodones, Edgewood and Rio Rancho.

Statistics

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991
Senior Exhibits	179	145	120	128	123	133	154	137	139	128	117	120
Junior Exhibits	555	605	677	614	581	552	570	540	515	516	537	487
Total Exhibits	734	750	797	742	704	685	724	677	654	644	654	607
# Of Participants	819	834	885	803	766	792	835	737	729	644	654	607
Teachers	530	300	200	185	173	175	158	150	151	147	162	155
Schools	133	84	73	75	71	69	68	66	64	83	68	69
Judges	340	360	360	350	352	341	350	329	328	338	331	300
Team Projects	72	86	76	61	54	97	94	60	66			

Participation Levels Continue to Increase Due To:

High Visibility in the Community
Newspaper and Television Publicity
Newsletter mailed to families of all past exhibitors
Teacher Workshops
Middle School Student Workshop
Mentor Program in the High Schools
Growth of the Team Projects Category
Special Awards of cash, savings bonds, scholarships, plaques, etc.
Teacher Awards.

JUDGING

Approximately 710 community volunteers from businesses, industries and educational institutions served as judges at the 2002 Fair

360 Regional Judges
350 Special Award Judges

24 Judge Chairs and Assistant Chairs in charge of the 14 scoring categories
New Chairs & Assistant Chairs
Microbiology – Cheryl Pulaski
Team – Diana Melendres
Physics – John Reno

Approximately 6-8 projects assigned to each judge

Quality of judging seems to be on target if the results of the State and International Fairs prove to be a true indicator of our success

Scoring

Kim Kleyboecker once again assisted Dennis Spanogle with scoring program this year.
The third year of the new scorecard runner process developed by Dennis Spanogle to get the initial ranked list of projects delivered to the Judge Chairs before the start of the final caucus was very successful again this year. Runners were used to speed up the process of reading cards through the card readers.

Overall Effectiveness of Scoring Program

Allows implementation of ISEF scoring guidelines requiring each student to be judged in the categories of Creative Ability, Scientific Thought, Thoroughness, Skill, Clarity. Computer automatically adds weighted values required by ISEF to each of the judging categories.

Scoring allows every judge to record his/her decisions and judgments. Caucusing process provides the tool to change, override, and fine tune the selection of the top winners.

Invaluable to Science Fair staff for backing up judging decisions when unhappy parents call to inquire why a student was not sent to the State Fair. Principals, teachers, and individual students get summary and/or individual results mailed to them in the form of a computerized report

RESULTS OF STATE AND INTERNATIONAL FAIRS

New Mexico State Science and Engineering Fair

169 exhibits (188 exhibitors) selected from NWNM Regional Fair as representatives to the State Science and Engineering Fair at New Mexico Tech in Socorro - April 12, 13, 2002.

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Senior Div.	51	50	41	36	27	30	30	32	37	34	37
Junior Div.	118	133	144	118	79	73	80	78	81	76	76

Awards Won at the State Fair

Senior Division

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
First	5	7	3	4	3	4	6	8	9	5	10
Second	7	3	4	2	6	7	5	4	3	9	5
Third	3	4	4	2	2	0	3	7	5	4	2
Honorable Ment.	18	13	13	9	9	11	7	4	10	8	9

Junior Division

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
First	9	5	8	7	6	6	5	8	10	8	7
Second	5	5	8	6	6	3	8	5	6	3	7
Third	7	4	5	5	4	6	6	6	7	3	6
Honorable Ment.	18	14	18	17	15	11	15	12	24	12	11

Special Awards Won - Senior and Junior

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Senior and Junior	111	118	109	86	91	90	91	90	122	101	75

Intel International Science and Engineering Fair

7 exhibitors from the NWNM Regional Fair were selected to attend the International Science and Engineering Fair in Louisville, Kentucky, May 12-18, 2002. All seven of these students exhibited their projects. No alternates were selected to travel to the International Fair this year.

Awards Won at International Fair

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
ISEF Finalists*	6	7	6	4	4	5	6	5	5	6	9
First Place	1			0		0	0	0	1	0	1
Second Place		1		1		0	1	1	0	0	2
Third Place	1			0	1	1	2	1	2	1	0
Fourth Place	1	2	2	0		0	0	2	1	0	2
Special Awards	3	3	2	0	1	3	3	11	2	12	7

* FROM NWNM REGIONAL SCIENCE FAIR

OPERATIONS

Gym Set-Up and Operation, Open Houses, Security

South Gym used again this year. Junior and Senior projects all in one gym. Gym is at maximum capacity for projects.

Rodey Theater was reserved for the Fair this year to handle the expected growth in the number of participants in the Fair. We did not have to use it this year, but probably will need it for next year due to expected increases in the Senior Division from Rio Rancho High School.

Physical set-up of tables, registration and operations on the gym floor ran like clockwork under the supervision of Marshall Floyd.

Leisure Services student employees set up all tables and hung the banners in the gym. Tables used included 100 owned by the Regional Science Fair and 100 owned by the Physical Plant. The remaining tables were rented from Disco Display.

The UNM Physical Plant handled all electrical setup under the supervision of Carol Volbrecht.

Open Houses were well attended.

Security was handled by UNM Leisure Services. An extremely organized and pleasant group of people. This group saved Science Fair a considerable amount of money for security.

FUND RAISING

UNIVERSITY OF NEW MEXICO provided operating budget of:

2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
$99,092	$93,459	$78,651	$75,912	$70,006	$70,006	$57,872	$55,786	$55,786	$54,000

CORPORATE AND INDIVIDUAL MONETARY CONTRIBUTIONS
(List of contributors attached)

Corporate and individual contributions

2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
$66,016	$57,200	$57,435	$59,375	$50,239	$44,717	$42,625	$33,546	$23,750	$14,288	$12,705

Funds used for:

Cash awards and certificates to First, Second, Third Place winners in each category

Outreach Programs - mentor program, teacher workshop, student workshops

Scholarships

Cash award to top Junior Division exhibitor

Sponsorship of 4 exhibitors and 3 teachers to the International Science and Engineering Fair

Pins, ribbons, certificates awarded to exhibitors and teachers.

Event expenses - hall rental, security, physical plant, food, table purchase, video slide production, signs, banners.

IN-KIND DONATIONS

Albuquerque Journal
provided all publicity

Bohannon Huston, Inc.
provides approximately 8,000 pages of copying

Dee's Food Service
donated cheesecakes for judges

Frontier Restaurant
Donated meals for all volunteers

KOB TV
Donated Robin Marshment for Awards Assembly

NEW BENEFACTORS FOR 2002 FAIR

Emcore
Catherine Buck
Amgen
Roger Durham-Ikon
Elaine and Robert Foreman
Lisa Dicharry
Hilda Floyd

SPONSORED CATEGORIES

Behavioral & Social Sciences - Albuquerque Journal
Biochemistry - Lovelace Health Systems
Botany - Native Plant Society, Albuquerque Chapter
Chemistry - Philips Semiconductors
Computer Science - Intel
Engineering - Science Applications International, Corp.
Environmental - Public Service Company of New Mexico
Mathematics - Association of Old Crows
Medicine & Health - UNM School of Medicine
Microbiology - Lovelace Health Systems
Team - Sumitomo Sitix Silicon, Inc.

SPECIAL AWARD DONORS (153 Award Donors)

New Award Donors - 2002 Fair

David & Annie Olson Memorial Awards
Betty's Bath and Day Spa
Scalo Northern Italian Grill
AMEC
AARP Andrus Foundation
Benton P. Cummings & Jules W. Marron, Sr. Memorial
Science News
Enchanted Gardening Award
Yanni's Mediterranean Bar & Grill
Louis & Melissa Martinez, Public Works

Application Process for Award Donors

The application process for all Regional Science Fair Award Donors states the mission of each donor, the award criteria, the judging criteria and a non-discrimination clause. The forms for each donor will be

renewed every five years. The forms were reviewed by a special committee appointed by the UNM Associate Provost.

OUTREACH PROGRAMS

MENTOR PROGRAM

Mentor program grew from a pilot program in two high schools in 89-90 to nine high schools in 90-91 and in 92-93 was opened to all high school students within the NWNM region. Area also included a few students from other regional science fairs in the state who were in need of assistance not available in their communities.

One high school was selected as the site for a meetings for the 01-02 school year - Sandia High School . Students from all high schools may attend any of these meetings. Teams of mentors and approximately students worked in small groups to discuss ideas for science fair projects.

Ten students applied for the program and were matched with a mentor to meet individually.

A database of 125 volunteer mentors has been established.

Mentor program steering committee members are:
Al Toepfer, Science Applications International, Inc.
Bill Nenno, Sandia High School
Bill Galey, UNM Medical School
Andrew Rutkiewic, American Chemical Society
Randi Buck - Science Fair

Program is evaluated on an annual basis

TEACHER WORKSHOPS

Teacher Workshop and Teacher Outreach Programs for 2001-02 school year
Science Fair Teacher Workshop – October 24, 2001
Sponsored by The NWNM Regional Science and Engineering Fair

42 Middle and high school teachers attended from public, private and parochial schools

Workshop was held at Randi Buck's house

Workshop presenter was Diane Kraus, Madison Middle School. Workshop included hands-on science activities, how to do science fair, and materials available for classroom use.

NM Museum of Natural History Teacher Open House held in September 2001. NWNM Regional Science and Engineering Fair set up a booth and distributed Science Fair materials

Three teachers attended the Science Fair Middle School Student Workshop held on September 22, 2001 to learn how to present a workshop at their individual schools.

STUDENT WORKSHOPS

Middle School Student Workshop held on September 22, 2001 at Johnson Gym, UNM

Approximately 80 middle school students attended

Workshop involved taking measurements, collecting data, assembling backboards and presenting results for Judge Chairmen. How to Create a Science Fair Project from start to finish.

8 Corporate volunteers (Judge chairs & teachers) served as planners and facilitators for the workshop

20 former Regional Science Fair winners served as student assistants in the group break-out sessions

3 teachers attended to participate and learn how to present a workshop at their individual schools.

TOURS OF THE UNIVERSITY OF NEW MEXICO

Tours of the University of New Mexico School of Engineering are provided for parents, students and teachers. These tours are extremely popular.
Year 2002 tours included:

Laser Show, Mr. Leigh Terry & Spanky, Electrical & Computer Engineering
Lego Robots, Dr. Gregory Starr, Mechanical Engineering
Electro-Magnetic Can Crusher, Leigh Terry, Electrical & Computer Engineering
Chemical Engineering Lab, Dr. Richard Mead

CHEMISTRY MAGIC SHOW

THE Chemistry Magic Show was organized by Dr. Ed Walters and Dr. Dana Brabson.
Very popular - 800 attended.

JUNIOR ACADEMY OF SCIENCE PAPER COMPETITION

A paper competition for students in grades 6-12 held in conjunction with the Regional Science Fair.

Dr. William Chambers served as Director and organized the competition this year.

Regional Science Fair office handles room reservations, video equipment rental, printing of rules and entry forms for teachers, and provides sandwiches for judges during the actual competition.

Students are chosen to compete at the State Paper Competition sponsored by the New Mexico Academy of Science.

Students receive cash awards.

SCIENCE FAIR GUIDE BOOK

"Your Guide to Science & Engineering Fair Projects: From Idea to Exhibit" sponsored by the Public Service Company of New Mexico.

Classroom sets of the guide continue to be distributed by the NWNM Regional Office.

CORPORATE AND ORGANIZATIONAL BOOTH SET-UP

A great success! The 12th year of professional displays

10 Booths were set-up for display and staffed by official representatives

Association of Old Crows
Native Plant Society
NM Educational Assistance Foundation
Sandia National Laboratories
Science Applications International Corporation
Society of Neuroscience, NM Chapter
Summer Science Camps/Camp Invention
UNM Outreach Services
UNM School of Medicine
Explora Science Center & Children's Museum

AWARDS BOOKLET

Continues to be an excellent public relations tool to attract students and new award donors.

Booklet included letters of congratulations from President Gordon, Governor Johnson, Senator Domenici and Bingaman, Congresswoman Heather Wilson, and Mayor Martin Chavez

Booklet also includes ads which help pay for cost of printing the Booklet.
16 full-page ads
2 half-page ads
4 business cards

AWARDS ASSEMBLY

An overall success

Official representation at Awards Assembly

Robin Marshment - KOB TV 4, presenter of awards

Tom Grossman - presenter of awards
Colorado Springs, CO

Dr. Harald Schone, U.S. Air Force Research Labs - presenter of awards

Dr. Linda Meyers Schone, AMEC – presenter of awards

Corporate representatives from

Association of Old Crows
PNM
Science Applications International
Native Plant Society, Albuquerque Chapter

Intel Grant

Intel Foundation approved a "Statewide Grant" submitted by the NWNM Regional Science and Engineering Fair in the amount of $10,000. The NWNM Regional Science Fair distributed the funds as follows:

1) NWNM Regional Science & Engineering Fair - $2,500 for Category Sponsorship of Computer Science.
2) NM State Science & Engineering Fairs - $2,500 for Category Sponsorship and travel expenses for International Science Fair.
3) San Juan Regional Science & Engineering Fair - $1,000 for travel expenses for International Science Fair.
4) NENM Regional Science & Engineering Fair - $1,000 (same as San Juan)
5) Four Corners Regional Science & Engineering Fair - $1,000 (same as San Juan)
6) SENM Regional Science & Engineering Fair - $1,000 (same as San Juan)
7) SWNM Regional Science & Engineering Fair - $1,000 (same as San Juan)

The intent of the request and award was to disburse the funding Statewide for regions having sponsorship difficulties.

PNM Grant

PNM Foundation approved a "Statewide Grant" submitted by the NWNM Regional Science & Engineering Fair in the amount of $14,000. PNM disbursed the funds as follows: $8,000 to the NWNM Regional Science Fair and $1,000 each to NENM, SENM, San Juan and Four Corners Regional Fairs.

Each region used the money to send one student to the International Science & Engineering Fair. The NWNM Regional Fair used the money to sponsor the Environmental Category, to print the booklet "Your Guide to Science & Engineering Fair Projects: From Idea to Exhibit" and for postage to mail the booklet statewide.

Annual Report
2001-2002

Evening and Weekend Degree Programs and The Office of Associate Provost for Academic Affairs

Submitted By:

David E. Stuart
July 1, 2001-June 30, 2002
(This Office's 15th Annual Report)

Part I: Basic Goals and Accomplishments

AY 01-02 was a very difficult year for this office. We are seriously over-assigned and under-staffed. Duties include, creating a new Museum Studies Program, Urban Agenda, Graduation Project, Evening Weekend Degree Programs, complete reorganization of Summer School and oversight of KUNM Radio, UNM Press and UNM Art Museums (Main Campus Art Museum, Harwood/Taos, and Jonson Gallery). These duties were engaged with three regular staff plus workstudy labor.

1. Evening and Weekend Degree Programs

Enrollments for Evening and Weekend Degree programs increased modestly. Credit hours generated Evening and Saturdays in AY 01-02, were 92,688 SCH, an increase from AY 00-01 of 90,574. As has become the norm, Evening and Weekend Degree Programs in 01-02 generated nearly $4.5 million (in profit) which are retained by the Provost and used to fund day-time academic programs.

Objective:

Increase enrollments in AY 02-03 and renew / reorganize three-year funding awards for AY 03-06. Special emphasis to be placed on practical masters degrees at night/weekend for New Mexico students.

2. UNM Press

Under the direction of Luther Wilson, UNM Press continues to improve its fiscal performance markedly. At years end, (June 31st) it was one of two University Presses' in NorthAmerica to post a current operating surplus (about $57,600). This sum was matched by VP Weaks-Gutierrez, and reduced the negative fund balance by over $115,000. Unfortunately it was necessary to lay-off approximately half a dozen employees of the Press and reorganize Sales and Marketing functions, in order to maintain fiscal solvency.

Objective:

Continue to operate in the black year-to-year and find ways to pay down the $1.7 million debt more rapidly than negotiated (11 years) with the University.

3. **KUNM-Radio**

KUNM Radio was reassigned to me from Associate Provost Richard Holder. It is operating in the black and regularly winning awards (see paragraph below taken directly from the director's current annual report).

"For the sixth year in a row, KUNM was named 'Best Radio Station: in the readers' poll conducted by the Weekly Alibi. The station was also recognized as the best in New Mexico in a reader's poll by NM Woman magazine. The Associated Press named KUNM New Mexico's "Station of the Year" for 2001.

Objective:

Continue to operate in the black and continue to take a leadership role in public radio in New Mexico.

4. **UNM Art Museums**

The University Art Museum, Jonson Gallery and the Harwood Foundation were transferred to this office in early Fall 2000. **The Harwood.** When the last annual report was tendered Robert Ellis had announced his retirement on July 1, 2001, Mr. Charles Lovell assumed the directorship on a long-term basis. The Regents approved the conversion of $120,000 in Harwood's Foundation account to debt reduction, so Mr. Lovell began his tenure with the Harwood's books in balance. Happily, they remain so. Mr. Lovell has done an excellent job of fundraising and re-invigorating academic activities at the Harwood.

University Art Museum and Jonson Gallery. Linda Bahm continues as interim director of the University Art Museum. The Jonson Gallery now reports directly to her and is in the process of being integrated into the Art Museum's overall program. The Jonson has a small debt approximately $18,000 which it plans to extinguish over the next two years. As of July 1, the University Art Museum was in the black, but temporarily closed in order to accommodate construction of a new HVAC system which will maintain environmental control for the collections.

Objectives:

All three museums are prospering and, as requested, are heavily involved in the development of a campus-wide Museum Studies Program. The second objective is to continue to expand the kinds of community projects they support.

5. Summer School 2002

Re-organizing Summer School from the ground-up to create a themed "Summer in the Southwest" and meet the Provost's goal of a renaissance in the Summer term was a massive undertaking, fraught with risk. Nonetheless it was successful. In cooperation with Continuing Education, our office created a new Summer Schedule of Classes, reduced the number of courses offered from 609 to 570 and initiated the University's first ever integrated marketing campaign for Summer School.

Results.

The Summer decline in credit hours was reversed by the above actions, credit hours increasing from 39,372 to 39,860 and individual student headcount increasing from 8218 to 8270. While these gains were modest, they reversed a four-year trend in enrollment declines -- declines attributable largely to huge UNM tuition increases -- and generated a savings of 14.5% in the overall Summer budget. The increased enrollments and the fiscal efficiencies together yielded an additional 15.7% of Summer funds which were captured to create regular AY graduate assistantships for 18 New Mexico students. Those monies will be transferred to Deans in January 2003 for freshmen entering Fall '04. Please note that Summer School made an additional profit of about 105%. These monies are retained by the Provost and fund other programs/activities. Therefore, the Summer School '02 overall profit margin was approximately 120%.

Objective:

Continue to proceed with this new model and per the Provost's request, focus on meaningful programs and continue to squeeze out as much profit as is profitable.

6. Urban Agenda

We continue to make progress on the Urban Agenda, a broadly interdisciplinary/multi-disciplinary program. Museum Studies program is currently under development and funding proposals to make it a permanent part of UNM's curriculum was sent to the Provost on November 12, 2001. Due to lack of resources in the Provost's office, no action was taken and we have been asked to seek outside funding from grants/foundations.

In addition, this office authored a legislative request to support Post-baccalaureate Teacher Licensure Institutes for the College of Education and funded on an interim basis three such institutes in Spring 02 and Summer 02 from EWDP and Summer School funds.

7. The Graduation Project

See prior annual reports for narrative explanation of this project.

By the end of Spring term 2002, **827** of our contacted students had actually **graduated.** These are even more spectacular results than previously, when compared to predictions based on national studies. The Regents remained supportive and have refunded the tuition assistance (TAP) portion of their endowment in the amount $98,000 for fiscal 2002-2003. We again thank the Regents for their support.

Objective:

We have substantially exceeded our original (1997) goal of eventually graduating 400 to 500 students from among UNM's former dropouts. Our new goal is to have graduated 900 students by Summer's end 2003.

8. Summary

This was another year of substantial activity in sustaining the Associate Provost's large portfolio of assignments. A few administrative changes were made in our office. Leanne Gideon left our staff in May. Our work-study students, Olivia Odell and Kathy Smalley graduated and left our office. Tandy Freel continued with our office and Chris Bustos was our new workstudy student addition. In May, Carol Lamborne--a graduate student in Anthropology, began an assistantship with Anthropology. To repeat verbatim from previous reports "our greatest challenges continued to be generally soft enrollments, especially in Summer School and on Saturday's, and in getting the Academic Departments who have received funding for EWDP courses to actually offer the required courses they have promised in return for monies committed. This is a constant, tedious struggle that ought not be necessary".

Part II: Opportunities for the Future

1) Press on with the Graduation Project; 2)continue to improve enrollments for the newly reorganized Summer School; and 3) in Fall '02 we will begin to restructure EWDP programs and make awards for the next three years.

Part III: Staff and Affirmative Action

Most of last year's staff continued with the addition of Anne Marie Nacke.

Publications

1. Office

   a) The EWDP Brochures were handed out with our bi-annual delivery of Schedule of Classes to small businesses.

   b) As before, Spring and Summer/Fall combined Schedules of Classes were published in cooperation with the Registrar's Office. Every student who took an Evening or Saturday class in any of the last three academic semesters were automatically mailed a Schedule of Classes. As before, the Registrar and this office are co-publishers of UNM's Schedule of Classes twice annually. Once again, we included a three-year table of all the core required courses promised for the 45 different degree programs receiving EWDP funding. Those core courses were printed as a separate section at the rear of the Summer/Fall Schedule of Classes and outlined required courses from Fall 2000 to Spring 2003.

   In addition to the combined Summer/Fall Schedule of Classes, our office created a separate Summer Schedule. It was published with the help of Continuing Education to highlight the new "Summer in the Southwest" (TM) theme and a web page was designed as well. This schedule was mailed to prospective out-of-state and international students as well as continuing UNM students. "Summer in the Southwest"schedules highlighted special projects and due to its success, it was decided by the Provost, henceforth, that there would be only one Summer Schedule of Classes instead of the combined Summer/Fall Schedule.

   c) Radio Ads. Stuart and his consultant, Emily Gorin, expanded our radio and television commercials to market UNM to evening and returning students. Approximately, **400** radio ads aired during the time this report covers and a new television ad for evening graduate students appeared. Both of these initiatives were targeted at building enrollments.

Part V: Outside Activities

This year, Associate Provost Stuart finished a new anthropology book (The Guaymas Chronicles) and delivered it to UNM Press for publication in June 2003. In addition, he delivered approximately 15 public lectures on his book, *Anasazi America* which was published in June of 2000. Those lectures were given in Colorado, California, Arizona, New Mexico and at the Sorbonne in Paris. At many of these lectures Stuart passed out both undergraduate and graduate applications for admission to UNM. Stuart also continues to teach one course per semester in UNM's Department of Anthropology.

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College of Fine Arts

The University of New Mexico

Annual Report

2001-2002

Christopher Mead

Interim Dean

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OVERVIEW OF THE COLLEGE OF FINE ARTS, 2001-2002

The 2001-2002 academic year was one of significant transition for the College of Fine Arts. A coincidence of factors and events made it necessary for the College to review its internal management and procedures, even as it actively planned for the future within the framework of the university's recently adopted strategic plan.

During the course of the academic year, the College of Fine Arts experienced extensive change at the senior administrative level. In June 2001, Dean Thomas Dodson retired from the college and was replaced on an interim basis by Dean Christopher Mead, while a search for the new permanent dean was conducted by the university; this search resulted in the selection of Dean James Moy, who will arrive in January 2003. The subsequent resignations in October 2001 of both the College Academic Administrator, Kate Downer, and the College Development Officer, Sara McClure, led to college searches that hired Paula Holub as the new College Academic Administrator in November 2001 and Andrea Bromberg as the new College Development Officer in March 2002. Concurrently, searches conducted through the Provost's Office confirmed the appointments of Steve Loza as Director of the Arts of the Americas Institute and Professor of Music (interim starting January 2002; tenured starting January 2003) and Maria Williams as Associate Director of the Arts of the Americas and Assistant Professor of Music (hired annually since 2000; tenure-track starting August 2002). Ed Angel, Professor of Computer Science with a joint appointment in Media Arts since 2002, was appointed Director of the Arts Technology Center in August 2001, while a search confirmed the appointment of Danae Falliers as the Associate Director of the Arts Technology Center (hired on an emergency basis in 2000-2001

and on a regular basis in May 2002). The result of these searches was to stabilize previously uncertain positions in the Arts of the Americas Institute and the Arts Technology Center, which had been without formal directors until 2001, working instead under the college dean as their acting director.

The cumulative effect of these changes was to provide the College with the opportunity to review and, where advisable, revise its existing operational structures and procedures. The Arts of the Americas Institute and the Arts Technology Center, previously combined in one account under the Dean's Office, were given separate accounts and separate responsibility for managing their own operations and budgets. Under the direction of Paula Holub, staff management of the Dean's Office was reorganized, reporting procedures of departments to the Dean's Office were streamlined and clarified (with greater emphasis on accountability and delegation), and college-wide budget planning was made more transparent through the consistent application of fiscal and formatting criteria. Since her arrival in March 2002, Andrea Bromberg has initiated a systematic overhaul of her development office, including the reclassification of her support staff from a Development Coordinator to a Development Assistant, the reorganization of office filing and reporting procedures, and the ongoing formulation of a new long-term development plan and strategy for the College of Fine Arts. The result of these reforms has been to clarify the structure of the college as eight interdependent teaching and research units, each with its own chair or director, but working under the common leadership of the dean: the four Departments of Art and Art History, of Music, of Media Arts, and of Theatre and Dance are complemented by the Arts of the Americas Institute, the Arts Technology Center, the Bainbridge Bunting Memorial Slide Library, and the Tamarind Institute.

One factor driving this consolidation and clarification of college administration was the discovery, during the course of Fall 2001, of several growing deficits within the College, including one in the Dean's Instructional Contingency. While the immediate, and painful, consequence of this discovery was a necessary freeze of many faculty searches then under way, the longer-term and beneficial consequence of these deficits has been to make everyone in the college aware of the need for greater fiscal accountability and responsibility in the planning and management of budgets. By the end of the 2001-2002 academic year, the deficits had been comprehensively tracked, their causes accurately accounted for, and plans had been put into place for their systematic elimination. At the same time, the deficits demonstrated in a dramatic fashion the danger of expanding programs solely with the limited resource of allocated funding. It thus made clear the obligation of the College actively to pursue outside funding, both through public grants and private gifts, and this realization has in turn moved the College as a whole towards a policy of coherent grant and development planning, coordinated by the College Development Officer and supervised by the Dean's Office.

The College of Fine Arts is now well-positioned to move forward under the leadership of the incoming Dean Moy. As is detailed in the reports of the individual units, this continues to be a College characterized by its creativity, commitment, energy, accomplishment, and distinction.

COLLEGE AWARDS AND GRANTS

Research/Creative Work Grants. For the twelfth year, gifts from the Dean's Circle and support from the Office of Research made it possible to assist College of Fine Arts faculty and staff in their research, creative work and career enhancement initiatives. Funded in 2001-

2002 were research and creative work proposals submitted by Steve Barry, David Craven, Kathleen Jesse, Keith Lemmons, Mickey McConnell, Jocelyn Nevel, Scott Ney, Mary Tsiongas and Baochi Zhang; development grant proposals submitted by Cindy Abel-Morris, Margery Amdur, Virginia Baich, SteveBlock, Bradley Ellingboe, Michelle Evans, Ramsey Lofton, Kristen Loree, Ellen Cullough-Brabson, Karl Malivuk, Kent Alan Parker Joyce Szabo received a 2 year grant from The Arts Technology Center.

Awards. Christopher Shultis, professor of music, was named Regents' Professor in the college and Cynthia Robinson, assistant professor of art and art history, was names the Regents' Lecturer. Jennifer Predock-Linnnell, professor of dance, was named "Outstanding Teacher of the Year". Elen Feinberg, professor of art and art history was selected as UNM Presidential Teaching Fellow.

Student Awards. The following is offered as an indication of student excellence in the college. Colin Gunckel, Media Arts, and Dana Pennebaker, Art Studio, were awarded the Albuquerque Journal Scholarship. Daniel Herbert, Media Arts, and Geoffrey Wood, Theatre, received the Charles Edward Brown and Katherine McBride Brown Scholarship. Kelly Byers, Media Arts, was awarded the Glen T. Simpson Scholarship. Alana Herrera, Media Arts, was awarded the Charis Ann McKelvey Memorial Scholarship. Melissa Henry, Music, received the Ana Chavira Award.

ACADEMIC PROGRAM

Enrollment. Table I portrays SCH enrollment comparisons for fall semesters during the ten-year period 1992-2002. While college enrollment declined somewhat following the peak in 1991, the trend has reversed in the last four years. Table II indicates that the number of students majoring in college programs remains quite high.

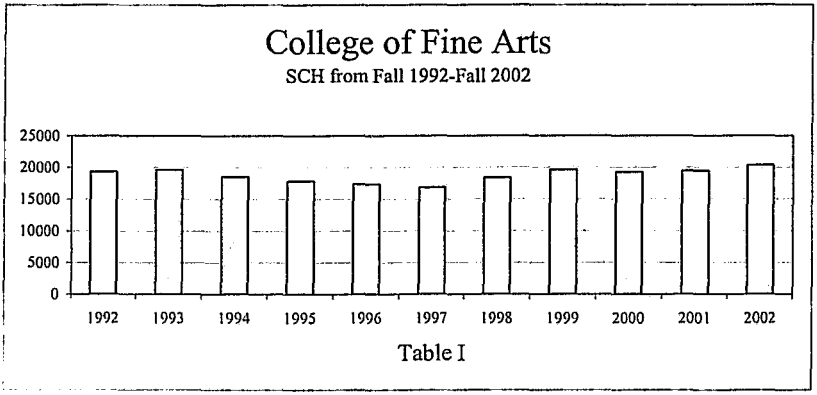

Table I

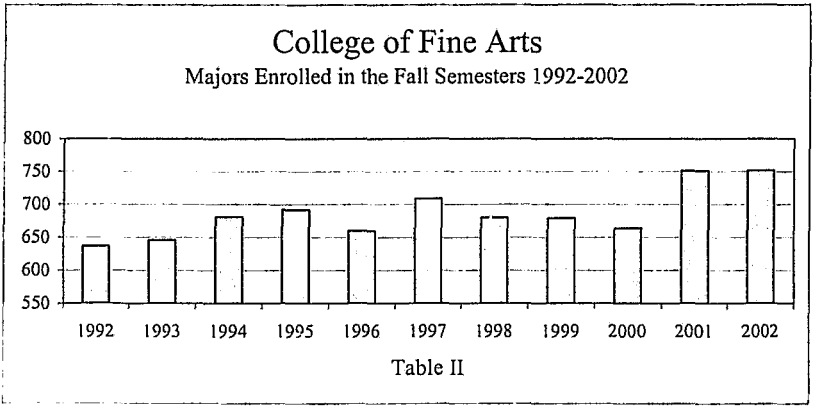

Table II

Degrees Awarded. Table III presents data representing degrees awarded by the college during the ten-year period 1991-1992 to 2001-2002. The recent trend indicates a steady growth in the number of degrees awarded.

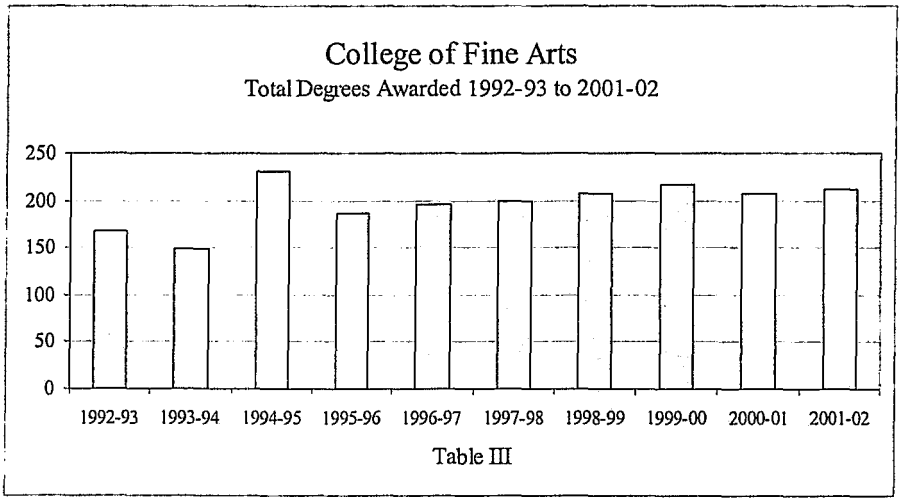

Table III

DEVELOPMENT

Submitted by Andrea Bromberg, Development Officer

The Development Office has been in a transitional period this last year. A new development officer, Andrea Folk Bromberg, started her leadership of the CFA development operations in March 2002. She has been spending much of her time meeting college faculty, staff, alumni and donors. In addition, she has been busy learning about the Albuquerque arts community and meeting the leaders of many of its arts organizations to discuss potential collaborative projects and joint funding opportunities.

In assessing the needs of the development office, Andrea decided that the other position in the office should be reranked to that of a development assistant, focusing more on administrative support than on additional fundraising responsibilities. Jennifer Campbell was subsequently hired in September 2002. She has brought strong organizational, computer and editing skills to the position. Andrea and Jennifer are developing systems to make the Development Office's operations more efficient and effective to better serve both its internal and external constituents. Much effort has also been devoted to strengthening the support groups for the college such as the Alumni Chapter, Friends of Dance, Friends of Music and the Advisory Council of the University Chorus. Each of these groups has been encouraged to rethink their organizational structure and fundraising efforts, with the advice and support of the development officer. A new fundraising event, Breakfast for the Arts, sponsored by the Alumni Chapter and supported by the Development Office, was initiated. The goal of the event is to reenergize the Alumni Chapter, promote the work of the College to the broader community and to raise funds for the Chapter's activities and scholarship fund. The development officer is also working closely with the Board

of the Robb Trust to identify major funding sources to add to their endowment, thereby allowing for greater support of the Composers' Symposium.

Andrea has worked closely with Dean Mead on a number of projects at the major gift level, including the securing of important financial support for the Land Arts Program, several large bequests and laying the groundwork for other significant gifts in support of the academic programs in various departments. For example, the initial goal of $40,000 for the Kurt Frederick Memorial Music Fellowship was completed through some aggressive fundraising efforts and the use of a large bequest, with the help and support of Dean Mead and Steve Block, chair of the Music Department and some key volunteers/donors.

The Development Office is on track to meet its fundraising goal for 2002-2003. Even more importantly, the development officer is working closely with the College's chairs and directors, Interim Dean Christopher Mead and incoming Dean James Moy to help set college and departmental/program strategic priorities and create plans to gain the needed financial support for these priorities. A series of "Meet the New Dean" events is being planned to introduce Dr. Moy to current and potential donors in Albuquerque, Santa Fe, Taos and other parts of New Mexico. In addition, plans are also being created to start a national Dean's Advisory group and to hold cultivation events in cities throughout the country.

OUTREACH

P.L.A.C.E. - Partnership Learning for Art, Culture & the Environment

Submitted by Ramsey Lofton, Program Coordinator

Background: The CFA Chairs and Directors, on October 17, 2001, approved *P.L.A.C.E.*—a new

student-centered and community-based arts initiative. This program initiative was developed in response to community and college perceptions regarding the nine-year performance history of the CFA Outreach Program. After identifying emerging student and community interests seeking an expanded role for the arts in a community service capacity, recommendations were made to research current trends in community service learning (CSL) in higher education. The basis for the *P.L.A.C.E.* program initiative came from interviews with faculty, students and community members; a comparative survey of exemplary higher education models of CSL practice in the arts; defining an "arts relevant" approach to integrate the goals of UNM's Strategic Direction.

The Chairs and Directors' approval for the *P.L.A.C.E.* program initiative granted a three-year period beginning July 1, 2002 and extending through June 30, 2005. Following the approved three-year development plan, the program's revised mission principles are integrated into program development activities that include: educating and advocating CSL curriculum reform; developing a College service-minded community; building "artistic" interdisciplinary partnerships across UNM's Schools and Colleges; promoting the arts as a central agent to a community's cultural and economic development; employing equitable community relations strategies to promote partnership with UNM's College of Fine Arts.

Attached is a bulleted list of the 2001-2002 preliminary re-organizational and development activity accomplished.

Program Re-Organization and Development Activity

Re-Organization:

- Program Initiative Approved October 17, 2001 by Chairs and Directors
- First Year Program Budget Approved March 25, 2002 by Chairs and Directors
- Technology Upgrade made Fall '02
- *P.L.A.C.E.* Volunteer Advisory Board Established Spring '02
- Hired a Graduate Assistant for the academic year '02/'03

Program Development:

- Authored "CFA Program Position on Community Service Learning and the Arts" and disseminated to: Christopher Mead, Interim Dean; James Moy, In-coming Dean; Nancy Usher, Associate Provost; *PLACE* Advisory Board; select community arts orgs.
- Designed "Creative Communities" Workshop (4 hour and 1 Day)
- Piloted "Creative Communities" Workshop at Hera Educational Foundation, Rhode Island – Fall 2001.
- Designed "Arts and Community Service" Student Forum (PR, Student Speakers, Forum Activites)

UNM Community Relations Networking Contacts:

- Office of University Advancement: Dolores Gonzalez, Program Manager
- School of Architecture: Alf Simon, Ph.D. Director of Landscape Architecture and Professor Mark Childs
- School of Engineering: Tim J. Ward, Chair of Civil Engineering
- College of Education: Paul Miko, Ph.D., Director, Master's International Program

Community Relations-Off Campus:

- City of Albuquerque's Cultural Plan – Advisory Board
- Albuquerque Arts Business Association - Board of Directors, Committee Chair of Education
- Harwood Art Center, Albuquerque – Advisory Board
- AC2 Gallery – Board of Directors
- Hera Educational Foundation, Rhode Island – Board of Directors
- WERC Design Contest Judge Spring 2002 (First interdisciplinary judge)

NM Community Relations Working Contacts:

- **New Mexico Arts – Office of Cultural Affairs: Anne Wiseman, Program Coordinator for NM Rural Arts Initiatives; Carol Cooper, Program Coordinator for Community Arts**

- WERC – Environmental Education and Research Consortium: Abbas Ghasemi, Ph.D., Executive Director; Deb Thrall, Ph.D., Professional Development Program Coordinator
- City of Aztec: Erik Aune, City Planner; Uma Krishnaswami, President of NW NM Arts Council; Terry Nichols, Chief Interpreter-Aztec Ruins National Park; Jim Peters, Assistant Curator, Aztec Museum.
- NM Arts Council Site Visits: Truth or Consequences, Silver City, and Aztec

Grant Submissions:

- WERC Invitation to submit interdisciplinary arts environment proposal – Dec., 2001
- SEED Grant – January 2002
- EPA/India International Program – April 2002
- Urban Enhancement Trust Fund – May 2002
- National Endowment for the Arts Rural Arts Initiative – May 2002

ADMINISTRATION

Dean of the College

Christopher Mead, professor in the Department of Art and Art History, as interim dean of the college for the 2001-2002 academic year.

Appointments to Staff

Andrea Bromberg, Development Officer ** 3/02
Jennifer Campbell, Development Assistant ** 9/02
Paula Holub, Academic Administrator ** 11/01

Resignation to Staff

Kate Downer, Academic Administrator ** 10/02
Mary Garcia, Development Coordinator ** 6/02
Sara McClure, Development Officer ** 10/02

Professional Activities and Awards

Stacy Heimer, Accountant II
- Courses completed
  - Finished MBA Anderson School of Management – 12/2001
  - Mgt 711 Management of Technology & Innovation
  - Mgt 798 Strategic Management
- Continuing Education
  - Advanced Access
  - Intro to Access projects
  - Relational Database Design
- Human Resources
  - Budget Training
  - Career Development
  - CIRT Workshop (Mulberry)
  - Payroll Training
  - Performance Review
- Campus Organizations
  - Accounting Networking Group (Co-Chairperson)

Ana Marie Mower, Administrative Assistant II
- Continuing Education Workshops:
  - Computer Graphics Fundamentals
  - Advanced Work 2000

Advanced Topics in HTML
Intro to Access Data Base Projects
Volunteer Activities:
Choir
Jug Band

Ann Marie Ornelas, Senior Academic Advisor
Honors:
University College Outstanding Advisor Award
Campus Organizations:
Advisor Network
Advisor Council
Human Resources:
Conflict Management
Myers-Briggs
Outside professional activities:
Conference -- New Mexico Advisors Association
(at New Mexico State 10/2001)

Susan Thompson, Administrative Assistant to the Dean
Volunteer Activities:
Onaté Elementary School PFO--various committees
Campus Organizations
Deans' Assistants Network
PCSAD

Angela Torrez, Administrative Assistant II
Courses completed – UNM
OLIT 391 Problems
OLIT 420 Creativity and Technical Design
OLIT 421 Production and Utilization Instructional Materials
OLIT 436 Culture and Discourse
OLIT 472 Training Techniques
OLIT 483 Instructional Applications: Computer Training
Human Resources
Understanding FRS Reports
Honors:
Dean's List – Fall 2001
Honor Roll – Spring 2002

College of Fine Arts Staff Committee

ANNUAL REPORT

Academic Year 2001-2002

The following staff members were elected to the CFA Staff Committee for the Academic Year 2001-2002:

Kathy Belle-Isle, Art and Art History
Sasha Needham, Chair, Bainbridge Bunting Slide Library
Karl Malivuk, Dean's Administration Unit
Stephanie Eberhard, Media Arts
Fred Sturm, Music
Patricia Montano, Theatre and Dance
Tamarind Institute, vacant

Sasha Needham was elected chair after the Staff Committee's first meeting in August.

Upon recommendations made by the CFA Staff Committee, the following staff members agreed to serve a one-year term on the CFA standing committees listed below:

Dean's Advisory Committee
Sasha Needham, Bainbridge Bunting Slide Library

Committee on the Fine Arts Library
Sasha Needham, Bainbridge Bunting Slide Library
Karl Malivuk, Dean's Admin Unit

Committee on the Slide Library
Fred Sturm, Music
Patricia Montano, Theatre and Dance

Proposal to Change CFA Policy on Professional Development Workshops

After a serious miscommunication resulted in the cancellation of a workshop that the Staff Committee had worked hard to put together, the committee wrote and submitted a proposal to change the way the Staff Committee organizes professional development workshops. Prior the committee was required to plan each workshop and then submit it to the Dean and Chairs & Directors for approval to allow staff to attend. The new policy gives the Staff Committee the right to plan up to six hours of professional development workshops for staff each

semester, without needing to seek anyone's permission. The Staff Committee had the full endorsement of Interim Dean Christopher Mean and the Doers Committee (Department Administrators). The proposal was unanimously approved by Chairs & Directors at their February 7, 2002, meeting, and put into effect immediately.

Advanced Mulberry Workshop

On December 17, 2001, the Staff Committee organized an Advanced Mulberry workshop as a follow up to a basic Mulberry workshop that had been very popular the year before. Rosemary Barrett at CIRT conducted the workshop. Eleven staff members signed up for the workshop, and response was positive.

Annual Holiday Party

On December 19, 2001, the Staff Committee organized the annual CFA Potluck Holiday Party in the Keller Hall Green Room. Attendance was high, and a good time was had by all!

CFA Staff Listserv

The CFA Staff Listserv was established in 2000, and this year the Staff Committee put it to great use. It was the committee's primary form of communication with the CFA staff. In an effort to unify the College community and our neighbor's who reside in the Center for the Arts building, the committee invited the staff of the University Art Museum, and the Fine Arts Library to join the listserv. The committee also wished to invite the staff of Popejoy to join the list, but did not find a contact person there to suggest it to.

Dean's Search

Spring semester 2002, the Staff Committee's primary focus was on the CFA Dean search. The committee took the lead in encouraging staff participation by working closely with Susan Thompson to organize and publicize staff meetings with each of the candidates who were brought to campus. The committee used the staff listserv to disseminate information when ever possible, and to encourage staff feedback on each candidate. Staff participation was high as CFA staff are dedicated and understand the importance that the new Dean will have on their lives within the College.

Meeting with Incoming Dean

The final act of the 2001-2002 CFA Staff Committee was to meet with the incoming Dean. On Friday, July 26, 2002 the committee met with Dr. James Moy. Specific issues were not addressed, as Dr. Moy does not become Dean

until January 2003. The meeting was aimed at being an introduction to Dr. Moy of the Staff Committee and it's role within the College.

Respectfully submitted August 16, 2002, by Sasha Needham, Chair, CFA Staff Committee

The Report of the Department of Art and Art History
July 1, 2001 - June 30, 2002
Joyce Szabo, Chair

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I. GENERAL DEPARTMENT INFORMATION

A. Administrative Introduction, Overview, and Achievements

During the academic year 2001-2002, Joyce Szabo continued as the Department's Chair and Patrick Nagatani as the Associate Chair. Jim Jacob also continued as Graduate Director.

The Department began the year low on faculty in Art History. The two Art History searches we conducted the previous year, one for a Spanish Colonialist and the other for a second specialist in Native American Art History, had both been collapsed due to an insufficient number of qualified candidates. In addition, Holly Barnet-Sanchez was on a year-long sabbatical and Geoffrey Batchen was on leave during the fall semester. Joyce Szabo was on a slightly reduced teaching load and Christopher Mead was not teaching due to his commitments as Interim Dean of the College of Fine Arts. It was a difficult year for Art History.

Three searches were conducted by the Department during the year. All three were in Art History with both the searches for a Spanish Colonialist and a Native Americanist from last year begun again. The third search was for a specialist in the History of Print Media. By late in the first semester, the Department had been told it would need to collapse one search because the College of Fine Arts was in significant debt and there

was not adequate funding for all of the searches the departments of the College were conducting. We waited until the closing date for applications and, at that time, cancelled the Spanish Colonialist search because of a limited number of applicants. Thus, we continued with the Native Americanist and Print Media searches. In both cases, three candidates were brought to campus. The Print Media position was successfully completed with Susanne Anderson-Riedel to join the faculty in Fall 2002. However, the Native Americanist search was once again cancelled, this time because another review of the budgetary problems of the College of Fine Arts revealed that there simply was not funding for this person's salary.

At the close of Spring semester, Geoffrey Batchen, our specialist in the History of Photography, submitted his resignation to take a position at CUNY's Graduate Center. The Department will only be able to search for two of the open Art History lines during the coming year. Spanish Colonial will once again be a focus, with the position now open to the possibility of hiring with tenure. The second search will be in the History of Photography, with the Native Americanist position put on temporary hold.

In January, the Studio Art faculty held a retreat as a prelude to a Department-wide retreat to be held in the Fall of 2002. The larger retreat was strongly encouraged by the Fall 2000 Outside Graduate Unit Review

team who saw a particular need for the Studio faculty to meet to address curricular problems. Discussions begun at the Studio retreat were further explored by Area Representatives throughout the Spring, again as an organizational step vital before the full departmental retreat. The Art History faculty will hold its own retreat early in the fall 2002 semester also as a prelude to the full departmental retreat scheduled for November 2, 2002.

Staff turnover was heavier than usual with three different people holding the position of Graduate Advisor during the year and three also holding the position of Administrative Assistant I. The end of the academic year also found the Department searching for a new accountant.

Graduate applications were up from last year in all areas except 3-D. The increase was particularly significant in both Photography and Art History. Only Art History accepted significantly more applicants than it had the previous year.

In March the Department was notified that we had been awarded $30,000 from the Henry Luce Foundation for their American Art Dissertation Research Awards. The money is to be used to support our most promising doctoral candidates preparing dissertations on topics in American art history. We had received an initial $25,000 grant from the

Henry Luce Foundation in 1997. The Foundation feels that the use that we have thus far made of its money and the promising results suggested by our doctoral students merited this additional funding.

Changes in Curriculum and Programs of Study

New courses were introduced during the year as the Electronic Arts curriculum was developed under the leadership of Mary Tsiongas. The Land Arts of the American West semester-long series of courses began a three-year pilot phase collaboration between the Department of Art and Art History at UNM and the Department of Art and Art History at the University of Texas at Austin. Land Arts is being partially supported by a generous operations grant from the Lannan Foundation. The program is built on the importance of place and understanding landscape in the creation of art from pre-contact Native American to contemporary Euro-American arts. It is an interdisciplinary, studio-based, field- study series of courses to be offered during fall semesters. Bill Gilbert, Professor of Art at UNM, and Chris Taylor, Assistant Professor of Design at UT, are the faculty members in charge of the exciting new program.

Public Programming

This was the first year for the reorganization of the Gale Memorial Lecture Series with a portion of the funding being used for a unified set of lectures built around a theme and the remainder of the funds divided among the

Department's areas to bring individual speakers to campus who would address each area's concerns. All lectures were, of course, open to the public. The new system seemed to work to everyone's satisfaction with the main series of three visiting specialists in Persian painting a stellar grouping organized by Cynthia Robinson.

Facilities and Equipment Funding

The Department received $125,000 to continue the renovation of the third floor of the Mattox Building. That amount was sufficient to complete the heating and cooling systems and the restroom facilities. More funding next year will finally allow at least a portion of the third floor to be used as studio space for graduate students.

Additional renovation took place in the Small Metals lab on the first floor of the New Art Building where ventilation in the soldering area was increased and updated through funding from SHEA. During the summer of 2002, the Photography area, also on the first floor of the New Art Building, received a major facelift and renovation as well.

The Department received $17,399 in general equipment funds which were dispersed to various areas of the Department for equipment purchases and upgrades. Additional funding for equipment came from a one-time use of extra money from the paper closet which allowed much-needed

purchases by each area. Student technology funds continued to be used to purchase computers, software and peripherals for the computer lab and classroom use as well as to fund some on-line slide reviews for Art History through the Bainbridge Bunting Memorial Slide Library.

1. Graduate Office

The new academic year brought significant changes to the graduate office. J.J. Martinez was hired to replace Mitzi Vigil, the academic advisor who resigned during the summer to take a position in the private sector.

After the first week of classes, an accident placed the Director of Graduate Studies on medical leave.

The director returned to work in November. At the end of the semester, J.J. Martinez submitted her resignation to accept a higher-grade position elsewhere on campus.

After the first week of classes we were fortunate to have Jadranka Matic join the staff. Jadranka's former position was with the Records Office and she brings a wealth of university experience to this position.

There have been a number of changes in our program brought about by the actions of OGS and our own curricular evolution.

The Faculty Senate had approved an extension from 5 to 7 years in the time limit allowed for the completion of the M.A. degree. The department had decided to maintain the 5-year limit. It was felt this would encourage our students to complete this program in a timely fashion. The net result of the changes is that petitions for an extension of the time limit, if less than 7 years, are now handled internally.

The Faculty Senate Graduate Committee, at the insistence of the Provost, is now working to expand the Graduate Unit Review to include undergraduate programs. Although no final proposal has been submitted there are a number of concerns regarding the impact this will have on the evaluation of graduate programs and how such a review will be conducted and overseen.

The Faculty Senate also approved the transcripting of the designation "distinction" on the official transcript of those students awarded this honor. A new examination form, now

used for all graduate examinations, was created to record the committee members' recommendation on "distinction." The department chairperson makes the final decision. Since the implementation of this new transcripted designation, four students have graduated with this honor.

With the hire of a faculty member to teach electronic media, we now have two new graduate-level courses in that area. These courses were formerly taught as topic courses and will continue to provide study in an increasingly popular and important area of studio art.

The faculty approved Electronic Media as a new area of the department. New graduate students will not be accepted directly into the area. OGS has concerns over the appropriateness of a one-faculty-member area offering a graduate program emphasis. Graduate application descriptions will now state that "the department encourages applications in new media, mixed media and electronic media, but these students must designate and apply to either one of the following 4 areas: 3-D, P/D, PM or Photo."

Members of a number of departments and the university's

museums completed work on a new Graduate Museum Studies Minor and Certificate Program proposal for presentation to the Provost. Our request for support from the Provost was denied. The Provost does not have any additional funds to support this effort.

As expressed in last year's annual report, the graduate office is still concerned about graduate instruction in shop foundations. Questions remain regarding the oversight of the TA teaching this workshop, the workshop's curriculum, and what access to facilities this gives our students. These important issues become more critical as we prepare for the occupancy of the third floor of the Mattox building.

The Mattox renovation is critical to the program and our interest in having a studio space for each of our studio graduate students. Space assignments will be problematic as requests for specific assignments outweigh the number of available spaces. Painting and Drawing students will continue to have priority in Annex first-floor assignments as these spaces were designed to meet their needs. Printmaking and Photo students will be accommodated as best as possible.

Although grateful for the additional space, there is a concern about how two graduate facilities physically distant from one another will affect the interaction among our students.

We are pleased to announce that the last student enrolled in our old MFA dissertation program will be graduating. All our current studio students will be working on a single-track program that requires an exhibition, catalog and public talk.

The graduate website continues to evolve. The website will become a more important component for the dissemination of information as the graduate office is now directing all inquiries to the site. We hope this will reduce our mailing and copying costs and provide students with a more complete and informative description of our program. The website is our most important recruitment tool.

Jim Jacob
Director
Graduate Office

2. Committees/ Programs/ Organizations

a. Advisory Committee

The 2001-2002 Advisory Committee was comprised of elected faculty members Martin Facey, Yoshiko Shimano, Cynthia Robinson, and Flora Clancy. Department Chair Joyce Szabo appointed Steve Barry. In addition to the elected and appointed members of the committee, the Associate Chair, Patrick Nagatani, was also a voting member.

Ex-officio members included Joyce Szabo, Department Chair; Babs Baker, Department Administrator; Jim Jacob, Graduate Advisor; Mickey McConnell, Undergraduate Advisor; Linda Bahm, Interim Director of the University Art Museum; and Josef Diaz, Graduate Students' Representative. Martin Facey was elected Chair of the Committee.

As a body that performs as a permanent executive council representing the entire department and not particular areas, the Advisory Committee advises the Chair of the Department, makes recommendations, and serves as a

forum in which faculty, staff, and student concerns can be voiced and considered. Over the course of the 2001-2002 academic year, the advisory committee addressed the following topics:

Travel Requests

UNM Art Museum Schedules

UNM Museum Directorship Vacancy

Faculty Searches

Mattox Building Renovations

Graduate Unit Review 2001-2002

UNM Strategic Plan Report

Art Academy of Prague Exchange

Woodward Endowment

Amending Department Constitution

ICES Evaluations

Gale Memorial Lecture Series

Sommers Gallery Security

Museum Studies Program

Workload Report Simplification

Implementation of Electronic Arts Area

Land Arts Program

Studio Curriculum Retreat

Provost's Open-Faculty Tax Line

Reorganization of 3-D Area

Paper Closet Funds

Student Course Fees

CFA Minor in Experiencing the Arts

Henry Luce Foundation Funds

Art Dissertation Research Funds

Fine Arts Library Relocation

Travel-Request Form Simplification

Faculty Leave Policies

CFA Dean Search

Martin Facey
Chair
Advisory Committee

b. Computer Committee

Members of the 2001-2002 Computer Committee were: Mary Tsiongas, Chair; Jim Stone; Jocelyn Nevel; Baochi Zhang; Matt Tuttle; Brian Kimura, Lab Manager; and Mario De La Huerga, from the college's computing staff. The committee discussed and approved purchases of equipment and supplies for the Computer Lab, decided on policy for the graduate students and the graduate equipment

currently housed in the Computer Lab, and dealt with security issues. Because of two thefts that occurred in the Fall semester, the Lab was secured with a cipher lock and an alarm system. The Department expanded its computing capabilities and the lab is now better organized.

Mary Tsiongas
Chair
Computer Committee

c. Gale Memorial Lecture Series and Other Lectures

This eighth year of the Gale Memorial Lecture series was the "trial run" of the new format - dividing the funding between departmental areas, with one core series of two or three consecutive related lectures. Cynthia Robinson was the organizer of the core. The theme was Persian painting during the years between 1400 and1650, which arguably witnessed some of the most significant developments in Persian painting and aesthetics. The production of images was raised from the status of a skill to that of an art; it was codified, criticized and theorized, and developed as a self-consciously intellectual practice with significant parallels and connections to other art forms such as poetry, architecture,

and philosophy. This period corresponds, in the "western" canon, to the "Renaissance" and "Baroque" periods, equally key in the development of modern discourses surrounding the production and reception of images. The two developments and their products are traditionally studied separately, yet it might be argued that image production, criticism and reception develop in Persian and "Western" contexts in broadly similar ways. Each of the three speakers brought to campus has contributed significantly to broadening the scope of the study of Persian painting, advocating an engagement of the cultural context of paintings, patrons and wider audiences. Each, moreover, has demonstrated in her or his work a concern with bringing this body of work and its aesthetic concerns into contact, comparison and interchange with a "Western" canon of art history, still barely aware of its existence, in the hopes of pointing future scholarship toward fruitful comparative study.

Oleg Grabar opened the series on Thursday, 4 October. Oleg Grabar is the former Aga Khan Professor of Islamic art and architecture in the Department of History of Art and Architecture at Harvard University, and Professor Emeritus of the School of Historical Studies at the Institute for

Advanced Study in Princeton, New Jersey. Grabar's work throughout his career has insured that the field of Islamic Art History would assume a place within the larger critical discourse both of Art History and the humanities at large. Many of his publications, particularly *The Alhambra, The Formation of Islamic Art* (Yale, 1987), *The Mediation of Ornament* (Princeton, 1992), and *The Shape of the Holy* (Princeton, 1996), have also brought the study of Islamic Art to a much larger public. He has recently published *Mostly Miniatures: An Introduction to Persian Painting* (Princeton, 2000). His presentation was entitled, "On the Interpretation of Two Persian Miniatures of the Sixteenth Century (a.k.a., 'Camp or Palace?')." His lecture was designed to introduce viewers to both the materials - which, to many may have been unfamiliar - and to some of the problems of attribution and formal issues, and problems of "iconography" and content, particularly in relationship to the texts which Persian literati of the late 15th and 16th centuries were discussing, and the relationships of these texts to the elite culture which produced the primary patrons of the arts.

The second lecture was given by David Roxburgh on Thursday, 14 November. David Roxburgh is Associate

Professor of Islamic Art and Architecture in the Department of History of Art and Architecture at Harvard University. Roxburgh is the recipient of numerous fellowships and awards from foundations such as the Center for Advanced Study in the Visual Arts, the Getty Trust, and the Foundation for Iranian Studies (Best Dissertation, 1996). His recently published book – *Prefacing the Image: The Writing of Art History in Sixteenth-Century Iran*, (Brill, 2001) - represents a significant contribution to (and re-orientation of) the field. Roxburgh's latest work has sought to define 15th- and 16th-century Persian art on its own aesthetic terms. The title of Professor Roxburgh's presentation was "Linquistic Regress, or How Do We Talk About Persian Painting?" Using a mixed bag of hermeneutic tricks (among them, comic books), he critiqued the traditional academic discourse surrounding Persian painting, which views it alternately as "handmaid to the text," or as "purely decorative."

Sussan Babaie was the third and final lecturer in the series; she spoke on Wednesday, 28 November. She is Assistant Professor in Islamic Art in the Department of History of Art at the University of Michigan. Her research is concerned with the interpretation of Persian painting in the dramatically

changing social context of the early modern era. She has written, together with other prominent scholars in the field of Iranian Studies, *Slaves of the Shah: New Elites of Safavid Iran* (forthcoming, I.B. Tauris, 2002), and has a book manuscript in preparation, entitled, *Feasting in the City of Paradise: Isfahan and Its Palaces.*

Professor Babaie's presentation was entitled, "Considering the Consumer: Persian Painting and its Transformations in the Early Modern Period." Her focus was the viewers for whom these images were produced. Professor Babaie examined some of the striking changes in the tastes, education and social constituency of Persian painting's public[s], which are contemporary with the development of the images themselves, in other words, as in the "West." The demands and expectations of a class of consumers, now conscious of itself as one of "art appreciators," strongly informed the production, distribution and interpretation of images in Persia during the period in question. In addition, both Roxburgh and Babaie visited the Art History 331, Early Renaissance Art Class.

Cynthia Robinson
Director
Gale Memorial Lecture Series

Other Lectures

Gale Funds were provided to areas of the department for guest lecturers and artists. In November, the Printmaking Area invited Claudia Bernardi as guest artist. Bernardi is a printmaker, art educator, and human rights activist. She gave a lecture on her work and a printmaking demonstration. Also in November, the 3-D Area invited Mary Jo Bole to lecture on her work. Bole is an internationally acclaimed artist whose monumental sculptures and installations combine post-industrial sensibilities, images from life, obsessive hand labor, densely layered surfaces, and an appreciation for cross-cultural belief systems and memorial gardens.

In January, the Electronic Arts and 3-D Areas co-sponsored Jon Rubin. An interdisciplinary public artist, Rubin gave a lecture/slide presentation on his work as well as a talk in one of the 3-D classes.

In March, the Photography Area presented a lecture by visiting artist Scott Rankin who spoke on his work. Rankin's work was recently chosen for inclusion in the Whitney Biennial and he also recently produced a video installation

for the Hong Kong Film/Video Festival.

Art History and the History Department co-sponsored a visit by Duke University Professor and noted historian and author, Annabel Jane Wharton, who lectured on "The Possession of the City through its Images from Medieval Relics to Theme Parks."

In April, the Painting and Drawing Area presented a visiting artists' symposium at the University Art Museum. Included in the symposium were Patricia Bellan-Gillen who is a printer and printmaker, and holds an Endowed Chair at Carnegie Mellon University; Jack Ox, a New York-based conceptual, installation, and sound artist; Carol Prusca, Assistant Professor at Florida Atlantic University who is a painter, and installation artist; and Jed Irwin, a painter, and mixed-media artist and Professor at The University of Calgary. The speakers discussed their own work and participated in the spring graduate review process. The Photography Area also invited renowned photographer Karen Glaser who lectured on her work and provided critiques of students' work.

In November, the department chair provided contingency

funds to partially sponsor Graham Parkes who gave a lecture titled "The Eloquent Stillness of Stone: The Role of Rock in the Japanese 'Dry Landscape' Garden." Other UNM sponsors included the Departments of Philosophy, Foreign Languages and Literatures, the College of Arts and Sciences, and the UNM Asian Studies Committee.

Medieval Studies Lecture Series

The Department of Art and Art History provided support to the Institute of Medieval Studies for its spring lecture series "Medieval Italy: Gateway to the Modern World." Guest speakers and their lectures included Lester K. Little, Director of the American Academy in Rome and Professor of History at Smith College, "A Tale of Two Hundred Cities" and "Carrying Wine in Northern Italian Cities"; Christopher Kleinhenz, the Carol Mason Kirk Professor of Italian and Chair of the Medieval Studies Program at the University of Wisconsin-Madison and the editor of *Dante Studies*, "Dante's Divine Comedy: Poetry, History, Time and Reality"; Monica H. Green, Professor of History, Arizona State University, "*Mulieres Salernitiane*: The Medical Practices and Reputations of the Women of the Twelfth Century

Salerno"; William Tronzo, Professor of Art History, Tulane University, "Giotto and the Arena Chapel: The Invention of Drawing" and "The Capella Palatina in Palermo and the Image of Medieval Italy"; and John W. Barker, Professor Emeritus of History, University of Wisconsin-Madison, "Another Italy: The Ambiguity and Mythology of Medieval Venice."

d. Outreach

The Printmaking area organized two outreach projects with the Albuquerque Academy Visual Arts Department. UNM Relief Printing students collaborated with Drawing III students at the Academy to create large 96" x 36" woodcut prints. UNM Lithography I and II students collaborated with the academy's Drawing and Painting II students to design, print, and sell holiday cards. The profits of close to $300 were donated to the international humanitarian aid group Doctors Without Borders.

3. Exhibitions

a. John Sommers Gallery

The director of the John Sommers Gallery was Kathleen Jesse. This year we hosted five undergraduate student Honors Thesis exhibitions and ten graduate student MFA exhibitions. Additionally, we showcased the work of students produced during the D.H. Lawrence Ranch Summer Program and a graduate "Small Works" exhibition curated by the graduate Art History students.

We are in the process of converting the back room of the Gallery into a video room for the students. This should be operational early next fall.

The exhibitions for the 2001-02 year included:

Jeanette Hart: Honors Thesis, Sculpture

Small Works Exhibition: MFA Graduate Students

D.H. Lawrence Exhibition

Dave Shorey: MFA, Painting

Jessika Harrell: Honors Thesis, Mixed Media

Shawn Warrick: Honors Thesis, Painting

Kathleen Robbins: MFA, Photography

Marty Fahlen: MFA, Photography

Andy Mattern: Honors Thesis, Photography

Krista Charles: MFA, Sculpture

Brian Chankin: Honors Thesis, Photography

Glenn Kawabata: MFA, Photography

Myra Greene: MFA, Photography

Wendy Flory: MFA, Painting

John Mann: MFA, Painting

Sarah Spengler: MFA, Photography

Kathleen Jesse
Director
John Sommers Gallery

b. Jonson Gallery: Student Exhibitions, Awards and Presentations

Exhibitions and Presentations

New Graduate Student Exhibition

Lily Michaud, "On Breathing: Recent Works," photographs.

Annual Juried Graduate Student Exhibition (jurors: Richard Levy, Owner Levy Gallery, Albuquerque; Andrew Conners, Senior Curator, National Hispanic Cultural Center; Lucy Lippard, critic, writer, activist).

Dennis DeHart, "Morphology" and "Burn" (MFA Thesis exhibition featuring digital prints, video installation, books, website).

Presentations:

Suzanne Newman-Fricke talk, Friends of Art Prize recipient, Art History, "Nampeyo and Maria in Pictures: The Role of

Fame in Pueblo Pottery."

Todd Anderson, Friends of Art Prize recipient, Art Studio

Vera Sprunt, "Whole," recent work and talk

Panel discussions by artists included in the Annual Juried Exhibition: Peter Voshevski, Aaron Winston, and Jeff Beekman; Dean Olson, Allison Carey, and Erika Adams.

Chip Ware
Curator
Jonson Gallery

c. Other Exhibitions

In December, a print exchange was organized by the Printmaking Area with the University of Northwest Territory in Australia. In May, the Printmaking Area organized another exhibition with the University of Alberta in Edmonton, Canada.

A collaborative installation with ceramics professor Bill Gilbert and graduate students Sasha Custer and Monika Bittman, took place at an ancient granary in the Czech

Republic as part of an open-air symposium the summer of 2001. In December, graduate student Monika Bittman participated in the Arts Technology Center's Lecture Series. Bittman discussed the use of technology in the project "Liminal Longings: Mixed Media Collaborative Installation in the Czech Republic."

4. Curricular Matters

a. Minor Course Changes

Art Studio 593 Seminar in Studio Art: Enrollment maximum established at 6 credits.

Art History 581 Seminar in Early Modern Art 1750-1900: Enrollment maximum established at 12 credits.

Art History 251 Artistic Traditions of the Southwest: Time offered changed from spring to offered upon demand.

Art Studio 574 Graduate Printmaking: Enrollment maximum established at 15 credits.

Art Studio 587 Graduate Photography: Enrollment maximum established at 15 credits.

Art Studio 595 Graduate Tutorial: Enrollment maximum established at 21 credits.

b. New Courses

Art Studio 130 Introduction to Electronic Arts.
Introduction to the computer as a medium and fine art tool. Course will explore history, theory, and contemporary art issues associated with computer-based art practice, as well as introducing students to basic tools and technologies. Suggested co-requisite: 121 (Fall, Spring)

Art Studio 330 Intermediate Electronic Art.
Course emphasizes art-making using evolving computer-based tools. Students work with digital content in 2-D, 3-D, and time-based formats. Course draws on current work and theory, combined with classroom critique. Prerequisites: 121, 130, and 289 or permission from the instructor. (Fall, Spring)

C. Interdisciplinary Projects

Two interdisciplinary projects were organized between the Printmaking Area and the Drawing and Painting Area. Martin Facey's Advanced Drawing students were invited to make lithographic prints with Lithography I and II students. Virginia Baich's Drawing III students were given printmaking demonstrations that enabled them to combine printmaking elements with drawing components.

II. STUDENT ACHIEVEMENTS

A. Undergraduate Honors and Awards

Senior Department Honors

Monica Ewing	cum laude
Christine Lisignoli	cum laude
Melissa Ross	cum laude
Brian Chankin	summa cum laude
Jessika Harrell	summa cum laude
Jeanette Mattern	summa cum laude
Elaine Pushkin	summa cum laude
Kimberly Shapiro	summa cum laude

James A. Stephens III	summa cum laude
Shawn Warrick	summa cum laude

Scholarships and Awards

Jamie J. Baines

Lucile Lattanner Reid Brock Art Endowment

Vera Nolan Scholarship

Danielle Ferreir

Cochiti Lake Arts and Crafts Guild Scholarship

Katherine Koomoa

Cochitit Lake Arts and Crafts Guild Scholarship

Heather Cronin

Cochiti Lake Arts and Crafts Guild Scholarship

Andy Mattern

Mavis Alleyne Scholarship

Eduardo Gonzalez del Real

CFA Alumni Chapter Scholarship

Vera Nolan Scholarship

Ryan Cheney

Clyde and Elizabeth R. Hill Endowment

Matthew Rana

Clyde and Elizabeth R. Hill Endowment

Chaya Rose

Wortham M. Akin Memorial Scholarship

Jenny Langston

Nat Moore Memorial Scholarship

Samuel Johnson

John L. Knight Memorial Scholarship

Kevin Wesley

Hilmer Olsen Scholarship

Kerry Kazokas

Vera Nolan Scholarship

B. Selected Graduate Honors, Awards and Fellowships

Graduate Department Honors

Monika Bittman

Art Studio with Distinction

Wendy Ann Flory

Art Studio with Distinction

Glenn Yoshio Kawabata

Art Studio with Distinction

Kimiko Miyoshi

Art Studio with Distinction

Awards, Fellowships and Grants

Dennis DeHart

Van Deren Coke/Beaumont Newhall Fellowship

John Mann

Van Deren Coke/Beaumont Newhall Fellowship

Jina Chang

Van Deren Coke/Beaumont Newhall Fellowship

D. Scott Nacke

Albuquerque Journal Scholarship

Glenn Kawabata

Vera Nolan Scholarship

Cochiti Lake Arts and Crafts Guild Scholarship

Gregory Ondo

3% Tuition Scholarship

Dana Pennebaker

Vera Nolan Scholarship

Erika Adams

Vera Nolan Scholarship

Sasha Custer

Vera Nolan Scholarship

Woodward Foundation Scholarship

Joshua Larson

Vera Nolan Scholarship

Todd Anderson

Lucile Lattanner Reid Brock Art Endowment

Friends of Art Prize, Art Studio

Kimiko Miyoshi

3% Tuition Scholarship

Josef Diaz

3% Tuition Scholarship

Monika Bittman

3% Tuition Scholarship

Harry Nadler Memorial Scholarship

Wendy Flory

Raymond Johnson Fellowship

Alison Carey

Cochiti Lake Arts and Crafts Guild Scholarship

Research, Project, Travel Grant

Joy Davidson

CFA Alumni Scholarship

Leta Evaskus

Wortham M. Akin Memorial Scholarship

Greta Murphy

Research, Project, Travel Grant

Sarah Spengler

Research, Project, Travel Grant

Flora Henri Prize

Sherlock Terry

Research, Project, Travel Grant

Julie Anand

Research, Project, Travel Grant

Aaron Fry

Woodward Foundation Scholarship

Elizabeth Olton

Woodward Foundation Scholarship

Suzanne Newman Fricke

Friends of Art Prize, Art History

Kimberly Cleveland

Regents Legislative Fellowship

Marilee Salvatore

Ana Mendieta Prize

Laura Evans

Henry Luce Foundation American Art Dissertation Research Award

III. ENROLLMENT AND DEGREE STATISTICS

A. Enrollment

1. Total Undergraduate Enrollment in the Department of Art and Art History

	Fall 99	Spring 00	Fall 00	Spring 01	Fall 01	Spring 02
Art Studio Majors	253	249	237	234	262	266
Art History Majors	34	29	31	31	30	35

2. Total Graduate Enrollment (including those in absentia)

	Fall 99	Spring 00	Fall 00	Spring 01	Fall 01	Spring 02
Art Studio	44	39	40	42	58	55
Art History	34	29	33	35	31	30

B. Degrees Granted

1. Total Undergraduate Degrees Granted

	Sum 99	Fall 99	Spr 00	Sum 00	Fall 00	Spr 01	Sum 01	Fall 01	Spr 02
BAFA Studio	2	18	26	5	17	26	4	20	22
BA Studio	3	8	16	5	9	15	2	7	22
BA Art History	0	7	7	1	3	2	2	3	5

2. Total Graduate Degrees Granted

	Fall 99	Spring 00	Summer 00	Fall 00	Spring 01	Summer 01	Fall 01	Spring 02
MA-Art History	0	2	1	3	1	3	1	2
MFA-Studio	6	3	6	3	7	3	3	9
PhD-Art History	0	1	1	0	2	1	0	1

C. Graduate Applicant Statistics

1. Graduate Applicants

	AH	PD	PM	PH	3-D
From UNM	3	2	6	3	2
From other undergraduate institutions	31	54	15	85	17
Total	34	56	21	88	19

2. Students Accepted

	AH	PD	PM	PH	3-D
From UNM	3	0	2	0	2
From other undergraduate institutions	11	8	1	6	6
Total	14	8	3	6	8

3. Students Declined Acceptance

	AH	PD	PM	PH	3-D
Total	5	2	0	2	3

4. Graduate Applications Sorted Geographically

Arizona	6	Montana	5
California	22	New Hampshire	1

Colorado	5	New York	10
Connecticut	2	North Carolina	2
Florida	7	Ohio	6
Georgia	6	Oklahoma	1
Hawaii	2	Oregon	4
Idaho	1	Pennsylvania	6
Illinois	7	Rhode Island	0
Indiana	3	South Carolina	3
Iowa	3	Tennessee	5
Kansas	2	Texas	19
Kentucky	2	Utah	2
Louisiana	3	Virginia	4
Maine	3	Washington	6
Maryland	4	Wisconsin	3
Massachusetts	6	Wyoming	1
Michigan	3	Canada	2
Minnesota	2	China	1
Missouri	7	Korea	1
Nevada	1	Iran	1
New Jersey	3	Mexico	1
New Mexico	33	Yugoslavia	1

5. Graduate Applications Sorted Ethnically

American Indian	2
Black/African-American	1

Asian	9
Hispanic	12
White	154
Other	3
Unknown	37

IV. FACULTY RESIGNATION, RETIREMENT, APPOINTMENT, LEAVES, and PROMOTION; STAFF SEPARATIONS, APPOINTMENTS

A. Faculty Resignation

Associate Professor Geoffrey Batchen resigned at the end of the academic year to accept a position at CUNY Graduate Center in New York. He had been a member of the Art History faculty since 1996.

B. Faculty Retirement

Associate Professor Howard Rodee retired at the end of the Fall Semester after having completed 31 1/2 years (1969-2001) as a member of the Art History Faculty.

C. Faculty Permanent Appointments

Susanne Anderson-Riedel will join the faculty in August 2002 as an Assistant Professor in Art History to replace Howard Rodee who retired in December 2001. Her specialization is the History of Print Media.

D. Faculty Temporary Appointments

1. Part Time/Semester I

Michael McConnell, Adjunct Lecturer III, Art History 101.001 and 101.002, History of Art I; Undergraduate Advisement.

Catherine Clinger, Adjunct Assistant Professor, Art History 420/520.002, History of Graphic Arts I; Art Studio 335/336.001, Intaglio Printmaking I/II.

Michael Ceschiat, Adjunct Assistant Professor, Art Studio 268.001, Ceramics II; Art Studio 369.002, Ceramics III: Sculpture.

Clarence Cruz, Adjunct Lecturer I, Art Studio 469.001, Pueblo Pottery.

Kristine Mills, Adjunct Lecturer III, Art Studio 213.001, Sculpture I; Art Studio 313.001, Intermediate Sculpture.

Sabra Sowell, Adjunct Lecturer I, Art Studio 257.001, Small Metal Construction II.

Laura Rosenfeld, Adjunct Assistant Professor, Art Studio 307.001, Painting II.

Deborah Gavel, Adjunct Lecturer III, Art Studio 307.002, Painting II.

Rebecca Blankley, Adjunct Lecturer III, Art Studio 157.001 and 157.002, Small Metal Construction (8/20-9/7/01).

Allison Theoret, Adjunct Lecturer III, Art Studio 157.001 and 157.002, Small Metal Construction I (9/10-9/21/01).

Joan Boyden, Adjunct Lecturer III, Art Studio 106.001, Drawing I.

David Brown, Adjunct Assistant Professor, Art History 201.008, History of Art I.

Virginia Baich, Adjunct Assistant Professor, Art Studio 205.001, Drawing II.

Vera Sprunt, Adjunct Assistant Professor, Art Studio 305.001, Drawing III.

2. Part-time/Semester II

Deborah Gavel, Adjunct Lecturer III, Art Studio 205.001, Drawing II.

Virginia Baich, Adjunct Assistant Professor, Art Studio 305.002, Drawing III; Art Studio 207.003, Painting I.

Rebecca Blankley, Adjunct Lecturer III, Art Studio 157.001 and 157.002, Small Metal Construction I.

Sabra Sowell, Adjunct Lecturer I, Art Studio 257.001, Small Metal Construction II.

Vera Sprunt, Adjunct Assistant Professor, Art Studio 305.001, Drawing III.

Kristine Mills, Adjunct Lecturer III, Art Studio 213.001, Sculpture I; Art Studio 413.001, Advanced Sculpture.

Michael Ceschiat, Adjunct Assistant Professor, Art Studio 268.001, Ceramics II.

George Moran, Adjunct Lecturer III, Art Studio 213.002, Sculpture I.

Elena Baca, Adjunct Lecturer III, Art Studio 345/429/529.004, Serigraphy.

Michael McConnell, Adjunct Lecturer III, Art History 101.001 and 101.002 Introduction to Art; Undergraduate Advisement.

Carroll Botts, Adjunct Lecturer III, Art History 101.003, Introduction to Art.

Catherine Clinger, Adjunct Assistant Professor, Art History421/521.001, History of Graphic Arts II.

David Brown, Adjunct Assistant Professor, Art History 202.007, History of Art II.

E. Faculty Leaves

Associate Professor Geoffrey Batchen, Leave without pay, Semester I, to teach an adjunct class at CUNY Graduate Center and conduct research in New York City.

Associate Professor Holly Barnet-Sanchez, Sabbatical, Semesters I and II, to pursue a book project on the art of Judith Baca, Ester Hernandez, and Amalia Mesa-Bain.

Associate Professor Michael Cook, Sabbatical, Semester I, to work on his portrait project "Veneer" in both static visual works and video, and to work on new venues for its presentation.

Professor William Gilbert, Sabbatical, Semesters I and II, to develop a plan for an expanded Land Arts of the American West program that includes indigenous ceramic projects, and to create a new body of work.

F. Faculty Promotion

William Gilbert was promoted from Associate Professor to Full Professor.

G. Staff Separations

Donald Dean, Accountant II, resigned June 30, 2002, to accept a position in the private sector.

Kathy Belle-Isle, Administrative Assistant I, resigned April 23, 2002, to pursue personal interests.

Yvonne Holguin, Administrative Assistant I, resigned May 6, 2002, due to family obligations.

Jennifer Martinez, Academic Advisor, resigned December 19, 2001, to accept a position in another department of the university.

Mitzi Vigil, Academic Advisor, resigned July 20, 2001, to accept a position in the private sector.

H. Staff Appointments

Yvonne Holguin, Administrative Assistant I, hired April 29, 2002, to replace Kathryn Belle-Isle.

Jennifer Martinez, Academic Advisor, hired August 13, 2001, to replace Mitzi Vigil.

Jadranka Matic, Academic Advisor, hired January 10, 2002, to replace Jennifer Martinez.

Jennifer Lucero, Administrative Assistant I, hired May 30, 2002, to replace Yvonne Holguin.

V. IN MEMORIAM

CLINTON ADAMS

It is with sadness that the Department records in this archive the death, on May 13, 2002, of Professor Emeritus Clinton Adams. Adams came to the University of New Mexico in 1970. He retired in 1985 but his affiliation with U.N.M. never ended.

In addition to his faculty status in the Department of Art and Art History, Adams was the co-founder of the Tamarind Lithography Workshop, former director of Tamarind Institute, former long-time dean of UNM's College of Fine Arts, adjunct curator in the University of New Mexico Art Museum, and esteemed artist, writer and scholar. In 1985, Adams was a recipient of the prestigious Governor's Award for "Outstanding Contributions to the Arts of New Mexico." He was elected Academician by the National Academy in 1993 and given the "Printmaker-Emeritus Award" by the Southern Graphics Council in 1998.

We will remember Professor Clinton Adams for his many outstanding contributions to the arts and as a colleague who was held in highest regard by all who knew him.

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The Arts of the Americas Institute Annual Report

July 1, 2001 – June 30, 2002

Dr. Steven Loza, Director

Introduction

The Arts of the Americas Institute is submitting its first-ever Annual Report on this reporting period (2001-2002). Because this is the first report, and some who review it may be unfamiliar with the Institute, we have included a description of our organization and short resumes for key staff.

Background

The Arts of the Americas Institute (AAI) is a research center within the University of New Mexico's College of Fine Arts. The Institute supports projects that promote recognition, acceptance, understanding and communication of the arts in the Western Hemisphere. The AAI's focus is on cultural programs, using tradition and technology to enlighten and empower. We are committed to enhancing the resources at the College of Fine Arts, and combining the talent and expertise of faculty, students and staff with community and global partnerships.

The director of the AAI, ***Dr. Steven Loza***, is a noted Ethnomusicologist who specializes in music of Latin America, Chicano/Latino musical culture, West African music, African American music, Jazz Studies and multiculturalism. He comes to UNM from the University of California at Los Angeles, where he was a Full Professor of Ethnomusicology and a musician and composer in the Los Angeles area. He has published numerous books, articles and anthologies, and has provided expertise in Latin Jazz and Latin American music on a variety of recording and film projects, as well as professional boards and committees throughout the world, including the Grammys. In addition to serving as the director of the AAI, Dr. Loza will join the Department of Music Faculty in January 2003.

Dr. Maria Williams is beginning her third year as the Associate Director of the AAI. Dr. Williams is an Ethnomusicologist and an Assistant Professor in the Departments of Music and Native American Studies, who teaches courses on Native American Music. As a Ford Foundation Postdoctoral Research Fellow from 1998-1999, she began researching surviving Alaska Native ceremonial music and dance for her book on the subject. She has held key

positions at the Smithsonian Institute's Arctic Studies Center and the Institute of American Arts in Santa Fe, and is Principal Investigator for several AAI initiatives.

Dr. Loza and Dr. Williams are supported by two staff members that handle daily operations, and help manage the Institute's initiatives. ***Beverly Ortiz O'Connell*** is the Program Coordinator for the AAI. She coordinates between various AAI program initiatives, managing contractual and budget issues for both grant projects and internal operations. She also works with the directors to help identify, promote and raise funds for new AAI initiatives. ***Angela Torrez*** works half time for the AAI as an administrative assistant and bookholder. She processes paperwork for travel and purchases, schedules meetings and coordinates calendars, answers phones and performs general administrative duties.

Projects

The AAI has several projects that were active in FY 2001/2002. Virtually all of the center's projects are grant funded.

Cyber Sovereignty: The Tribal Virtual Network (TVN). This is a three-year project, that started in October 2001, that is partially funded by the *Dept. of Commerce's Technology Opportunities Program (TOP).* The purpose of the project is to develop an Access Grid to provide a nexus for virtual communication, multi-exchange network on which participants of five sites can have real time audio/video communications. The five sites are tribal museums and culture centers in New Mexico. Each of the five sites will have high band internet connectivity and will be able to develop interactive websites, virtual tours, galleries and databases, in addition to establishing long-distance education exchanges using the Access Grid technology.

Project Budget: $1,634,070

Native Americans and Culture Centers. This project is funded through an *"Extending the Reach" Institutional Grant from the National Endowment for the Humanities (NEH).* This project is designed to support the creation of exchanges between the consortium established by the Tribal Virtual Network. The consortium consists of the Pueblos of Jemez, Zuni, and

Pojoaque, the Indian Pueblo Culture Center, and the Jicarilla Apache Culture Center of Dulce. The grant covers professional training for the museum professionals at each of these sites and on-site workshops. This project will conclude in December 2002.

Project Budget: $61,385

The Virtual Museum. The *National Endowment for the Arts (NEA)* has provided funding for this project, which allows the Jicarilla Apache Culture Center and the A;shiwi A;wan Museum and Heritage Center to purchase graphic computer work stations and software for the purpose of digitizing images for the National Museum of the American Indian. The work has been recently completed, and final reports will be submitted in September 2002.

Project Budget: $20,000

Native American Database and Museum Studies Program. This project, funded by the *Education Foundation of America (EFA)* was an Arts of the Americas Institute initiative that consists of a two-year project, which started in June 2000 and has been extended through early Fall of 2002. The grant consists of two major activities. 1) development of a museum studies program with a strong Native American component; and 2) development of an on-line searchable database of contemporary Native American artists. Project partners are the Bainbridge-Bunting Memorial Slide Library, the University Art Museum and the Department of Art and Art History. Two major components of the grant were completed within the first 18 months, include the hiring of a Native American Museum specialist who taught one course per semester, and the development of a paper conservation/preservation lab by the University Art Museum to be used for appropriate courses.

In February 2002, the AAI transferred the final grant and its activities to the Department of Art and Art History. This was done in order to meet the last requirements of the grant, which are to establish a curriculum in Museum Studies that incorporates Native American philosophy and pedagogy. The AAI is not an academic unit and this activity had to be undertaken by an academic unit.

Project Budget: $228,498

The AAI has also been involved in a wide variety of smaller projects, funded by grants from the *McCune Charitable Foundation($30,000)*, the *Center for Regional Studies ($29,000)* and the *New Mexico Endowment for the Humanities ($2,000)*. In general, these projects are developed through partnerships with CFA faculty and professional artists of notable accomplishment. Some of these projects include Latin Jazz workshops and concert by conga artist Poncho Sanchez and his band, Symposiums and a lecture series covering topics from Colonial Life in New Mexico to Mexican Baroque music, and a variety of performance projects involving University-based composers, musicians, dancers and playwrights in concert with visiting artists.

Staff

Appointments and Separations. In FY 2001/2002, the AAI hired three key staff members. *Dr. Steven Loza*, was hired as the Interim Director of the institute for the Spring 2002 semester. He has since accepted the position of Director of AAI for FY 2002/2003. Two new program coordinators were hired during this period as well. *Mary Bowannie* was hired to be the full-time program coordinator for the Tribal Virtual Network project. This is a grant-funded position, fully funded by the granting agency. *Beverly Ortiz O'Connell* was hired in January 2002 as the Program Coordinator for the Institute.

The AAI staff members during the period of this report are listed below.

Steven Loza, Interim Director
Maria Williams, Associate Director
Beverly Ortiz O'Connell, Program Coordinator
Mary Bowannie, TVN Program Coordinator
Angela Torrez, Administrative Assistant

Professional Activities and Awards. Steven Loza's accomplishments during FY01/02 are listed below.

- Articles:
  "Poncho Sánchez, Latin Jazz and the Cuban son: A Stylistic and Social Analysis"
  "Musicos chicanos y la experiende la transetnicidad." *olvemos a encontrar.* Colegio de Michoacan, 1998.
  "Hispanic-Carribean Musci in the United States." *Garland Encyclopedia of World Music.*
  "Hispanic Music in California." *Garland Encyclopedia of World Music.*

- Anthologies:
  Selected Reports in Ethnomusicology: Musical Cultures in Latin America: Global Effects, Past and Present. Editor, UCLA Ethnomusicology Publications (Conference Procedings)

  Hacia un musicologia global: Clasicos ensayos sobre la etnomusicologia. Ed, Mexico, D.F.: CENIDIM/CONACULTA

- In process of producing notes for a compact disk recording, *Piano Concertos from Mexico: Ponce, Halffler, and Galindo.* Performed by the National Symphony of Mexico.

Maria Williams had several accomplishments during the report period, as listed below.

- Curated an exhibition on Alaska Native Music and Culture for the Anchorage Museum of History and Art, October 2001

- "Our Culture and Way of Life: Alaska Native Music and Dance" a catalog accompanying an exhibition, published by the Anchorage Museum of History and Art, October 2001.

- "Sound Recordings: Heritage and Preservation, the case of the King Island Inupiat Recordings made by Barnard Hubbard, S.J." Paper presented at the annual Beringia Conference in Anchorage, Alaska, October 2001.

- Book Review: New Mexico Historical review of "La Musica de los Viejitos: Hispano Fold Music of the Rio Grande del Norte".

Financial Information

Grant Funds:

AAI grant-funded projects that were active in FY01/02 total $1,943,953

New grant projects awarded in FY01/02 total $1,634,070

Operating Budget:

FY01/02 Operating Budget = $46,454.54

FY01/02 Operating Expenses = $40,681.34

Summary

The AAI has done highly successful programs and this is evident in the $2,005,653 that we have raised in grants since its beginning in 1998. We have spent the first three years of our infancy in establishing the institute and it's mission, and hiring the staff necessary to carry out our programming goals and objectives. We have focused on developing projects that serve the UNM community and larger New Mexican community. With the addition of a full time director who is connected to larger funding agencies and who has a vision for the AAI we anticipate more success in creating programs and obtaining additional large scale grants.

Annual Report of the Arts Technology Center

July 1, 2001 – June 30, 2002

Edward S. Angel, Director

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Arts Technology Center
July 1, 2001 – June 30, 2002
Edward S. Angel, Director

Introduction

The past year has one of great positive change for the ATC. We now have a permanent director, and a program coordinator. We have been successful in obtaining new funding from outside sources and embarked on some exciting projects.

I. Staff

(a) Appointments and Separations

Professor Ed Angel, Professor of Computer Science and Electrical and Computer Engineering became the director of ATC in August, 2001. During the spring he was appointed Professor of Media Arts (nontenured). Danae Falliers was selected as the permanent Associate Director, a position she had ably filled on a yearly basis previously. Sally Bowler-Hill joined the center as program coordinator (0.5 FTE). Starting June 1, she is also working with Professor Angel as a 0.5 FTE position with the IT Committee that he chairs. Chris Davis is working with the ATC as a graduate assistant on the visiting artists programs. Fiona Sinclair is also working with the ATC as a research assistant on the Rockefeller grant.

(b) Professional Activities and Awards

Danae Falliers interviewed artists potentially interested in doing projects for the digital dome at the LodeStar Astronomy Center in the Bay Area in February. Included were Gail Wight, who replaced Richard Brown on the Rockefeller and NEA grants and the collaborative team of Christopher Chafe (Stanford University) and Greg Niemeyer (University of California at Berkeley), who will be starting a project at LodeStar in the fall. She participated in a workshop in Electronic Media Art and Design at the University of Denver. In February, she also

collaborated with Robert Putnam of Boston University to develop a piece for the annual Supercomputing Conference.

In April, Falliers went to New York and met with representatives from the Rockefeller, Warhol and Ford Foundations as well as staff from the Hayden Planetarium to discuss current projects and to develop new program proposals. She also participated in an invitation-only workshop and presentation at the Intel Foundation in Portland, Oregon in June. This event featured artists currently funded by Intel under the foundation's Art and Design program.

Selected artistic activities for Falliers include design identity and production projects for the Aspen Santa Fe Ballet and the Historic Elitch Gardens Foundation as well as an installation project for the United Bank of Denver.

Edward Angel published a new edition of his book, *Interactive Computer Graphics* (Third Edition, Second Edition Russian Translation), Addison-Wesley, 2002. In addition to his work for the Computer Science Department, his professional activities related to the ATC included: membership on the Board of Directors for the Rio Grande Chapter of SIGGRAPH and the Flicks on 66 Film Festival; participation in the City of Albuquerque's Downtown Window on the Arts committee; the founding of the Dawg Stars (Digital Artists, Wizards and Gurus) group for economic development in graphics, animation, and game technology; and supervising the animation classes cross-listed between Computer Science and Media Arts (CS/MA 394, CS/MA 494).

II. Projects

(a) Rockefeller / NEA Artists-in-Residence Program

In November, the ATC was awarded a $75,000 grant from the Rockefeller Foundation for *Cultural Practice / Virtual Style: Creating an Arts Environment High Performance*

Computing. In February, the center received an additional $10,000 from the National Endowment for the Arts for this project. Hosted by the ATC and housed at the High Performance Computing, Education and Research Center (HPCERC), this project funded artists residencies in high performance computing. The facilities open to artists at the HPCERC include state of the art supercomputers, a visualization laboratory that supports 3-D imaging, and the AccessGRID network. Artists were also encouraged to develop projects for the digital dome at the LodeStar Astronomy Center.

The artists participating in these residencies include James Crutchfield (Santa Fe Institute) and David Dunn (Art and Science Lab) with *The Theatre of Pattern Formation*, Jack Ox and David Britton (New York) with the *21st Century Virtual Color Organ*, Warren Sack (University of California at Santa Cruz) and Sawad Brooks (New York) with *Translation Map*, Gail Wight (Mills College, Oakland) with a project for the dome at LodeStar, and Gronk (Los Angeles) also with a project for the dome at LodeStar.

At the close the Fiscal Year 2002, Jack Ox and David Britton had completed their residency, and the ATC is anticipating the completion of the rest of the residencies this summer and fall.

(b) LodeStar Astronomy Center

This past winter ATC formed a new partnership with the LodeStar Astronomy Center, a UNM affiliated enterprise housed at the Museum of Natural History in Albuquerque. The purpose of this partnership is to develop artists' projects for immersive, digital domed theaters. This partnership offers an unprecedented opportunity for artists to work in an emerging medium that promises to realize some of the aesthetic dreams of digital imaging. LodeStar's digital domed theater includes a 55-foot diameter hemispheric screen, a full-dome, digital video

projection system and a Dolby 5.1 audio system. The SkyVision™ full-dome video system uses a mosaic of six synchronized video projectors to create seamless high-resolution digital video imagery that covers a 4,750 square-foot domed screen, which fills audiences' entire field of vision creating digitally based IMAX™-like experiences.

The ATC's existing partnership with the HPCERC plays an integral part in this new partnership as dome projects require considerable computing power for rendering images. A 3-D model of LodeStar rendered in *Flatland*, an open source 3-D application, is available to artists for use as a sketching tool at the HPCERC as well as the 6-projector power wall in the Computer Science Department.

ATC submitted several proposals to funding agencies, listed below, to fund artist-residencies at LodeStar. It also began developing formal agreements with LodeStar and revising its artist-in-residence contract to include considerations for distribution rights. These endeavors will be completed in the Fall.

(c) Proposals for New Projects

In support of developing its programming, the ATC submitted a number of proposals to public and private foundations. In the fall, the center submitted a proposal to the National Endowment for the Humanities to continue the research of art and science collaborations. In partnership with the Arts of the Americas Institute, the ATC also submitted a proposal to the McCune Charitable Foundation for continued operational funding.

In the spring and early summer, the ATC submitted proposals to the AT&T, Sloan, Andy Warhol, Ford, Daniel Langlois and Albuquerque Community foundations to support the initial infrastruture and artists projects for the LodeStar dome.

Lead by Ed Angel, the center also collaborated with the HPCERC in the submission of a proposal to the National Science Foundation for support of the Digital Pueblo Project, which would provide infrastucture and programing for remote access computer graphics workstations in the northern New Mexico Pueblos and rural communities. The focus of this project is the creation of collaborative projects involving groups around the state that would provide resources, training, and eventually job opportunities in graphics/animation/films. This partners in this proposal range from local companies involved in the industry (Vizeon, Bandelier EFX, Conti Films, the Studio, Drumfire, Aquilagroup) to cultural groups (the National Hispanic Cultural Center, the eight northern pueblos, Zuni pueblo) to ecomonic development groups (Connect NM, the National Indian Telecommunications Institute) to national partners (Intel, IBM, Pixar Animation Studios).

Over the summer, we received word that both the Ford Foundation and NSF proposals were funded for $39,500 and $660,000, repectively.

III. Lecture Series

(a) The McCune Charitable Foundation Student & Faculty Fellowship Lecture Series

During the Fall semester, the ATC hosted a lecture series for student and faculty receipants of fellowships given as part of a two-year grant from the McCune Charitable Foundation (FY '01-'02). The faculty speakers included Jim Stone and Michael Cook. Graduate student speakers included Dennis DeHart, John Mann and Monika Bittman. These lectures were generally well attended, especially the student speakers, and gave ATC staff an opportunity to talk to CFA faculty about our programming. Moreover, some of the eqiupment purchased through these fellowships was donated to CFA departments after the fellowship period ended.

IV. Outreach

(a) College of Fine Arts and University Wide

In addition to the lecture series, the ATC continued to participate in outreach initiatives with the College of Fine Arts and UNM in general. Most notably, one of the center's artist-in-residence Jack Ox was asked to give a presentation as part of *About Face: An International Visiting Artists Symposium* hosted by the art department and held at the University Art Museum on April 10th. Danae Falliers and ATC artist-in-residence, Gail Wight, were also invited to present at *The Future of Visualization Workshop* hosted at by HPCERC to be given later in July.

To further its outreach goals with the College of Fine Arts, the ATC also assisted four faculty members in the development of projects for the LodeStar dome. A proposal for a collaborative multi-media piece by Basia Irland and Mary Tsiongas and a proposal for a non-linear digital video art class taught by Bryan Konefsky and Hue Walker were submitted the Daniel Langlois Foundation for the Visual Arts as part of ATC's larger request.

(b) National Hispanic Cultural Center

We have been involved with the NHCC in both visiting artist programs and with the Digital Pueblo Project. With the assistance of the Office of Research Services, we obtained a wireless Internet connection between UNM and NHCC with the intention of having the NHCC as the first remote site on the project. (This link became operational in July, 2002).

(c) Dawg Stars

This fiscal year, the ATC also became involved with the Dawg Stars (Digital Artists, Wizards and Gurus), an alliance of local businesses and educational groups dedicated to the economic development of graphics, animation, and game technology in New Mexico. Ed Angel

has given talks before a variety of groups on the activities of the group and the group was instrumental in the preparation of the NSF proposal.

V. Other Activities

(a) Public Relations

In Fiscal year 2002, the ATC strove to increase its exposure to the University and the public at large. In addition to sending out announcements to the CFA listserv, the center developed its own listserv that includes ATC partners, foundation representatives, interested members of the public and other digital arts related organizations around the world. Using both of these e-mail lists the ATC was able not only to publicize its own activities but also those of related campus and local groups such as the Computer Science/Media Arts digital animation classes, the LodeStar Astronomy Center, the Rio Grande SIGGRAPH chapter and the Flicks on 66 Film Festival.

The ATC also expanded its website to include a calendar of events page and a Rockefeller / NEA artists-in-residence page. The latter now includes a QuickTime demonstration of HPCERC's *Flatland* as well as links to the artists-in-residence project and personal web pages.

(b) Newsletter

This year ATC began its own newsletter separate of previous publications in collaboration with the Arts of the Americas Institute. The center produced three issues this fiscal year. Each issue included feature articles with ATC partners or artists-in-residence including, Mary Tsiongas, new assistant professor of electronic arts, David Beining, director of the LodeStar Astronomy Center, Thomas Caudell, director of the HPCERC Visualization Laboratory, and Jack Ox, NEA artist-in-residence. Each issue was also posted on the center's

website and announced to the ATC listserv to expand distribution coverage. Thus far, this publication has been well received; a copy of the article on Thomas Caudell has even been enlarged on poster board and posted at HPCERC by their staff.

(c) Fiscal Separation from the Arts of the Americas Institute and the College of Fine Arts Administration

Finally, the ATC was fiscally and organizationally separated from the Arts of the Americas Institute and the College of Fine Arts Administration as of the close of this fiscal year. Planning and organization of this separation began in the fall and continued throughout the spring semester. The ATC now has its own organization code and its own Instructional and General Expense account.

ANNUAL REPORT 2001-2002

BAINBRIDGE BUNTING MEMORIAL SLIDE LIBRARY

Submitted by Sheila Hannah

INTRODUCTION

The maintenance of traditional slide collections and support services, the addition of digital image collections and electronic support services, the development of digital assets management systems, and the continuation of special, grant funded projects characterized the Bainbridge Bunting Slide Library's 2001-2002 academic year. Slide library staff continued to manage its visual resources collections by acquiring, researching, documenting, and making available images of fine arts and architecture in both analog and digital format for study, teaching, and research. The library continued to offer graduate internships and maintain professional development activities.

COLLECTIONS

The library manages over 325,000 visual documents in slide format. 8,660 slides were processed in the library this year. 70,614 slides were circulated to students, staff and faculty. Statistics are not currently available for digital image use.

SIGNIFICANT DEVELOPMENTS

In addition to developing its traditional slide collections and collection management systems, the library continued its transition from slide to digital image collections and from slide management to digital image management software systems. On-line digital image reviews for art and architecture history classes continued. In order to build the collection management infrastructure necessary to develop, catalog and house digital image collections, staff continued to work with a software development firm, Dynamic Information Solutions, to design and implement appropriate digital assets management software. Staff continued converting the library's existing artist's authority file of 25,000 artist's records to electronic format for inclusion in its developing digital assets management software. 15,000 artist/architect authority records have been converted and integrated to date. 50,499 of the library's 325,000 label records have been

converted to electronic format and linked to those authority records. 1,438 digital image files were created and incorporated into the developing digital collections management software.

With funding from the Educational Foundation of America, the library staff engaged in the second year of a two-year grant project, the VIRCONA Project, to build and introduce an Internet accessible database of Native American Artists. Sheila Hannah devoted 25% of her time to this project.

INTERNS

Greta Murphy, PhD candidate, Arts of the Americas, Art & Art History, Rebecca Head, MA candidate, Arts of the Americas, Art & Art History, and Laura Smith, MA candidate, Arts of the Americas, Art & Art History all served as interns with the VIRCONA Project.

PERSONNEL

Promotions, Appointments, and Separations

Sheila Hannah, Manager, Visual Resources Library was promoted from Grade 13 to Grade 14

Staff

Sheila Hannah, Manager, Visual Resources Library
- Memberships:
  - Visual Resources Association (VRA)
  - Art Libraries Society of North America (ARLIS/NA)
  - Special Libraries Association (SLA)
- Professional Conferences:
  - Visual Resources Association: Saint Louis, MO
- Professional Activities: Workshops
  - *Implementing the VRA Core in an Image Collection Management System*, Visual Resources Association, 20th Annual Conference, Saint Louis, MO
- Professional Committees:
  - Visual Resources Association: Data Standards Committee: VRA Core
- CFA Committees:
  - Committee on the Slide Library (Chair)

Cindy Abel Morris, Library Information Specialist III
- Memberships:
  - Visual Resources Association (VRA)
- Professional Conferences:
  - Visual Resources Association: Saint Louis, MO
- Degree Programs:
  - MBA candidate, Anderson Schools of Management, UNM

Jane Hellesoe-Henon, Library Information Specialist III

Memberships:

Mid America Print Council

Exhibits:

One Woman Show: Colburn Gallery, University of Vermont, Burlington, VT

Professional Activities: Workshops

Intaglio Printmaking, Art Department, University of Vermont, Burlington, VT

Natasha Needham, Library Information Specialist I

Degree Programs:

Accepted into the Landscape Architecture Program, SAAP, UNM

Media Arts Department

Annual Report, 2001-2002

Written by Ira Jaffe, Prof. & Chair, Media Arts

In 2001-2002, Media Arts concluded its sixth year as an official academic unit offering the degree of Bachelor of Arts in media arts. By various measures the department's performance continued to be encouraging. The number of majors in Spring 2002 was 63, the highest in the department's short history. Total enrollment also was high; both in the summer and the regular academic year, Media Arts enrollment relative to budget was the highest in the College of Fine Arts.

Numerous Media Arts students distinguished themselves. Colin Gunckel garnered the Senior Prize at the College's May commencement. Another talented student, Dan Herbert, served as the undergraduate speaker at the College's commencement in December. In May, Gunckel earned admission to the prestigious graduate school for critical studies in cinema at the University of California, Los Angeles, while Herbert was admitted to a comparable program at the University of Southern California. Media Arts undergraduate major Louis Moya was one of just a handful of students in the College to be awarded a large scholarship ($1,500) in the College-wide scholarship competition in the Spring semester. Jessica Lopez, another Media Arts student, earned the College of Fine Arts Alumni Chapter award ($500) that was designated for a Media Arts undergraduate major. Further, a number of Media Arts

students shared $3,000 in new scholarship money allocated by Dr. Christopher Mead, Interim Dean of the College of Fine Arts.

The Department of Media Arts introduced two new courses in Spring 2003: "Word and Image" and "Representations of the Psyche in Film, Philosophy, and Psychology." The first was a production course that brought together production students in Media Arts and students of dramatic writing in the Department of Theatre and Dance. The second was a "Hewlett cluster," an interdisciplinary, introductory course conducted jointly by professors from the Departments of Media Arts, Philosophy, and Psychology. The Department of Media Arts also worked vigorously with the Departments of Music and of Theatre and Dance to sustain the "collaborative laboratory." The laboratory had been established in the College of Fine Arts the previous year as a way to pool scarce resources and to bring together students from the three departments who wished to examine and engage in interdisciplinary enterprises.

With financial support from the College of Fine Arts Outreach Program, the Department of Media Arts kept alive its International Cinema Lecture Series, founded in 1988. The major guest for 2001-2002 was Michael Almereyda, writer and director of a new film version of Shakespeare's *Hamlet* set in present-day corporate New York. Almereyda's film had earned exceptionally enthusiastic reviews in numerous venues, including *The New York Times* and *The Los Angeles Times.* Well over 100 people turned out for Almereyda's screening and discussion of his film in Northrup Hall.

Media Arts full-time and adjunct faculty earned various distinctions. Video art by part-time faculty member Bryan Konefsky was screened in major festivals and venues in the United States, Canada, and Europe. Films by Assistant Professor Nina Fonoroff were screened at prestigious venues in New York City including the Museum of Modern Art. Fonoroff also earned a positive code 3 review in the Department of Media Arts. Michael Kamins, a part-time faculty member in production, directed and produced an hour-long documentary about the nuclear age that appeared nationally on PBS television.

There was a major addition to the Media Arts faculty in 2001-2002: Professor Ed Angel of the Department of Computer Science accepted a secondary appointment as Professor of Media Arts. Angel also served in 2001-2002 as Director of the new Arts Technology Center in the College of Fine Arts. Also, the Media Arts Technical Coordinator position, filled by James Roy, was increased by Dean Mead's decision at the end of the academic year from a .5 to .625 FTE.

The Department of Media Arts made significant contributions in 2001-2002 in the area of service to the College and the University. In particular, Assistant Professor Susan Dever and student Colin Gunckel served on the search committee for Dean of the College of Fine Arts. Ira Jaffe, Chair of Media Arts, served also as Associate Dean of the College of Fine Arts.

Despite woefully inadequate funding, Media Arts continued in 2001-2002 to contribute significantly to the educational and cultural mission of the College of Fine Arts.

In the future it will be important for Media Arts to extend its long-term practice of developing rich interdisciplinary collaborations with other departments throughout the University. Such activity is particularly vital because Media Arts lacks sufficient funding, faculty, facilities, and equipment to achieve its mission on its own. Moreover, such collaborations greatly broaden the viewpoints and perspectives of teachers and learners. Throughout future efforts, Media Arts will need to maintain at the forefront of its values the study and practice of film and video as art, rather than as social and political document. These considerations are interconnected, of course, yet there is a clear and distinct priority to be sustained in the Media Arts mission. Finally, Media Arts will need to ensure that full-time faculty (as distinct from adjunct faculty) provide primary leadership in the production area of the department as well as in the area of history, criticism, and theory.

Annual Report of the Department of Music
July 1, 2001 to June 30, 2002
Steven Block, Chair

I. INTRODUCTION

This has been a year of transition and assessment. Two major reviews, that of the National Association of Schools of Music and the University of New Mexico Graduate (Unit) Review occurred in March after the submission of a Self-Study that took a year to write and compile. The process of developing the Self-Study was itself cathartic for the department in that Study has defined the department in such a way that the ensuing year of planning and reaction (2002-03) will be rooted in the standards and factual detail of the Self-Study. For example, the tables on graduation rate have already impacted planning on curriculum (Does our BA degree appropriately reflect a liberal arts student population or are students currently using loopholes in that degree to graduate more quickly than they would with a professional degree?) recruitment, and assessment (Why do students leave our program to pursue other degrees at UNM?).

It has been a major accomplishment to go through the accreditation process and the process itself has affirmed current department programs and confirmed our standards. Although the final determination hasn't been made, I expect that the department may not even receive probationary status (as the majority of accredited institutions do) but will be awarded "member in good standing" status in November 2002. Those reviews, combined with the essential need to confront financial realities and constraints and to plan for reasonable growth or limited growth within current means, have already had a great impact on department thinking and will continue to do so during the upcoming year of strategic planning.

Personnel Matters

The addition of two new academic faculty members, after targeted searches, has been an important new step for the department in the fashioning of a new emphasis on ethnomusicology, a discipline that should long ago have been a natural offering in the state of New Mexico. Most important, the specific faculty hires are superior: 1) Steven Loza, who is being brought in as a full professor with tenure and will also direct the Arts of the Americas Institute, is a world renown scholar (his most recent book is now translated into Spanish), artist, and producer whose former status was as a full professor at the major ethnomusicology showcase in the country, UCLA; 2) Maria Williams is herself a Native American and will be teaching in both the Music Department and Native American Studies. Her work as a scholar is also impressive and her hire is a pioneering one in trying to bridge two disciplines.

Budgetary Matters

Two important milestones with respect to budget were resolved in this fiscal year, Athletic Bands and Budget Deficit. A reasonable and heartening plan for funding and support of Athletic Bands was reached through hard work at the upper administrative level as well as College and Department level. The blueprint for future support and growth of the Athletic Bands has now been created by which appropriate funding can increase or be applied to acknowledged needs (such as Basketball Bands, Uniforms). At the same time, a budget deficit plan was devised that allows the department to pay down the current deficit over a period of time with a minimum of strain on department resources. It should be noted that in both cases described above, the University administration has been fair, concerned, and generous in providing the proper

structures by which the department can both function well and improve its future position with some careful planning.

Future Planning

Though many of the recommendations made by the Visitors' Report of the NASM accreditation team are minor and, at the same time, many recommendations made by the Graduate Review team are inapplicable or impractical, the department takes these reviews seriously. In response to University-wide Strategic Planning and the Visitors' Reports, the department is undergoing a planning process in the 2002-03 year, the bulk of which will be done in the fall semester. The department will chart a course in which many changes will be made, both small and large, that will positively influence day-to-day management and long-term prospects for reasonable department development and coordination with the College of Fine Arts and University-at-large. Among the topics being discussed are Scholarships/Assistantships, Part-Time Faculty Needs, Staffing Needs, Ensemble Needs (and Organization), Future Faculty Lines, Travel Needs, Recruitment Needs, Curriculum, Development-Fundraising, and Spending Categories. Since all are being discussed in terms of setting priorities, limitations, and immediate no-growth projections, the department expects to make some significant structural changes.

II. OTHER ACHIEVMENTS

The UNM Prep School

The UNM Music Prep School is starting its tenth successful year of operation this fall. The program instruction is done during three semesters: fall, spring, and summer on Saturdays, 9;00-3:00 at UNM.

Classes of pre-school music and general music, vocal music, beginning instrument ensemble, Suzuki violin, orchestra, guitar, piano, and marimba are offered to students from birth through 6th grade. Basic tuition is $85 per semester, per child. Approximately ten per cent of the students are on partial or full tuition waivers.

The program has grown from a beginning enrollment of 239 in the fall of 1993 to over 500 in each of the fall and spring semesters.

The program is taught by eleven certified music teachers, many teaching more than one class, and most are teaching both semesters. We are very fortunate to have such a qualified music staff that has direct impact on the success of the program. In addition to teaching staff, we have a part-time director and program coordinator to manage the program. This year we hired our third music education teaching assistant who teaches in the program, assists with the office operation, and also assists UNM music education staff. while doing graduate work in music education. We are also employing graduate and undergraduate UNM string students to teach private lessons for the Suzuki program.

For the past nine years the program has operated in the black. We have donated six pianos to the UNM Piano Lab, as well as purchasing small music equipment that is also used by the music education classes at UNM.

We are offering one to two early childhood workshops a year for our prep school teachers and for teachers and parents in the community. Outstanding clinicians from major music schools in the US

are brought in for the presentations. Teachers attending pay a minimal fee to attend. This is another way of giving back to UNM and the community.

We are offering our sixth "Music Is" series of free concerts for children and their parents. UNM performing groups present many of the concerts. Each group receives a $500 stipend, another way we are giving back to the department. In connection with the November and March concerts there will be celebrations commemorating our tenth year.

-Mary Hurst

The Graduate Program

-Karl Hinterbichler Enrollment in the graduate program remains steady at 60 students. Of great benefit in recruitment is the continued availability of the in-state tuition rate for out-of-state students taking six hours or less. The majority of students take advantage of that plan.

The Band Program

The most significant developments for the band program included additional funding for athletic bands from Athletics, VP for Business and Finance, and I & G, the loss of the horn faculty position from the Department of Music for 2002-03, and the pending debt reduction for the Department of Music and its anticipated effect on the band program.

For 2001-02 funding from the VP for Business and Finance was provided to pay students a stipend for performance in the basketball bands. A commitment from Athletics was made to

provide a stipend for all marching band students for the 2002 season and I & G funds in the amount of $15,000 was promised to the marching band for instrument and equipment purchase. The University has indicated it will inaugurate a funding raising drive for new marching band uniforms for the 2003 season. This has given the band area a tremendous boost of confidence in assuring us that the University is committed to excellence and to supporting our program as it can.

The loss of the horn faculty position meant that no new horn students were recruited to the Department of Music for 2002-03. At the same time, two of the remaining six horn players graduated in Spring 2002. This will leave the Wind Symphony and Symphonic Band with two horn players each and band funds will need to be shifted to hire two additional players from the community for each ensemble to be able to perform concerts next year. While this decision has saved the Department of Music funds, it will cost the bands additional funds. It is anticipated that the effect of this cut will be felt in the band program for the next three to four years while a new faculty member hired for Fall 2003 begins rebuilding the horn studio.

To reduce debt in the Department of Music, the summer salary for the Director of Bands and tuition waivers for the Graduate Assistant positions will be shifted to the band budget for 2002-03.[1]

Miller Asbill completed his first year as Associate Director of Bands and has stabilized the numbers in the marching band and has improved the quality of performances in the Symphonic Band.

- Eric Rombach

1 It should be noted that a summer salary for the Director of Bands, while a given at comparable institutions and a

Concerts, Guest Artists, Keller Hall

UNM MUSIC DEPARTMENT, KELLER HALL
ANNUAL REPORT JULY 2001- JUNE 2002

Faculty Concerts (Fall 2001 - Spring 2002) TOTAL: 23
Kim Fredenburgh, viola
Jeffrey Piper, trumpet
Kevin Vigneau, oboe
New Mexico Winds (2)
New Mexico Brass Quintet (3)
Keith Lemmons, clarinet
Valerie Potter, flute (2)
Patrick Posey, saxophone (2)
Falko Steinbach, piano
Greg Evans, horn (2)
Arlene Ward, organ
David Schepps, cello
Brad Ellingboe, bass-baritone
Scott Ney, percussion
Woodwind Quintet Invitational (featuring NM Winds)
Debra Taylor, trombone
Leslie Umphrey, soprano

Guest Artists (Fall 2001- Spring 2002) TOTAL: 16
Richard Fleischmann, viola masterclass
Peter Ziethen, baritone and Gerda Ziethen-Hantich, piano
Martha Hanson and Astrid Groth, pianos
Albuquerque Concert Band
Lawrence Blind, piano
Michael Zenge, piano
Gretchen Putsch, flute masterclass
Frank Cohen, clarinet masterclass
Lori Ardovino, clarinet
Kai Stensgaard, marimba
Pasquale Rucco and Douglas James, guitars
Michael McCraw, dulcian and baroque bassoon
Kevin Orr, piano
Composer's Symposium 2002
Siro Saracino, piano
Helen Kwalwasser, violin masterclass

Student Ensembles (Fall 2001- Spring 2002) TOTAL: 49
Symphonic Band (2)
UNM Summer Band
UNM Wind Symphony (2)
UNM Jazz Bands
Concert Choir (3)
The Chamber Singers (3)
The Men's Chorus
UNM Opera Theatre (2)
Falko Steinbach Piano Studio Recital (4)
Las Cantantes (3)

New Music, New Mexico (2)
Guitar Night (4)
Leslie Umphrey Voice Studio Recital
Holiday Brass Spectacular
UNM Orch. (2)
Early Music Ensemble (2)
UNM Prep School
String Chamber Music (2)
UNM Concert Band (2)
Abe Franck Quartet
Voice Studio Recital (2)
Percussion Ensemble (2)
Clarinet Marathon
UNM Opera and Orchestra
UNM Graduate Woodwind Quintet
Student Chamber Concert
Woodwind Night

UNM Music Student Recitals TOTAL: 44
Fall 2001 10
Spring 2002 34

Rentals July 2001- June 2002 TOTAL: 31
Lovelace Breast Cancer Conference/concert
UNM Taos: An Evening in Afghanistan
Max Oelschlaeger, NM Wilderness Alliance
Symphony Orchestra of Albuquerque (2)
District VII Large Group HS Orchestra Festival
NMSO Young Artist Piano Competition
Pancho Sanchez
Harriet's Return
New Mexico Tap Jam
Flamenco Festival
Wendy Day, piano (2)
Art and Art History Lecture
Physician's Assistant Graduation
Benjamin Silva, guitar
Institute of Chinese Medicine Graduation (2)
Indian Student Association
UNM Bookstore "Lectures under the Stars"
Sandia Chamber Concert
APS Orchestra Festival
Allstate
APS Choral Festival
National Dance Institute
Albuquerque Flute Association presents Trevor Wye
Tibetan Association of Santa Fe
Glaxo Pharmaceuticals
UNM English Dpt.
Kathy Clawson
Friends of Guydmeo Compassion Tour

Faculty Concerts: 23

Guest Artists: 16
Student Recitals: 44
Student Ensembles: 49
Rentals: 31

TOTAL: 163

Jazz Studies

The jazz studies program continued to thrive during the first year of the degree emphasis being available for the Bachelor of Music degree. The two jazz big bands and three jazz combos presented several concerts both on and off campus. In early April the jazz program hosted its annual UNM Jazz Festival, bringing nearly thirty groups from New Mexico middle schools and high schools for performance and adjudication. The festival also hosted guest artists from the saxophone quartet Thrascher.

- Glenn Kostur

f. All State Music Festival and Inservice Conference

The 58th New Mexico Music Educator's Association All State Music Festival took place at The University of New Mexico in January 2002. Diantha Swaboda from the New Mexico Music Educators Association coordinated the program in conjunction with Barbara Boehms from the Music Department.

g. Composers Symposium

The 31st annual internationally renowned John Donald Robb Composers' Symposium at the University of New Mexico was held March 25, 26 and 27, 2002. The symposium featured internationally celebrated composer Pauline Oliveros, as well as Timo Kyllonen of Finland, Stephanie Schweiger, Bob Bauer, Dan Davis, Ruth Lomon, Jennifer Stasack, Emily Van Cleve of Santa Fe, Patricia Ann Repar, and Scott Wilkinson. Performers included UNM music faculty pianist, Tatiana Vetrinskaya; clarinetist, Keith Lemmons; cellist, David Schepps; violinist, Bernard Zinck; flutist Valerie Potter; oboist, Kevin Vigneau; and the UNM Concert Choir and UNM Chamber Singers.

Other performers included Tracy Wiggins on marimba; the New Mexico Brass Quintet; UNM graduate student flutists, Joy Zalkind and Jesse Tatum, the new music ensemble, New Music New Mexico, directed by Kevin Vigneau and others. Daytime activities included 'Meet the Composer' and composition seminars, and demonstrations and panel discussions by visiting composers and UNM music department faculty. The panel discussions topics were: "Materials, Meaning, and the Compositional Process" and "Women, Music and Social Transformation". The John Donald Robb Concert, featured the newly edited (2000) cello sonata of John Donald Robb, performed by cellist David Schepps and pianist Tatiana Vetrinskaya, as well as music by several other visiting composers. Special tribute was paid to UNM Professor Emeritus, Scott Wilkinson, who taught theory and composition at UNM. A composition scholarship was initiated at UNM in 2001 in Scott Wilkinson's name and this year's winner, J.T. Smith, saw a performance of his work, "Leaves for String Quartet."

III. Faculty Creative Activity

Block, Steve

Development of Jazz Seminar on the Sociology of Jazz

Ellingboe, Brad

Feb. 15 – 16	Appeared as soloist and clinician, Farmington, NM
Feb. 23	Voice recital, French Melodie, Keller Hall, Louise Bass pianist
Apr. 11 – 12	Choral Judge, Independent Schools Arts Festival, Albuquerque Academy
Apr. 16	Premiere of "Requiem," University Chorus and Chamber Orchestra of Albuquerque. Popejoy Hall
Apr. 27	Conducted Robert Ray's "Gospel Mass" St. Paul Lutheran Church

Apr 28	Pops Concert (Benefit for Las Cantantes), La Piazza Restaurant, John Helgen, pianist
May 2	Las Cantantes' Spring Concert, Keller Hall
July 14 – 19	Conductor, Chamber Choir, Massed Choir, Presbyterian Association of Musicians' National Summer Workshop
Aug 3 – 10	Delegate, International Choral Federation Biannual Convention, Minneapolis
Aug 11- 16	Clinician, Church Choir Directors' Summer Seminar, Zephyr Cove, Lake Tahoe, NV

Publications
"Requiem" - Neil A, Kjos Music Company, San Diego, CA. Available in three accompaniments: choir and organ; choir and orchestra; choir and sextet (organ, flute, oboe, 'cello, harp and percussion)

Fredenburgh, Kim

Assistant Principal Viola of the New Mexico Symphony Orchestra and member of the NMSO Principal String Quintet.

Principal Viola of the Holy Faith Chamber Orchestra(Santa Fe).

Chamber music performances in the past year have included appearances with the Taos Chamber Music Group, Haydn International Festival(Santa Fe), the Cochiti Chamber Music Festival and NMSO Musicale chamber series with Guillermo Figueroa, violin.

Solo recitals in the past year in Keller Hall and as part of the St. John's(Alb.) concert series.

Upcoming recitals planned in Rio de Janeiro and Sao Paulo, Brazil(Nov. '02) and Portland, Oregon. Solo performances with The Albuquerque Philharmonic planned for Feb. & March '03.

Awarded grant from UNM Vice President's office to recruit music students in Brazil.

Masterclasses in the past year given for Arizona and New Mexico high school violists (Phoenix, Tempe, Farmington, Las Cruces, Albuquerque (8 high schools) and Rio Rancho).

Judge for NMMEA 2001 All-STate Auditions state-wide(viola, cello, bass).

Clinician for the 2002 Southwestern regional conference of private schools Arts Festival.

Currently working on a newly edited and revised edition of " Melodious Double- stops" by Josephine Trott. A CD of live recordings of works for viola and clarinet (with Prof. Keith Lemmons) will be completed this year.

Hinterbichler, Karl

Review of: *From Uncle Remus* by Edward McDowell, *International Trombone Association Journal,* Vol. 29, No. 1, Winter 2001, p. 70
Review of: *Prelude and Fugue in G* by Niclaus Bruhns, *International Trombone Association Journal,* Vol. 29, No. 2 Spring 2001, p.59
Review of: *Brassmania* by Etienne Berruchon, *International Trombone Association Journal,* Vol. 20, No. 3, Summer 2001, p.67
Review of *Train Ride* by Edward Bahr, *International Trombone Association Journal*, Vol. 29, No. 4, Fall 2001, p. 75
International Trombone Association Journal, Vol. 29, No. 1, Winter 2001
International Trombone Association Journal, Vol. 29, No. 2, Spring 2001

International Trombone Association Journal, Vol. 29, No. 3, Summer 2001
International Trombone Association Journal, Vol. 29, No. 4 Fall 2001
Literature Announcements, Premieres and Programs

Performances: First Trombone with Santa Fe Symphony, Opera Southwest, Santa Fe Opera, UNM Composers's Symposium
Performances with New Mexico Brass Quintet throughout Albuquerque

McCullough-Brabson, Ellen

Co-author. We'll Be in Your Mountains, We'll Be in Your Songs: A Navajo Woman Sings. Albuquerque, NM UNM Press, May 2001

Ney, Scott

Performances with Santa Fe Opera Orchestra, NMSO, Keller Hall recitals, UNM Marimba band and UNM Composers' Symposium

Patrick, Susan

Albuquerque Baroque Players performances in Albuquerque and Santa Fe.

Rombach-Kendall, Eric

Concerts: Pennsylvania Intercollegiate Band, University of Hartford, Tri-State Festival (Florida State), Interprovincial Music Camp (Canada)

Schepps, David

Various solo and Chamber Music performances with the Albuquerque Chamber Soloists and faculty recitals.

Various performances with the New Mexico Symphony Orchestra, Santa Fe Symphony and Chamber Orchestra of Albuquerque.

Recording of Beethoven Sonatas CD with Judith Lynn Stillman, Brown University and Rhode Island College.
Steinback, Falko

Publication: Erlebniswelt Musik, Hoerbeispiele, 2nd CD #13, Edition Schott

Concerts in Albuquerque, Gainesville, New Orleans, Hattisburgh – Germany, Heek - Germany, Brauweiler - Germany and Pittsburgh

Umphrey, Leslie

The Messiah, soprano soloist, Florida Atlantic University Orchestra and Chorus
Soprano soloist with San Juan Community college Symphony
The role of Pamina in the Magic Flute, Opera Southwest
A Night of Song, Breast Cancer Awareness Concert, Keller Hall
Recital – The University of Southern Louisiana
Recital – Fort Lewis College

Vigneau, Kevin

Appointed as Principal Oboe of the New Mexico Symphony Orchestra after a national audition in April 2002.

Performed with Music from Angel Fire in August (with Ida and Annie Kavafian, Daniel Phillips, Theodore Arm,

Tara O'Conner, Bil Jackson, William Purvis, Peter Wiley etc..)

Performed as English Horn soloist with the NMSO in May in the Swan of Tounela.

Finalist for the position of Professor of Oboe at Indiana University this past Spring.

Awarded a recruitment travel award for a trip (to happen this month) to Rio de Janeiro and Sao Paulo from the Office of Student Affairs.

Performed with the New Mexico Winds at the CMS conference in Santa Fe In November and in Keller Hall in April.

Performed and gave masterclasses in October at the Hartt School and the University of Massachusetts.

Directed New Music, New Mexico in six works for the 2002 Composer's Symposium and in concerts in Keller Hall in November and April of last year.

Recorded with Las Cantantes in their recent CD of works by Libby Larsen.

Wood, William

Commission" "Music for Three" Taos Chamber Music Group. Performed Mar 19 & 20 in Taos "Chamber Piece Two" – New Mexico Winds. Oct 2001, Keller Hall
"Turning Corners" for clarinet and piano performed during the 2001 John Donald Robb Trust Composers' Symposium. Keller Hall

Zinck, Bernard

Concert at the Lizst Academy in Budapest, Hungary and Guest Soloist with the National Hungarian Philharmonic orchestra
Recital at the Chicago Cultural Center, Broadcast on NPR
Faculty for the Cologne Hochschule Summer Academy in Montepulciano, Italy
Faculty for the Courchevel International Music Academy, France
Recital at Oji Hall, Tokyo and Shikarawa Hall in Nagoya, Japan
Guest Soloist with the UNM orchestra in Popejoy Hall and at the Spanish Cultural Center in Albuquerque
Guest Soloist with the Mesa Symphony, AZ
Guest Soloist with the Ostinato Ensemble: Concerts in Paris and Gala concert in Compiegne (Theatre de L'Athenee and Theatre Imperial), France
Recital at the Cathedral Church of St. John, Albuquerque
Recital and Master Class at the University of Colorado-Boulder
Concert Tour in Brazil, recitals and Master Classes in Porto Alegre, Uberlandia, Belo Horizonte
Recital on Faculty Concert Series at UNM in Keller Hall
Recital in San Antonio, TX

IV. Personnel – Short Summary

a. Faculty/Staff Appointments

Patrick Posey was hired as a .75 FTE visiting assistant professor of saxophone. Greg Evans was hired as a visiting assistant professor of horn.

b. Part-time Appointments

Anthony, Michael
Bartha, Daniela
Carlson, Joanna
Clark. Jane
Cuadra, Pedro
Delgado, Luis
Dwyer, Christopher
Eisfeller, Anne
Geist, Doug
Kempter, Susan
Kostur, Laura
Krueger, Nate
MacAskie, Stuart
Mayne, Jeremy
Ojeda-Molina, Jose
Repar, Patricia
Sheinberg, Colleen
Stordahl, Michael
Taylor, Debra
Turner, Denise
Vetrinskaya, Tatiana
Ward, Arlene

c. Tenure/Promotion Decisions

Leslie Umphrey, Falko Steinbach, and David Schepps all received positive reviews in their mid-probationary year.

d. Separations:

None

e. Sabbaticals:

Brad Ellingboe - fall semester 2001
Keith Lemmons - spring semester 2002

ANNUAL REPORT OF TAMARIND INSTITUTE

July 1, 2001 - June 30, 2002

Marjorie Devon, Director

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Tamarind Institute
1 July 2001 - 30 June 2002
Marjorie Devon, Director

I. EDUCATIONAL PROGRAM

(A) Printer-Training

Ulrich Kühle and Erin Maurelli received their Tamarind Master Printer certificates on May 31, 2002. During his internship, Kühle collaborated with 12 artists, printed 23 editions, and completed monotype projects with 3 artists; Maurelli collaborated with 11 artists, printed 18 editions, and completed monotype projects with 7 artists.

Participants in the two-semester Professional Printer Training Program, which began on August 20, 2001, were: Valle Baranda-Ferrero form Gijon, Spain (Certificates: Escuela de Arte de Oviedo, Oviedo/Asturias, Spain); Veronica Ceci from Milwaukee, Wisconsin (B.F.A., Milwaukee Institute of Art and Design); Milos Jones, New Westminster, British Columbia, Canada (B.F.A., Langara College, Vancouirver, B.C.); Galia Luz from New York City, NY (Art Students League of New York); Jason Miller from Minneapolis, Minnesota (B.F.A., Minneapolis College of Art and Design, Minneapolis, Minnesota); Pamela Shaw from Carmel, New York (B.F.A. Rhode Island School of Design, Providence, Rhode Island); Michael Sonnichsen from Albuquerque, New Mexico (B.A., Virginia Polytechnic Institute and State University, Blacksburg, Virginia); and Melanie Thompson from Portland, Maine (University of Southern Maine, Portland, Maine).

During the first semester students worked full time under Education Director Rodney Hamon to learn theory and to master the practical applications of hand lithography. They also studied workshop

management in *The Professional Workshop* (FA 475/575, 2 credit hours), taught by Tamarind Director Marjorie Devon. Guest lecturers included Tamarind staff members Bill Lagattuta and Rebecca Schnelker.

During the second semester of the Professional Printer Training Program, printer trainees gained practical collaborative experience through their interaction with graduate student artists from UNM's Department of Art and Art History (A&AH). The following A&AH students participated in *Collaborative Lithography* (FA 429/529, 3 credit hours): Patty Dowdy, Chuck Gibbon, Steve Hopkins, Carlos Perez, Lisa Rogers, Riti Sachdeva, Marilee Salvator, and Emilee Tese. The course was again funded by Tamarind, the dean's discretionary fund, and A&AH, as well as by student fees. Fine papers were generously donated by Arches Papers through Canson Paper Company.

Tamarind students were required to enroll in *History of the Graphic Arts II*, offered through the Department of Art and Art History. The course was taught by adjunct faculty member Catherine Klinger.

The Professional Printer Training Program ended on May 11, 2002. One senior printer fellowship was awarded for 2002-03 to Valle Baranda-Ferrero.

(B) Research

Senior printer Ulrich Kühle made a CD rom with text and images to be included with the manual on photolithography that will be published by Tamarind. Erin Maurelli did research on Charbonnel tusche to investigate problems that have been experienced with this classic material. She conducted extensive tests in an attempt to discover the source of the problems, and possible solutions.

(C) Summer Workshop

A month-long workshop in Aluminum Plate lithography was offered from July 9 - August 3, 2001. The workshop, taught by Rodney Hamon, included the following participants: Per Anderson (Veracruz, Mexico), Abelino Bautista (Fresno, California), Alyse Bernstein (Philadelphia, Pennsylvania), Lari Gibbons (Dayton, Ohio), Peter Power (Chicago, Illlinois), Donna Ruff (Brooklyn, New York), Yolanda Spinola (Seville, Spain), and Christopher Thomas (Flourtown, Pennsylvania).

(D) Monotype Workshop

Seven New Mexico artists participated in a day-long monotype workshop at Tamarind on April 13, 2002. Cards were sent to New Mexico artists announcing the opportunity to make monotypes assisted by Tamarind printers and students for a fee of $175.00. Due to interest beyond what we could accommodate, places were offered to those whose cards were randomly selected. Participants included Clark Hardgrave, LaVerne Harper, Jenny Lind, Terri Marsala, Katherine Noe, Phil Peterson, and Angela Rosencrantz.

(E) Offsite Lectures and Workshops

Education Director Rodney Hamon conducted a ten-day aluminum plate workshop at the Politécnica University in Valencia, Spain, November 19 – December 1, 2001. The workshop was attended by graduate printmaking students in the Faculty of Fine Arts, as well as by several teachers of lithography from other cities in Spain. Hamon was also invited to teach a two-day workshop on aluminum plate lithography at the University of Texas, El Paso, February 5-6, 2002. From October 13 –20, Master Printer and Workshop Manager Bill Lagattuta taught a one=week workshop on special

techniques, including posi-grain photo plates, waterless lithography, positive working plates, and Pronto plates, at TAGA workshop in Caracas, Venezuela. He also taught one-day workshops on working with Pronto plates in Belgrade, Serbia, and Ljubljana, Slovenia, in November 2001. Director Marjorie Devon lectured at the University of Texas, El Paso, in January in conjunction with an exhibition of Tamarind prints there. She also did a walk-through of the exhibit for students. In June, Devon spoke Museum about lithography and recent Collectors' Club prints to a group of collectors associated with the Amarillo Art Museum.

Tamarind was well-represented at the First Symposium of Professional Printmaking sponsored by the Centro de Formación y Producción de Grabado, which is affiliated with the Museo de Arte Abstracto de Zacatecas Manuel Felguerez, Mexico, February 20-23, where staff members Marjorie Devon, Cynthia Barber, Bill Lagattuta, and Rebecca Schnelker participated in panel discussions; Devon also spoke on print publishing at Tamarind.

(F) Mentorships

Duane Mapatis and Christine Schwathe, students in the printmaking department at the University of New Mexico, completed independent study programs at Tamarind during the fall and spring semesters respectively under the sponsorship of UNM printmaking professor, Yoshiko Shimano. This kind of an exchange has long been encouraged by Tamarind, but this is the first time in many years that the art department has taken advantage of the opportunity. Lulu Lederman, Paul Garcia, and Shannon Hayes volunteered in the pressroom to learn more about lithography.

II. EXHIBITIONS OF TAMARIND LITHOGRAPHS

(A) Tamarind: 40 Years

The exhibition tour of *Tamarind: Forty Years*, under the auspices of TREX (an affiliate of the Museum of Fine Arts, Santa Fe, New Mexico), originally scheduled to begin in June, 2002, was delayed. The tour will open at the Toledo Museum of Art in October 2002.

(B) *Multiple Impressions: Native American Artists and the Print*

This exhibition of Tamarind lithographs by Native American artists, curated by Joyce Szabo, Chair, Department of Art and Art History, and traveling under the auspices of TREX, was shown at Newman University in Wichita, Kansas August 1 – October 31, 2001 and at De Saisset Museum in Santa Clara, California, December 1, 2001 – March 15, 2002.

(C) Other Exhibitions

Tamarind lithographs by Lesley Dill, Hung Liu, Squeak Carnwath, Jaune Quick-to-See Smith, and Emmi Whitehorse were included in an exhibition in the Laura Mesaros Gallery, at West Virginia University, Morgantown. Lesley Dill, Margo Humphrey, Hung Liu, Jaune Quick-to-See Smith lithographs were shown at Georgetown College in Kentucky February – June, 2002. Two Clinton Adams lithographs, *Extension* and *Return to Collioure* were exhibited at the New Orleans Museum of Art in conjunction with the Southern Graphics Conference, and lithographs by Margo Humphrey and Robert Colescott were included in an exhibition at the University of Maryland. Sue Coe's lithograph, *The Unspeakable Pursuing the Uneatable* was included in a solo exhibit of her work at Lewis and Clark College in Portland, Oregon.

(C) Print Fairs

Tamarind was invited by the organizers to participate in the ART Santa Fe fair, which took place July 12 – 15, 2001. The effort proved worthwhile for the exposure and some sales because expenses were minimal. However, attendance was low even though the fair coincided with the opening of the SITE Santa Fe Biennial, and may not have been profitable if the space had not been provided free-of-charge.

The annual IFPDA Print Fair was cancelled due to the tragic events of September 11th, which made the Park Avenue Armory space, then occupied by National Guard troops, unavailable. Tamarind decided not to participate in the alternative fair that was held in a Manhattan hotel.

(D) **Narratives In Print: Selections from Tamarind Institute 1993 - 2000**

Narratives In Print: Selections from Tamarind Institute 1993 – 2000, curated by Kate Boninsinga of UTEP, was shown at the University of Texas, El Paso, from January 17 through February 21, 2002.

III. SPECIAL PROJECTS

(A) Fundación Andes: *Grabado chileño en el siglo XXI*

The marketing seminar was postponed until January 2003 because American Airlines, due to the effects of September 11on the airline industry, was unable to provide the promised airline ticket for a Tamarind staff member to travel to Chile. Amigos del Arte reports that American Airlines has made a firm commitment to providing the tickets for the upcoming activities, including the participation of a lithography professor from Chile in Tamarind's summer workshop in 2002.

(B) *Tamarind at 40:* UNM Press publication

Tamarind: 40 Years (see 1999-2000 Annual Report, section II-C) was reviewed in *Print Quarterly* (XVIII, 2001) and in the *New Mexico Historical Review* (Volume 76, Number 1).

(C) Lecture Series

Tamarind's Spring Lecture Series was funded again by the College of Fine Arts Outreach Program and the Graduate Art Association. Artists Harrell Fletcher and David Schorr presented their work on March 20 and April 24, respectively, to audiences that included students, faculty, staff, and collectors from the community.

(D) *Artext*: City of Albuquerque

The texts for the project were printed by Bradley Hutchinson of Digital Letterpress in Austin, Texas. The monotypes and texts that comprise the Artext project (see 1999-2000 Annual Report, section III-F) were installed temporarily in the downtown branch of the Albuquerque Public Library. A dedication ceremony, attended by Mayor Martin Chavez, and other city officials as well as Tamarind staff and several of the participating artists, was held on Saturday, April 13, 2002. The prints will be installed permanently as part of the City of Albuquerque's public art collection once the café area of the library has been constructed.

(E) Exquisite Corpse

Larry Brown, Elena Climent, Harrell Fletcher, Leif Kath, and Yoshi Hayashi contributed pieces to the Exquisite Corpse portfolio this year.

(F) Connections (Trust for Mutual Understanding)

Tamarind staff members traveled to six countries: Marjorie Devon to Kosovo and Macedonia in March/April 2002; Bill Lagattuta to Serbia and Slovenia in November 2001; Marguerita Larned to Bosnia-Herzegovina and Croatia in March, 2002; to meet with artists and visit galleries and museums. Devon gave talks on contemporary printmaking in the United States at the Academy of Fine Arts in Pristina, Kosovo and at the Academy of Fine Arts in Skopje, Macedonia. Lagattuta gave workshops in Serbia and Slovenia, and Larned spoke about the history of Tamarind Institute and its international projects at the Academy of Fine Arts in Zagreb, Croatia, and at the Academy o Fine Arts in Sarajevo, Bosnia-Hezogovina.

Tamarind staff members brought artists' materials to Tamarind for review by the staff. Six artists were selected to complete month-long residencies at Tamarind, based on aesthetic quality of their work, and the artist's interest in and ability to work in lithography, with consideration given to gender balance and variety of imagery.

Zlatan Filipović from Bosnia-Herzogovina; Mirjana Vodopija from Zagreb, Croatia; Adam Pantić from Belgrade, Serbia; Damijan Kracina from Ljubljana, Slovenia; Tahar Alemdar from Kosovo; and Ana Stojkovic from Skopje, Macedonia collaborated with Tamarind printers Valle Baranda-Ferrero, Sarah Dudley, Rodney Hamon, Ulrich Kühle, Bill Lagattuta, and Erin Maurelli from June 3 – 28, 2002. Each artist completed several lithographs, and two were selected to be editioned as part of the project. These lithographs, together with additional works in other mediums by each artist, will be exhibited in each of their countries, as well as in the United States. The exhibition, "Restaur-ation," a play between the words "restaurant" and "restoration," will take the form of a restaurant, a metaphor for the dialogue between peoples.

The artists also participated in a number of events while in New Mexico. A welcome barbeque was held on June 2 for Tamarind staff, project donors, and the artists at the home of Marjorie Devon , and a well-attended public reception was held in the Tamarind gallery on June 7. The artists gave a public presentation at the Santa Fe Art Institute as a part of their ongoing lecture series, Conversations on Art and Society, on June 10; a reception in their honor followed the presentation. SITE Santa Fe hosted a reception for the artists on June 22. On June 26, they presented the lithographs they had completed during the project in a public presentation ion in the Tamarind gallery. Four of the artists spent one week in New York at the end of the Tamarind residency; the other two chose to return to their countries at the end of the residency. The project was immensely successful in all respects. Questionnaires completed by the artists at the conclusion of the project indicated that the project was, from their point of view, very valuable in many ways. It was rewarding for the Tamarind staff and the community at large to learn more about the Balkan art community and political situation.

An interdisciplinary course, developed in conjunction with Tamarind to take advantage of the artists' presence at UNM, was offered through the History Department by Professor Melissa Bokovoy. *Art, Identity and Politics in the former Yugoslavia* (three credit hours) explored, through film and visual art, the intersections between culture and politics; each artist gave a presentation to the class, and the class visited Tamarind to see the artists work in progress.

Funding from the Trust for Mutual Understanding covered the travel and per diem expenses for the Tamarind staff and Yugoslav participants. A fundraising letter generated an additional $8,850, which was used to pay extra printers' salaries for the month of June, and for the taping and editing of a documentary videotape, to be produced by Bob Willis.

(G) ArtStreet Project (CFA Outreach)

(See section III-H, 2000-2001 Annual Report) With the assistance of a small grant from the College of Fine Arts Outreach Program, Tamarind Professional Printer Training program students, with Professor Rodney Hamon, conducted a series of workshops on printmaking at ArtStreet, an open community workshop affiliated with Healthcare for the Homeless. On four Fridays during March and April, community artists created lithographs on a Tamarind press that had been set up in their workshop with the assistance of Tamarind students. The prints were exhibited in the display area of the Albuquerque Sunport during the month of June, 2002. A reception for the artists and one night sale of the prints is planned for July in the Tamarind gallery.

(H) Bravo Award

Tamarind Institute was recognized by the Albuquerque Arts Alliance for excellence in the visual arts at an awards banquet on April 6, 2002 at the Marriott. KNME produced a short video on the Institute.

(I) Newsletter: *Impressions*

The first issue of *Impressions* was published in March and elicited many complimentary letters and e-mails responses. Editor Cynthia Barber is planning a second issue devoted to dfferent forms of collaboration with a projected publication date of November or December, 2002.

IV. THE TAMARIND PAPERS: A JOURNAL OF THE FINE PRINT

Discussions were initiated regarding the publication of an on-line version of *The*

TheTamarind Papers. Robert Conway was approached to edit an issue that would address technological changes in the field of fine art printmaking. Although he agreed to edit this issue, he is not able to do so until he finishes several other projects.

V. OTHER ACTIVITIES

(A) The Tamarind Foundation

Jim Dine was commissioned to do the Collector's special edition; 95 memberships were sold. *Self-Portrait in Grease* , a large, one-run lithograph, was enthusiastically received by the Collectors. Dine also collaborated with Robert Creeley on a book project, *Pictures*, while he was at Tamarind.

The Foundation provided scholarship assistance to four printer training program participants.

(B) Public Relations

The Institute continued to offer tours for the public on the first Friday of every month. A number of special tours were given for museum groups, including the Milwaukee Art Museum, and Travel Adventures into Art, as well as for printmaking and art history classes from UNM and TVI.

Articles on Tamarind appeared in *The Albuquerque Journal* and *The Collectors Guide*, and Tamarind prints were reviewed in *Art on Paper*.

(C) Gallery Events

After the IFPDA Print Fair was cancelled, the gallery organized a show, *A Change of View*, that included prints we had intended to show in New York. The exhibition featured new prints from 2001 made by visiting artists John Beerman, Larry Brown, Anna Hepler, Richard

Hogan, DeLoss McGraw, Stephanie Weber, Emmi Whitehorse, and William Wiley. In an attempt to encourage sales, a 10% discount was offered on the night of the opening reception, December 6. The opening was scheduled to coincide with Nob Hill Shop 'n Stroll event, but was poorly attended, perhaps due to competition from that event. No sales resulted from extra hours on Saturdays during the month of December.

Visiting artist Harrell Fletcher arranged for an exchange exhibition with the Frontier Restaurant. Fletcher and the Rainoseks, owners of the Frontier, curated the two-way exhibit. The Tamarind gallery looked quite different with the John Wayne and pueblos on the walls! The show was in the gallery for the last two weeks of March.

Receptions were held in the Tamarind Gallery for the Connections project on June 7 and June 26.

VI. STAFF

(A) Appointments and Separations

Staff members during the period of this report are listed below. Unless otherwise noted, all appointments continued through the year.

MARJORIE DEVON, Director

WILLIAM LAGATTUTA, Master Printer

CYNTHIA BARBER, Program Coordinator (Marketing Representative)

REBECCA SCHNELKER, Curator

RODNEY HAMON, Education Director, hired July 1, 1999.

LINDA TYLER, Gallery Director (Senior Marketing Representative); Series Editor, *The*

Tamarind Papers; resigned July 31, 2001.

MARGUERITA LARNED, Gallery Manager (Senior Marketing Representative), appointed September 12, 2001.

NANCY TREVISO, Accountant/Manager.

LAURA SMITH, Gallery Aide, appointed May 1, 2000; resigned October 19, 2001.

MARLENA TORRES, Office Assistant (work study); appointed May 15, 2000; resigned May 14, 2002.

ANA GUAJARDO, Office Assistant (work study) appointed May 15, 2001; resigned January 11, 2002.

TYLER JOHNSON, Gallery Aide, appointed November 21, 2001; resigned March 28, 2002.

SARAH OCHOA, Office Assistant (workstudy); appointed May 7, 2002.

ALISHA BAVIN, Gallery Aide (workstudy)), appointed June 12, 2002.

Printer-Fellows:

ULRICH KÜHLE, completed the Master Printer program May 31, 2002.

ERIN MAURELLI, completed the Master Printer program, May 31, 2002.

VALLE BARANDA-FERRERO began the Master Printer program on June 1, 2002.

(B) Professional Activities and Awards

Cynthia Barber's sculpture was exhibited in galleries in Arizona and California. She continued to serve on the City of Albuquerque's Public Art Program for the Interstate Corridors Enhancement project.

Marjorie Devon was invited to participate in a weekend "brainstorming" session at Crow's Shadow Institute of the Arts in Pendleton, Oregon, with other members of the contemporary art community to develop ideas that could help Native American artists enter into the mainstream art world. "Influence of the Marketplace on Print Shop Culture" was the title of a panel discussion in which Devon took part at the Albuquerque Museum in conjunction with the exhibit of the Anderson Collection of prints. She continued to serve on the advisory boards of SITE Santa Fe and the Highpoint Center for Printmaking in Minneapolis, Minnesota. Devon continued to serve on UNM's Urban Consortium committee, and was appointed to the new search for CFA Dean after the previous year's search was cancelled.

Rodney Hamon was a juror for the TVI Art Club and attended the Southern Graphics Council meeting in New Orleans, April 3 – 6, 2002. Bill Lagattuta also attended the Southern Graphics Council meeting.

Rebecca Schnelker continues her volunteer work at the Maxwell Museum of Anthropology, repairing and rebinding books for Clark Field Library/Maxwell Museum Foundation.

(C) Clinton Adams

Director emeritus and founding director of Tamarind, Clinton Adams, died on May 13, 2002 after a long bout with cancer. A memorial service was held for him on May 26 in Keller Hall on the UNM campus. Adams was an artist as well as a scholar, author, and administrator. He served as associate director of Tamarind Lithography Workshop 1960 – 61; director of Tamarind Institute from 1970 – 1985; and Dean of the College of Fine Arts from 1961 – 1976. KNME's Colores produced a half-hour documentary program on Adams, which was aired on May 25.

VII. PRINTING FOR ARTISTS

(A) Publishing

Revenue figures from print sales was $ 129,160. Sales revenue suffered greatly due to circumstances related to September 11 terrorist acts. The cancellation of IFPDA at the last minute caused us to incur extra expenses that were not balanced by the revenue from fair participation, and Of the total, 20 percent can be accredited to consultants/corporate/public collectors, 16 percent to galleries; 4 percent to museums, 16 percent to collectors, and 11 percent to foundation members, 1 percent sold through the Internet..

Museum/public institution acquisitions:

(B) Contract Printing

Total income from contract printing was $26,900.

(C) Edition Printing

Editions of lithographs printed by contract are assigned Tamarind numbers beginning with "8"; all other editions are assigned numbers beginning with "3", and monotype or monoprint projects are assigned numbers beginning with "5".

Artist	Series 3	Series 5	Series 8
Tahar Alemdar Pristina, Kosovo	1*		
Garo Antreasian Albuquerque, NM	1		
Tom Barrow Albuquerque, NM	2		

John Beerman 1
Nyack, NY

Jose Miguel Borges 1
Bezerros, Brazil

Elena Climent 3
Chicago, IL

Dine, Jim 1**
New York, NY

Debi Dodge 19
Albuquerque, NM

Roy Dowell 2
La Crescenta, CA

Zlatan Filipović 1*
Sarajevo, Bosnia-Herzogovina

Harrell Fletcher 8
Portland, OR

Gendron Jenson 1
Vadito, NM

Michael Hart 6>
Albuqerque, NM

Yoshimi Hayashi 3^
Calsbad, CA

Anna Hepler 3
Pelham, MA

Sandra Humphries 13
Albuquerque, NM

Roberto Juarez 7
New York, NY

Mickey McConnell 1
Albuquerque, NM

Clarence Morgan 21
Minneapolis, MN

Adam Pantić Belgrade, Serbia	1*		
Jaune Quick-to-See Smith Corrales, NM	1		
William Wiley Forest Knolls, CA	1^		
TOTALS:	38	59 (4 artists)	2

Key to symbols:
^ participant in exquisite corpse project
> Magnifico exhibition winner, 2000
** 2001 Collector's Club artist
* Connections project

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The University of New Mexico
General Library
Annual Report 2001-02

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November 27, 2002

UNM GENERAL LIBRARY 2001-02
ANNUAL REPORT

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General Library Annual Report 2001-02

INTRODUCTION

Frances Wilkinson, Deputy Dean of Library Services

The University of New Mexico General Library (UNMGL) is pleased to present our 2001/2002 Annual Report. This fiscal year was one of transition, challenges, and opportunities. On November 5, 2001, Robert L. Migneault, the Dean of Library Services, was placed on leave. The Deputy Dean of Library Services, Frances C. Wilkinson, became Acting Dean and in April 2002 became Interim Dean of Library Services when Robert L. Migneault began a sabbatical. He will retire from UNM on February 1, 2003. In April 2002, five candidates were interviewed for the position of Dean of Library Services. Dr. Camila A. Alire was selected and will become Dean in September 2002. The 2001/02 fiscal year was also a very productive one in which significant accomplishments in our strategic goals and priorities were either met or substantially advanced.

The General Library is an essential partner with UNM students, faculty, and staff in building dynamic knowledge environments, providing access to information and fostering scholarly communications. The library gives priority to the development of new partnerships, innovative models of learning, outreach, and the application of emerging technologies. The library has a responsibility to balance the dual challenges of advancing our digital library while also building and preserving our print collections. As a centerpiece of academic vitality on the UNM campus, the library plays a key role as a gathering place in which learning -- cutting across all disciplines, cultures, religions, ages, and points of view -- can be explored.

UNM is a member of the Association of Research Libraries and was ranked 58 in 2000/01 (the last year for which statistics are available). The UNMGL is a regional library in the Federal Depository Library Program, and uses the Innovative Interfaces, Inc., integrated library system for its online catalog, LIBROS. The library is a member of the Greater Western Library Alliance, the New Mexico Consortium of Academic Libraries, the Alliance for Innovation in Science and Technology, and the Ibero-American Science & Technology Education Consortium. Membership maximizes the purchasing power of collection monies for participating institutions.

Open 100 hours each week, the library had 1.5 million visitors enter/exit its buildings (by gate count). Its staff answered 51,594 reference questions either in person or via phone or email and presented 804 group instruction sessions to 13,770 participants. The library circulated 302,645 items from the general collection and 82,149 reserve items, borrowed 15,334 items from other libraries via Interlibrary Loan, and loaned 17,990 items to other libraries. Approximately 500 desktop computers were located within the UNMGL for use by the public, employees, at circulation and reference service desks, and in electronic classrooms.

The UNMGL consists of five branches (located in four buildings) and one annex storage facility on the main campus in Albuquerque. The five branches are Centennial Science and Engineering Library, Center for Southwest Research, Fine Arts Library, Parish Memorial Library (business and economics), and Zimmerman Library (humanities, social sciences and education). The annex storage facility is located in

the old Elks Building, adjacent to Continuing Education on University Blvd. The library employs 33 faculty, 123 staff, and approximately 150 student employees.

The UNMGL is broadly divided into Administrative Services (AS), Collections and Technology Services (CTS), and Public Services (PS) divisions. AS includes Administrative Support, Budget & Cost Management, and Employee Resources. Reporting to Frances C. Wilkinson, Deputy Dean of Library Services, it focused on enhancing communication and services both within and outside the library, and on education and training throughout the library. Library Development and Public Affairs, a separate administrative department, reporting to the Dean of Library Services, focused on fundraising, donor relations, and outreach. CTS is the administrative umbrella under which Collection Management and Resource Acquisitions, Cataloging Services, and Library Information Technology are organized. Reporting to Nancy Dennis, it focused on building, maintaining, and enhancing access to collections in multiple formats and on supporting computing technology infrastructure. PS includes the public programs and services for the General Library's five branches. Reporting to Johann van Reenen, it focused on developing and improving functions according to the principles that drove its establishment and major reorganization during the last two years. All divisions achieved significant accomplishments during the year. These accomplishments are highlighted in the reports from each division.

Significant Developments

In 2001/2002 the UNMGL continued to enhance its virtual library while making several significant improvements to the physical library and planning for other changes to better serve our users.

Enhanced Infrastructure and Reconfigured Space
The UNMGL implemented a comprehensive network upgrade in its five branches to insure robust connectivity. It utilizes workstation management techniques for public computers using standardized images and has installed Centurion Guard chips to allow maximum flexibility for the user while maintaining the desired PC configurations, restored at each reboot. The library increased the number of public computers, upgraded them, and added application software (MS Office 2000 Suite and UNM's Mirada package) to them. It also added iports for user laptops and planning for wireless connectivity in some locations is underway. The Zimmerman Library consolidated its Government Information and Periodicals & Microforms service desks, and is investigating consolidating that desk with the reference desk. Staff at these service desks provides computer assistance and just-in-time library instruction (as a supplement to our developing information literacy program).

Electronic Access and Digital Outreach
With the recent addition of the UNM Gallup branch, the LIBROS online catalog (<http://libros.unm.edu/>) now includes 14 academic libraries and several special libraries within the state of New Mexico. The UNMGL continued to develop electronic 24/7 remote access self-service functions and collections, such as expanding the e-journals and e-books collection to its main campus and where possible to UNM branch campuses. The library expanded ILLiad (http://illiad.unm.edu/illiad/logon.html), a completely electronic paperless web-based system that facilitates over 50,000 interlibrary loan requests annually, and it developed and tested Docutek Electronic Reserves System (http://ereserves.unm.edu/), which facilitates the scanning, linking, and printing of class reserve items, making them available electronically, for roll-out in the Fall 2002 semester. The UNMGL continued to serve as the contract provider for library services for the Western Governors University and for expanded services to students attending classes via UNM Extended University.

Instruction Delivery
The UNMGL has an active library instruction program and has enhanced its facilities to improve the quality of instruction delivery through upgraded computers, software, and online classrooms. The

instruction program reached undergraduate students through the Freshman Learning Communities (FLC). The library has been involved with FLC from its beginning as a pilot program. It will be involved with the Freshmen Interest Groups and the Living and Learning Communities next year. It taught a library instruction component to all sections of English 102; over one-third of these sections now also take a second optional library lab session. Subject-based, in-depth instructional sessions, ranging from one hour to several class sessions, were offered to upper-division undergraduates and graduate students. Several credit courses in library research methods were also offered. The UNMGL is planning for an Information Literacy program of instruction designed to produce students who can identify, locate, evaluate information, use it effectively and understand the issues surrounding its use. The library will partner with departments to incorporate information literacy in core classes. The program will target students throughout their undergraduate education to aid retention and prepare them for success in an information society.

Evaluation and Improvement of Services

This was the second year that the library participated in the LibQual+ survey, a research and development project designed by ARL to measure the quality of library service. The results of the 2002 survey indicated that UNM faculty and undergraduate students are the groups most satisfied with the library, and graduate students are the least satisfied. All of these groups list the scope and size of the collections as their greatest concern. Most of the comments made were complimentary about the library's staff and services. One of the most frequently cited causes of dissatisfaction was the inability to find materials on the shelves in Zimmerman. In response to this feedback, all library staff will participate in a project to shelfread the book stacks in fall 2002 (other branches are shelfread annually). In addition, a series of instructional articles on how to find materials in the library will appear in the *Lobo*. Another area of dissatisfaction was with the course reserve system and services. This year the library pilot tested Docutek, an electronic reserve system and will present it to the campus in the fall 2002 semester. In addition, service policies and staffing levels were reviewed and changed as appropriate. Other concerns included facilities and copy services. Zimmerman will begin the first phase of unifying its signage and directional tools in fall 2002. The microforms area in Zimmerman' s basement will be the first to be evaluated for comfort and appropriate layout. Overall usage of photocopying has been steadily dropping due to electronic access to many journals, while printing has increased marginally. The library will evaluate more cost effective service models in this area.

Future Plans

Dr. Camila A. Alire becomes Dean of Library Services on 9/16/02. She and her staff will have many important issues to consider and initiatives to address including strategic planning; space planning, which will include an Information Commons in Zimmerman and a new Fine Arts and Design Library; preservation planning; fund raising and outreach; the budget; collections; staffing; the future of library instruction and information literacy; and expanded hours and services. In the coming fiscal year, significant discussion, planning, and change can be expected in the General Library.

Concluding Remarks

I hope that you find this annual report useful and informative. I wish to extend my appreciation to everyone who contributed to the success of the General Library during this year of transition, challenges, and opportunities. My special thanks goes to the faculty, staff, and student employees of the General Library for their excellent work as well as for their focus and dedication to the library's mission and goals. Additionally, the support that the library received from the University administration, the Faculty Senate Library Committee, the student government (ASUNM and GPSA), and our many "friends" across the campus and the state of New Mexico helped us to realize our top priority of excellence in serving our users.

ADMINISTRATIVE SERVICES

Frances Wilkinson, Deputy Dean of Library Services

Significant Developments

Administrative Services comprises three teams reporting to the Deputy Dean of Library Services. The Administrative Support Team consists of 2 FTE administrative assistants, Budget and Cost Management consists of 6.5 FTE staff, and Employee Resources consists of 1.5 FTE staff. On November 5, 2001 the Dean of Library Services was placed on leave, the Deputy Dean became Acting Dean, and in April 2002 became Interim Dean of Library Services. In April 2002, five candidates were interviewed for the position of Dean of Library Services. Dr. Camila Alire was hired and will become Dean in September 2002.

This fiscal year was one of transition for Administrative Services, as it was for the entire General Library. The year, 2001-02 was also very productive for the department and carried out the General Libraries' priorities. To further enhance team building, communication, and customer service, Administrative Services staff completed a certificate program taught by Continuing Education Impact 2001. Highlights of fiscal year 2001-02 include: The Administrative Support Team increased its support to various library departments by taking on several new tasks, assisted with preparation and coordination of various projects and programs including Information Commons and the new Fine Arts Library planning; streamlined the back-up procedures for library administrative Web-based documents; migrated the library's organizational charts to an improved program; and continued to enhance the filing system in the Dean's Administrative Offices. Budget and Cost Management completed the Self-Check Internal Audit, updating several procedures to bring the library into compliance with University procedures; created several new comprehensive management reports; negotiated a new agreement with United Parcel Services; assessed the Copy Center's financial status and consequent attempts to decrease its deficit, conducted copy machine cost/use ratio surveys; and expanded its Web page. Employee Resources investigated a variety of issues, concerns, and complaints of employees; conducted a training needs survey to determine appropriate training opportunities to offer library employees; and worked with library managers to facilitate career ladders and reclassifications for staff as well as posting staff positions and assisting with faculty searches.

Administrative Support Team (AST)

The Administrative Support Team (AST) adapted to extensive personnel changes and increasing work assignments. As a result, the team expanded existing relationships and created new partnerships with other departments, divisions and offices. In this changing environment, the team supported the General Library's Strategic Goals to "Build Partnerships and Foster New Ways of Working," and "Support Organizational Initiatives," as well as playing a key role in its priority to "Support Organizational Initiatives." The AST developed an enhanced working relationship with the UNM Provost's Office throughout the General Library dean search process. AST was instrumental in providing room scheduling, media equipment and setup coordination, escort arrangements and copying support during this process. AST increased support to the Center for Southwest Research (CSWR), the Division of Ibero & Latin American Resources & Services (DILARES) program, and the Library Development and Public Affairs department. AST assisted the CSWR in expanding special event advertisement, designed and created the signage for the DILARES program office door and created and edited the DILARES organizational matrix chart detailing its unique team structure, matrixed from other departments within the general library; and assisted Library Development in streamlining room requests and assuming more

responsibilities in assisting with event coordination. In addition, AST performed Internet searches to locate peer institutions' images and articles concerning Information Commons (IC) concepts and designs, created an IC display board to present to the IC focus groups, and created and maintained the IC Web page; coordinated the Fine Arts Library Focus Group meeting and scribed meeting minutes; converted the General Library's organizational charts to a Microsoft Visio program that creates Web-based charts which can easily be imported into other programs used throughout the library; coordinated five Amigos workshops including advertising, distributing course materials, and providing assistance with registration; designed the Dean's office Association of Research Libraries (ARL) publication distribution database to track library distribution of ARL publications; streamlined the backup procedures for Web-based documents, eliminating the problem of using all of the allocated disk storage space assigned by CIRT by storing on zip disks all Web-based documents and their associated images; developed a subject-based filing/record system for Dean's office files; assumed the lead role in updating and editing the General Library's Disaster Preparedness and Recovery Manual, re-keying the manual from a MAC-based program to a Microsoft Word program, which required extensive re-formatting (this project is currently in process with the targeted completion date in FY 2003-2004); assumed the sole responsibility to gather and compile the Public Services Statistics data throughout the General Library system (during this time, the General Library underwent a major organizational change in which some departmental units were combined or eliminated); and assumed the responsibility of coordinating Course Curriculum Forms, developing a tracking process so the team will know where the form is during each stage of the process, increasing the turn-around time for processing to within 12 to 24 hours.

Budget and Cost Management (BCM)

BCM offers support to the librarians, staff and students who advance the General Library's mission to provide the best possible educational resources to as many library users as possible. The unit does this in two basic ways: facilitation and regulation. Facilitation refers to those activities that support the library's mission directly. There were many examples of this assistance in 2001-02. One of the most prominent involves assisting the Center for Academic Program Support (CAPS), previously reporting to the library dean but now reporting to the Associate Provost of Academic Affairs, take steps toward administrative independence from the library. BCM staff trained CAPS in student hiring, payroll and supply purchase procedures, and its senior accountant provided CAPS staff with informal budgetary workshops. BCM also created and maintains a "Faculty Merit Point History" report for library faculty to facilitate proper and equitable remuneration of library employees. Newly devised "Cost Estimate" reports and "Sick Leave Use by Year" reports allowed library management to make expenditure decisions based on current data and evaluate the level of employee morale, respectively. These reports differ from previous ones in their detail and comprehensiveness. All accounting reconciliation forms within the unit were streamlined to increase BCM's ability to report costs accurately. The forms guide the user toward correct procedures even if the employee is unfamiliar with the particular account. BCM expanded its Web page, publicizing forms and services available to librarians and other employees, and linked the page to important internal forms in MS Word, so they could be used from the Website. Finally, BCM helped negotiate a new agreement with United Parcel Service. The terms of agreement are more generous than those previously in place, and allow the General Library to decrease the cost of shipping materials to borrowing individuals and institutions.

BCM's other mission support function is one of regulation. Along with other administrative units, BCM controls the flow of expenditures against budgets and assures library compliance with federal, state, university and General Library laws and policies. The unit formalized this charge by carrying out a self-check internal audit under the guidance of the University Internal Audit Department. There were three phases to this project. The first was the initial self-assessment based on written questions posed by the Audit Department. BCM held interviews with other library personnel and designed questionnaires for

some. After the information was gathered, BCM solicited and obtained approval from the Interim Dean to make changes it deemed necessary. The second phase was writing narratives and creating illustrative diagrams for the report itself. Acceptance of the report marked the end of this undertaking as a project and its beginning as a process. In the third, ongoing phase, BCM met with the Internal Audit Department representative to discuss sensitive areas of control, and in some cases make changes based on these discussions, i.e., stricter controls of Community Borrowers' Cards, vulnerable to misuse because they are portable assets, were instituted. BCM staff also added procedures for better control of credit card purchases, began a cost-based fee structure for contracts with Sandia Laboratories for the delivery of materials, and transferred the Accounts Receivable Billing System to a network drive. Use testing was done for long-distance telephone logs. All these projects assisted in the regulation of budgets, costs and procedural compliance. Another major project was assessing the Copy Center's financial status and consequent attempts to decrease its deficit. The Interim Head of Public Services initiated the copy machine cost/use ratio surveys, which BCM conducted. The Director of Copying Services for the university joined library staff on a tour to select specific copy machines for elimination. These machines were taken out of service.

Employee Resources (ER)

ER investigated a variety of issues, concerns, and complaints with employees and misunderstandings between employees with their supervisors, co-workers, and those reporting to them, including alleged University policy, Title VII, and ADA violations. The unit continued throughout the year to provide support to managers and employees. Working with the Deputy Dean, ER met with Human Resources, University attorneys, OEO, Dispute Resolution, SHEA, and CARS to resolve pertinent issues and provide referrals to library employees as needed.

Training and development continued to be an important focus for ER this year. ER's Team Leader served as acting chair of the Employee Development and Training Advisory Committee while its chair was on sabbatical. A training needs survey was developed and distributed to all General Library employees again this year to solicit input prior to implementing a training plan. The survey had a 25% return rate. Input from Directors Forum was also sought to determine why past training had been only partially successful. Based on this feedback, indicating inconvenient training times for some staff and a lack of supervisor or managerial encouragement, and the results of the training needs survey, several workshops and training sessions were offered. The 2001-02 program was called "Organizational Development: Building a Foundation of Trust." ER continued to partner with UNM Continuing Education to deliver professional development courses to library staff. The courses are designed to create a changing culture in the organization through behavior modeling, and tie directly to UNM General Library Priorities of "Fostering Organizational Culture that is Adaptive to Change." In addition, two workshops addressing manager and supervisor concerns on civil rights issues presented by the U.S. Equal Employment Opportunity Commission were offered, as well as a workshop on "Strategic Based Hiring," designed to help managers hire the best possible candidate in alignment with the organization's mission and vision.

ER, working with library managers, continues to be highly successful in creating career ladder opportunities for library employees. Career Ladder proposals for four General Library employees were approved by Human Resources and seven career ladders approved either this or last fiscal year were successfully completed. In addition, reclassifications were approved for six library staff. The UNMGL posted a total of 14 staff positions this fiscal year. Of these, 12 were filled and two were cancelled. Two faculty Intern positions (Lecturer IIIs) were searched for nationally and will be filled in 2002-03. In addition, ER assisted with two internal faculty searches for the Director of Parish Library and the Interim Director of Fine Arts Library.

Plans and Recommendations

Customer service, organizational communication, and fostering an organizational culture adaptive to change, per General Library Priorities, will continue to play a major role in all team activities. All department members will participate in the Zimmerman shelf-reading project to improve "findability" for patrons and correct known deficiencies in the LIBROS database. In addition, the department looks forward to participating in the initiatives of the new Dean of Library Services.

Administrative Support (AST)

AST will continue to streamline and automate administrative support processes. An Administrative Coordinator will be hired to work directly with the new Dean of Library Services. Planning for the Information Commons and the new Fine Arts and Design Library as well as Strategic Planning and a Mellon Grant Proposal will require increased administrative support. In addition, a "Name the Newsletter Contest" to seek a new name for the General Library Official Bulletin (GLOB) is planned.

Budget and Cost Management (BCM)

The Business Manager and the Deputy Dean, aided by various unit staff, will assist University's Internal Audit Department in conducting an audit as a follow-up to the self-check internal audit conducted in fiscal year 2001-02. As a result of the self-check audit and ongoing meetings with the Audit Department, BCM has devised schedules for cash counts and other security-oriented ventures. In addition, UNM is changing its financial accounting system. The library's Business Manager and accountants will be actively involved in migrating to the new system.

Employee Resources (ER)

ER will rollout a Student Employee Orientation Program in fall 2002 with a strong customer service-training component. The program will include training library managers to become trainers; the managers will be responsible for training their students in customer service skills. A program for follow-up for tracking and measuring the success of the program is being developed. The ER team will work with library administrators and committee chairs to review and revise all General Library policies. It is understood that there will always be issues and concerns with employees about performance management, performance evaluations, Title VII, the ADA, or misunderstandings between employer and employee. Employee Resources will continue to work with Library administration to support training for all employees on civil rights and University policies (especially the proposed new Employee Performance Review form scheduled to roll-out in fall 2002), and to improve organizational communication.

ADMINISTRATIVE PROJECTS

Clara de la Cruz-Watral, Senior Program Manager

ARL Program

The General Library's statistics are compiled annually and sent to the University of New Mexico's academic/institutional agencies and the Academic Research Library Association. The data provides an overview of UNM General Library's finances, holdings, services, and employees. Each individual library can use the data to follow trends in services or compare services with other academic libraries. Specific data is used by the Academic Research Libraries Association to calculate the library's ranking among

other academic research libraries. This year, the UNM Library ranked 58 out of 113 university libraries. The ARL coordinator oversees the University's role and membership in the Association of Research Libraries by providing analyses and program planning, monitoring effectiveness, and developing final reports. Information related to ARL work includes implementing systems to collect, maintain, and analyze data; generating interim progress reports, final reports, and other information related to project(s) or program(s). Major surveys included the ARL Statistics Survey, the ARL Salary Survey, the ARL Expenditures Survey, the ARL Supplementary Statistics Survey, and the ARL Preservation Statistics Survey. The office also compiles the biannual IPEDs survey for the University now renamed the Academic Library Survey. At times, the ARL coordinator attends workshops or meetings hosted by ARL, as necessary.

Student Fee Review Board

Annually, the General Library submits a request to the UNM Student Fee Review Board (SFRB). The Student Fee Review Board is made up of ASUNM and GPSA student groups. ASUNM is the recognized undergraduate student government group at UNM and GPSA is the recognized graduate and professional student government organization. The library submits its request in November to fund library acquisitions. The program manager prepares the document with strong input from the dean and budget officer. Over the years, the library has been fortunate to receive substantial sums, used for library acquisitions. This year UNMGL received $208,600 to maintain and expand subscriptions to electronic journal and electronic book collections and to enhance technology infrastructure to support the 24/7 virtual library services. Next year library development will initiate a new request for funding based on Dean Alire's vision for the library.

UNM General Library Documentation

The office is responsible for communicating and advancing the library by publishing library accomplishments, services and resources. Annually, the office represents the library in its documentation efforts to various institutional divisions as well as to external agencies. The program manager administers collection, preparation and publication of the library's annual report, Student Fee Review Board Submission, the Faculty Publications and Creative Works, UNM Catalog updates and other library publications and manuals as required by university administrators. The program manager serves as the library's point of contact for UNM responses to library information. This year a new color printer was purchased to allow internal office publications printing.

Library Fact Book

The library recently published the first Library Fact Book online and in print formats. The program manager led the initiative to create a Library Fact Book, a first of its kind compilation of library facts and figures. She continues to manage and oversee the design, compilation, and publication of this valuable library product. She also assisted in hosting a first-ever meeting of UNM branch libraries to discuss participation in UNM library statistics. Libraries incorporated in the statistics include the Law Library, the Health Sciences and Informatics Center Library, Bainbridge Bunting Slide Library, the College of Education Tireman Education Resource Center, the Harwood Foundation, and the Native American Studies Center Library. Currently UNMGL has excluded UNM's Gallup Branch Campus Library, Los Alamos Branch Campus Library, Santa Fe Graduate Center Library, Taos Education Center, and Valencia Branch Campus. Discussions began in July 2002 to begin collecting data for inclusion in the UNM Web Facts document managed by the library development office. This year, the dean, with assistance from the program manager, officially invited the UNM branch libraries to join us with Law and Health Sciences to present combined UNM library statistics in the UNM Fact Book.

Plans and Recommendations

Administrative Project plans for next year includes working on the Student Fee Review Board request, the UNMGL Fact Book and coordinating the UNM Libraries update of Web Facts.

LIBRARY DEVELOPMENT & PUBLIC AFFAIRS

Clara de la Cruz-Watral, Library Development Program Manager, Library Development & Public Affairs

Significant Developments

The mission of the Office of Library Development and Public Affairs is to initiate leadership and to generate private and public resources for the university library system. The commitment of this office is to develop a fundraising program to generate cash, pledges, gifts-in-kind, and important collections for the UNM General Library. Through the public affairs and publication's division, the UNM General Library promotes the university libraries and provides constituencies greater knowledge and understanding of the projects, accomplishments, needs, and goals of UNM and its libraries.

The Office of Library Development and Public Affairs oversees the fundraising for the UNM General Library, promotes research by providing support services, and facilitates internal projects and forms external alliances. The Office of Library Development and Public Affairs represents these interests at the highest levels of the University, the library and the community. The Dean of Library Services works closely with the Office of Library Development and Public Affairs comprised of a Library Development Officer, three Program Managers, two Administrative Assistants, and three student employees.

The year 2001-02 brought significant accomplishments and major transitions for the Office of Library Development and Public Affairs. Early in the year, the Dean of Library Services took leave, the Library Development Officer transferred to the UNM Cancer Center, and the half-time Public Affairs Officer transferred to UNM Public Affairs, leaving the office without a Development Officer, a Public Affairs Officer or administrative support. The contract to provide a Development Officer for one-year was cancelled by the Provost. The Donor Program Manager became a part of the Dean's Office on a temporary assignment in 2001 and resumed development activities full-time in March 2002. The remaining Program Managers took the initiative to study existing development plans and programs and ensured that spending priorities were initiated as planned. The following reports are based on the accomplishments of the program managers.

The library development office continued to accomplish many activities this period. The attached reports are derived from each library development program manager, and reflect the fiscal year: July 1, 2001 through June 30, 2002. The general objective of the attached reports and information is to provide a detailed analysis of how library fund raising efforts are progressing by comparing what has been accomplished this year to last year for the same period.

The gift revenue for FY 2001-02 was $123,561, approximately $4,000 less than FY 2000-01, and represents work performed without a Chief Development Officer. The totals are comprised of revenue, processed through the UNM foundation and sent to the UNM General Library. This year, the office included event transaction revenues. This was revenue generated from events that the library development office managed. Major gifts were received this year from Intel ($15,000), Pepsi ($20,000), and First State Bank ($5,391). The development office scheduled several major events this year, with some projects being postponed including the Two-Millionth-Volume celebration and the T-Area Project.

Library/Athletic Partnership

In February 5, 2002, Library Development planned, coordinated, and hosted the annual Athletic/Library Partnership Dinner at the University president's house. Working closely with UNM presidential staff, the office coordinated and invited 50 library corporate donors and guests to dinner with the president.

Several high profiled businesses were recognized at this event including Pepsi, First State Bank and Intel. After dinner, guests were invited to the LOBO Men's Basketball game against UNLV. The culmination of the event was a check presentation for $15,000 from Intel.

First State Bank Affinity Card

This fall 2001, Library Development gained approval from UNM Foundation to participate in a mailing campaign with First State Bank for the last time. This campaign has brought in more than $5,391 this fiscal year and more than $33,159 since 1996. This will be the last year of involvement in this program because the UNM Foundation wants to take over this program for other campus priorities. The program has been instrumental in giving the library additional revenues for acquisitions. First State Bank issued an affinity credit card to benefit the UNM General Library. The credit card offered exceptional benefits and a low interest rate of 8%. Choosing to apply, the $25 initiation fee was waved by First State Bank and paid by the bank to the libraries. In this way applicants automatically became Friends of the Libraries. The mailing this year went to all UNM employees and included UNM branch campuses. The library will honor First State Bank along with other corporate donors in a spring 2003 partnership reception.

Regents Challenge Grant & Journals Challenge Grant

The Regents Challenge Grant is a longstanding library partnership with the UNM Board of Regents from 1994-99. In 1994, the office created a challenge for new donors by matching, dollar for dollar, individual contributions. Knowing that each dollar contributed was matched by the Board of Regents inspired many to give. In 1999-00, working again with the Board of Regents, library development created yet another inspirational matching program, "Joining Together for Journals Regents Challenge Grant." This new three-year grant focused on recouping the $900,000 the library lost in journal subscriptions over the last decade. A mailing was initiated with Board of Regents support to purchase journals. This commitment ends in April 2003.

This great partnership has resulted in more than $2.5 million raised cumulatively through major gifts, collections, corporate sponsorships, foundation grants, and individual gifts for the libraries. Library collection development supports curriculum and research at UNM. Acquiring collections and access to these collections is critical to serve the information and research needs of the University community and is the library's first priority. Many resources now can only be made available through electronic collections. The library's inadequate budget does not allow it to acquire the latest digital resources. The Regent's Challenge Grant allows the library to leverage its ability to serve students, faculty and community patrons. The library also uses this support to expand computer hardware, software, study areas and equipment that incorporates telecommunications and technology with electronic and traditional library services. In fall 2003, the library will honor the UNM Regents for their generosity through the years.

Ford Room Dedication Reception

In April 2002, the library coordinated, hosted and executed the dedication of the Ford Online Research and Discovery Room. John Mendel, a senior Ford Motor Company Executive, was on hand to accept a library award along with various Albuquerque Ford Company personnel. Based upon a significant partnership with the Ford Motor Company, the library was able to formally recognize Ford's contribution of $177,000 toward creating an Information Commons where students and faculty can learn to access electronic information. A portion of Ford's gift was also designated for journal acquisitions. Through the Ford partnership, the library will be able to meet the information demands of 21st century library users. The reception was held in the foyer of the second floor adjacent to the Ford Reading Room in Zimmerman Library.

Raul D. Dominguez Garden Dedication Reception

This garden was dedicated on November 16, 2001. Jim and Rebecca Long donated the renovation funds for this area named in honor of her late father, Raul D. Dominguez.

UNM General Library Blood Drive

Critical following September 11, 2001, the library's partnership with United Blood Services (UBS), continued its fourth year sponsorship of a blood drive for the community and in the process provided money for the library. The blood drive was held on Monday and Tuesday, October 29th and 30th in UNM's Zimmerman Library. Library Development coordinated the entire activity and collected 226 pints of blood during the two-day event. This partnership provides an impetus for UNM staff, faculty, and students to benefit the community and the libraries.

Faculty Acknowledgement Program

The Library Faculty Acknowledgment Reception Program began in 1994 to provide special recognition for UNM faculty for significant achievements in research and other scholarly/creative publications and projects at the University. This has been an ongoing monthly program to acknowledge faculty in each college for outstanding work, which in turn facilitates a stronger relationship between the UNM faculty and the General Library. Receptions are held on a Thursday each month, from 3:00 p.m. to 4:00 p.m. Library Development plans and coordinates the activities including developing news releases about the event, creating flyers and scripts directing the entire event. This year's UNMGL Faculty Acknowledgement program successfully recognized outstanding UNM faculty from the Anderson Schools of Management, the College of Arts and Sciences, the College of Education, the College of Fine Arts, the School of Architecture and Planning, the School of Engineering, and the General Library. Honored faculty photos were placed on a special Development Web site.

The honorees for this year included:

- Dr. Arup Maji, School of Engineering honored on September 27, 2001
- Charlotte Gunawardena, College of Education honored on October 25, 2001
- Susan Pearson Davis, College of Fine Arts honored on November 15, 2001
- Baker Morrow, School of Architecture and Planning honored on December 13, 2002
- Jeanne Logsdon, Anderson Schools of Management honored on January 24, 2002
- Jane Buikstra, College of Arts and Sciences honored on February 28, 2002
- Susan Deese-Roberts, General Library honored on March 28, 2002

McCune Charitable Foundation

In 2000, the library was awarded a grant from the McCune Charitable Foundation to help preserve the University of New Mexico General Library's Latin American Sam Slick political poster collection. The grant was used to purchase 80 map cases to preserve and store a collection of 10,299 Latin American political posters acquired from a private collector in January 2001. The collection constitutes a unique visual record of political, social and cultural life and change in Latin America and Spain from the early 1970s to present. Total value of collection is $260,000. The poster collection is the largest of its kind in the world and carries extraordinary value and interest for students, scholars, and various segments of the public, noting UNM as one of the country's leading Latin American Studies programs that holds the sixth largest Latin American collection in the U.S. The posters will serve as an effective teaching aid in the

traditional classroom and in newer, innovative ways such as digital formats and electronic access via the Internet. UNM faculty members in social sciences are also eager to integrate this political poster collection into interdisciplinary instruction in the future. In 2003, library development will support the Latin American programs librarian in hosting a reception and exhibiting the posters in Zimmerman Library.

McKee Foundation

In 2000, the library was awarded a $9,000 grant from the Robert E. and Evelyn McKee Foundation. The Centennial Science and Engineering Library (CSEL) proposed this grant to purchase five Dell Dimension 4100 computers to support a powerful geographic information system called ArcView. In spring 2003, library development will support the Director of CSEL in hosting a reception to present the foundation with a view of the new computers. Foundation representatives and UNM faculty and staff will be invited to a reception at CSEL to recognize this grant. A demonstration of ArcView on the newly purchased computers will be given at that time. UNMGL will also formally acknowledge the foundation's contribution with an attractive plaque in CSEL. The custom-made tin-framed acknowledgment will be hung outside the entrance of the Electronic Information Access Center in the Centennial Science and Engineering Library. CSEL Web pages will acknowledge the foundation for its contribution with a brief description of the funded project and the foundation. Faculty, researchers, students and employees of CSEL's community partners will see this every time they visit these CSEL Web pages. Press releases will be sent to regional print media in New Mexico and west Texas, as well as to UNM public affairs publications. The intent is to promote the project and its innovative and unique elements.

Donor Gifts & Reporting

Reporting and recording donor activities is a major part of library development. Drafting correspondence, recording donor information, tracking donor pledges, maintaining budget reports, donor correspondence files, special photos and publicity files are some tasks. Additional work includes planning and coordinating direct mail appeals, employee annual campaigns, and cause marketing projects. The office also participates in and contributes to successful performance planning and execution of special events requested by library employees.

The office developed a new donor database to accurately track donors and their gift levels. The database will provide information for the CDO to make accurate prospect calls on donors. The database has been helpful to identify the type of donors and gift levels. With this information the office was better prepared to send thank you letters crafted specifically for each donor. The office has discovered there are four types of library donors:

1. New Donors: Donors who were solicited recently from the Dec 2001 employee mailing campaign or from the library Web site.
2. Recurring Alumni: Donors who give yearly amounts from $10 up to $500.
3. Recurring Employees: Employees who give monthly amounts from $5 up to $100
4. Recurring Special Donors: Donors who give annual amounts from $500 and over.

Library News and Publicity

As mentioned at the beginning of this report, the office lost its .5 FTE Public Affairs employee to UNM Public Affairs in January 2002. This employee was instrumental in providing outstanding publicity coverage for library programs and activities through the years. Publicizing UNM General Library people, programs and initiatives continued through extensive print publicity provided through many press releases picked up by local and national media. Additional efforts to publicize the library took place by placing information on the UNM homepage and Inside UNM. Additionally, library news items frequently appeared electronically in the General Library Online Bulletin (GLOB). In spite of her

transfer, the office coordinates with Carolyn Gonzales, UNM Campus Public Affairs on library news and this year she provided extensive coverage for the library as evidenced by the 44 entries below. She retained the library as her department beat. Every news item is documented and logged in a Press book located in the development office. A log entry is made concerning the title of the news item, date it appeared and in what publication. A list of this year's log is attached.

Press Coverage July 2001 – June 2002		
Date	**Subject**	**Media**
10-Jul-01	Library Dean To Step Down Next Year	Public Affairs Website
30-Jul-01	Two Deans To Leave UNM	Campus News
20-Aug-01	NMCAL Picture	Campus News
20-Aug-01	Library Begins Infocommons	Campus News
20-Aug-01	Access History Through Online Archive	Campus News
24-Aug-01	Library Says Change Won't Interfere	Daily Lobo
4-Sep-01	Library Masters	Campus News
4-Sep-01	Prof. Arup Maji honored at Faculty Acknowledgement Reception	Campus News
17-Sep-01	Library Acquires Latin American Posters	Campus News
17-Sep-01	Faculty Acknowledgment Reception Honors Maji	Campus News
23-Sep-01	Archive Offers Access to History	Albuquerque Journal
15-Oct-01	Tijerina Archive Aids Research, Offers Insight	Campus News
15-Oct-01	400 Years of NM History Now Online	APS Newsletter
24-Oct-01	Zimmerman Project Dusts Off Old Periodicals	Public Affairs Website
29-Oct-01	United Blood Services Draws On U	Campus News
29-Oct-01	GL Honors COE's Gunawardena	Campus News
1-Feb-02	Parish Library	New Mexico Woman
11-Feb-02	DILARES Program Expands Library's Latin American Initiative	Public Affairs Website
11-Feb-02	Anderson Schools Professor Honored	Campus News
11-Feb-02	Library Cosponsors Writers Series	Campus News
18-Feb-02	CAPS touts its Tutoring Success	Daily Lobo
25-Feb-02	Coming Home to Meem Designs	Campus News
27-Feb-02	Library Welcomes 'Pueblo Revival'	Daily Lobo
11-Mar-02	Library Users See changes inside, online	Campus News
13-Mar-02	Call For Papers Issued for Frank Waters Centennial	Public Affairs Website
31-Mar-02	31 Flavors	Daily Lobo
27-Mar-02	UNM News Minute	UNM Email
27-Mar-02	Candidates for UNM Library Dean Named	Public Affairs Website
29-Mar-02	The UNM Library's Faculty Acknowledgement Honorees	Office of the Dean Website
04-Apr-02	Library Users To Rate Efficiency	Daily Lobo
08-Apr-02	Would you Like Coffee with that?	Campus News
08-Apr-02	Candidates for UNM Library Dean Selected	Campus News
09-Apr-02	SFRB Process Empty for some student groups	Daily Lobo
10-Apr-02	Open Forum With Library Space Consultant Set	Public Affairs Website
10-Apr-02	UNM News Minute	UNM email
15-Apr-02	UNM Creates Political Papers Program	Hitchhiker
17-Apr-02	Consultant: Campus libraries need more space, technology	Daily Lobo
19-Apr-02	Candidates vie for Dean Vacancy	Daily Lobo
22-Apr-02	Cramped Fine Arts Library Will Move To Architecture	Campus News
25-Apr-02	Land grant Battle Focus of Student's Tijerina Analysis	Daily Lobo
29-Apr-02	Faculty and Staff Honored at 21sr Annual Service Program	Campus News
01-May-02	UNM News Minute	UNM Email
01-May-02	Several Positions Filled with current staff, newcomers	Daily Lobo
03-Jun-02	Library Dean Named	Campus News

Library Outreach

Library outreach coordinated and ensured that library information was communicated and made available to UNM faculty and students. The office continues to participate in various committees supporting the library's priorities, goals and mission and sponsorship of activities, which inform and illuminate matters of public interest, including the Collections Group, GLLIB and Library Staff Forum. This year, the library development office provided gifts mugs to new UNM Faculty during welcome back days and pens and magnets to UNM students. It also handed out gifts to UNM's Homecoming Committee, and UNM Fair Days to use as prizes. The office also participated in UNM Fair Days on September 2001, creating a special library panel board depicting library branches with photos and information. The office also participated in major planning for the Library Staff Forum's sponsorship of the Library Ice Cream Social scheduled this summer 2002.

Acknowledgement Programs

The Library's Office of Development and Public Affairs held several acknowledgement programs this year to inspire individuals to give to the University Libraries. Some of the programs included thanking donors with the library's "Bookcase Wall" at the Zimmerman Library and special donor recognition Web pages. Pepsi was honored for eight years of giving totaling $160,000 to the library with a special bookmark. Library development, working with assistance from a campus graphic artist, created a special library bookmark with the Pepsi trademark and library information. The bookmarks have been used for giveaways at library branches and special events. This spring 2003, the library will honor Pepsi and corporate sponsors including First State Bank and Intel.

Development Web site

The Development Web site continues to evolve and now includes information about activities and events highlighting major library activities, such as Faculty Acknowledgement Receptions and past library events. The library also honors past and active donors by posting names of the top-giving members. It also offers donors a convenient process in which to donate to the library.

Library Events Management

This year the library development office was given the added responsibility to manage and oversee events in Zimmerman's West Wing. The office drafted a new policy to allow hourly and daily rental of the library's West Wing and Willard Reading Room space. The development office managed and coordinated more than 80 events this year and monitored a total of 41 events. Approximately $2,895 in revenues was recognized by this office's work. This amount could have easily tripled if we were charging the UNM President, Provost or ASUNM and GPSA groups. Most events were not related to library fundraising, but were associated with UNM campus departments and a few community patrons including the NM Symphony and National Institute of Dance. Tremendous work is involved to manage and oversee events. Both library development and circulation staff must remain in the library long hours during evening and weekends from set-up to monitoring the event, to clean up.

Special Projects

The legislative initiative regarding the Remote Storage Facility was again supported by the Commission on Higher Education, the New Mexico Consortium of Academic Libraries, and the two-year and four-year institutions in New Mexico. The planning monies are a component of the legislative priority list as established by the University of New Mexico. However, Senator Manny M. Aragon introduced SCO511 to fully fund the project at $10 million for a structure of about 75,000 square feet. Unfortunately, the legislative session of 2002 was a short session and the bill was not heard. Because it continues on UNM's priority list through 2006, advocacy for the storage facility is part of the development programming for years to come.

Providing Outside Support

When requested by library employees, the office was engaged in planning and coordinating of special projects and events. Work began this year to establish a system to monitor Development administrative activities and deadlines. This year the office received many unprogrammed requests for funding and support. The office developed a library development request policy to ensure that library personnel and programs were integrated strategically into the office's program priorities. Library development awarded DILARES $200 for printing pamphlets about the new library program.

Major Purchases

The development office purchased several items for library wide use including:

- 40 inch TV
- Overhead projector
- Portable microphone system
- VCR & cart
- Two 8 foot tables for library events
- 62 Chair cushions for the Willard Room
- Media cart for the Willard Room (paid by Willard Reading Room Endowment) by John Gaw Meem designs
- LIBROS Computer table for 2nd floor landing by John Gaw Meem designs

Plans and Recommendations

The Office of Development & Public Affairs has the following priorities for 2002-03

- Continue initiatives to obtain monies for an off-site storage facility
- Continue the Bonds 2002 initiative to obtain monies through an ambitious legislative drive to obtain public, school and academic funding
- Continue processing the Albuquerque Historical Society collection, the NM Women's Legal History Collection, the Helen Chandler Ryan Collection, and the Leon Watson Collection
- After obtaining the William A. Keleher Collection, finish oversight on the appraisal of the materials, schedule an acknowledgment event for the donors
- Follow progress with Wells Fargo, Ford Motor Company, the Regents Challenge Grant, and Intel Scores for Scholars
- Continue Faculty Acknowledgement Program 2002-03
- Begin planning for an exhibit of Latin American Posters and reception highlighting the Albuquerque and McCune Foundation's support to the library
- Hold a special reception at CSEL for McKee Foundation to highlight new computers purchased with foundation money
- Participate in a Blood Drive for 2003

- Improve content and appearance of Development Web Pages
- Completion of the Regents Grant 2003
- Publicize UNM General Library people, programs and initiatives through extensive print publicity provided through many press releases picked up by local and national media.

UNM POLITICAL ARCHIVES (UPA)

(AN EXTENSION OF LIBRARY DEVELOPMENT & PUBLIC AFFAIRS)

Rose Diaz, Research Historian/Political Archives,
Library Development & Public Affairs

Significant Developments

Consolidating the unprocessed/uninventoried political papers held by UNM's Zimmerman Library has long been a focus point of discussion and includes collections of Senators Montoya, Schmidt, Domenici, Congressmen Schiff and Lujan, and NM State Representative Kammerman (~2,100 cubic feet of materials). Serious consideration was given to accomplishing consolidation when plans were put into motion to move the library holdings located at the University Volkswagen Building (UNMGL Annex, due for demolition) to the old Elks Building leased by the University in the summer or fall of 2001. As these plans fell into place at the university administrative level, Dean Migneault requested an internal plan to consolidate existing political archives and to close out accounts and move collections held in commercial storage. To accomplish this, a series of moves had to occur that included the library staffs of the University Volkswagen building, Fine Arts Library (FAL), Center for Southwest Research (CSWR), and the commercial storage sites of Kachina Mayflower Moving and Storage, and Iron Mountain Records Storage.

Moving existing office and collection holdings from the Annex (University Volkswagen) to the old Elks building occurred in October 2001 over a two-day period and consisted of approximately 1,200 cubic feet of materials. During January 2002, a move of unprocessed political archives (~1,300 cubic feet) was delivered to the Elks Building from the Center for Southwest Research (B3). Non-political archives were sent to the CSWR (~600 cubic feet), however, several hundred cubic feet of material remain at the Elks building for review and evaluation by the CSWR staff. The FAL materials continue to be relocated, as catalogers are available to work on those materials.

In March and April 2002, deliveries from Kachina Mayflower and Iron Mountain Records Storage brought additional materials (Lemke architectural collection, political archives, and miscellaneous CSWR collections). This delivery added an additional 1,000 cubic feet of materials and closed out all commercial storage facilities and accounts. By June 2002, all these collections were identified, matched against existing records, sorted, shelved, and box counts completed.

In addition, a proposal to consolidate and focus work on the political archives was delivered to Dean Migneault in March 2001 and approved that May. In July 2001, staff began implementing coordination of the political archives. It was determined that the amount of money necessary to facilitate inventory work and database development on the 2,000+ cubic feet of political archives required extensive financial resources (several million dollars), and space. Since those resources (financial and human) were not readily available to the General Library, the project was placed administratively under the UNMGL Development Office to facilitate sorting, processing, inventory work, and fundraising. The political archives location for unprocessed collections became the Elks building. November and December 2001 were spent in the Elks building moving-in process. The facility was furnished with existing and surplus property, and required considerable work to complete the facility refurbishing. UNM Real Estate did not approve tiling or carpeting of the floors, nor did they see the need to seal existing walls from dust, dirt, and potential infestation from other the surrounding unused portions of the building. Dean Migneault provided a $50,000 budget to bring the building up to minimal standards (warehouse space and work

areas for staff). The majority was used to cover building improvements and to gather preservation supplies and materials to sort, clean collections, process, and inventory work. Actual monies totaled $48,000, as follows:

Support

ITEM	DOLLARS	PERCENT
Facilities Completion	$18,798	39.0 %
Preservation Supplies	15,155	32.0 %
Manuscript Shelving	6,593	14.0 %
Contract Preservation Projects	2,791	5.3 %
CSWR Scrapbook		
Oral History Transcription		
Equipment	1,966	4.0 %
Warehouse ramp, ladder,		
Hand carts, AV equip		
Staff Training	1,177	2.5%
Grant Writing Workshop		
Education Information/Reference	817	1.7%
General Office Supplies	703	1.5%

In-kind support

ORGANIZATION/INDIVIDUAL	IN KIND	DESCRIPTION
Center for Regional Studies	$25,000	2 pt/time students employees 1 student, (Dec-June, 30 hrs/week)
Center for Regional Studies	$3,000	Support for 3 students to attend NCPH/Congressional Archives sessions, Washington D.C.
Metal Edge West, Larry Gates	$1,000	Discount preservation supplies
Paxton Lumber Co.	$175	15% discount/shelves for metal units
Oak Express	$246	5% discount on furniture

Other Support

INDIVIDUAL	IN KIND	DESCRIPTION
Garlan and Sally Bryan	$ 3,000	Furniture purchase

Volunteer Support

INDIVIDUAL	IN KIND	DESCRIPTION
Samuel Armijo/St. Pius HS	$ 385	55 hours @ $7/hr
Valerie Armijo/St. Pius HS	$ 525	75 hours @ $7/hr
Paul Truman/Albq HS	$ 1,540	220 hours @ $7/hr
Total	$ 2,450	

Total in-kind and cash contributions amounted to $34,871 or the equivalent of recovering 73% of the start-up funding provided by Dean Migneault for FY 2001-02. In short, using the monies the unit attracted toward recouping the costs of set-up leaves a balance of $13,129 that can be considered the final start up costs for this facility.

The spring semester was spent moving materials (internally and between buildings); taking inventories, and continued processing of the Reies Lopez Tijerina collection, 100 cubic feet of material. Collections processed and inventoried by the UNMPA staff were transferred back to the CSWR. These included 125 cubic feet of materials in the Albuquerque Title Company Records and 68 cubic feet of material in the NM Endowment for the Humanities collection. These two collections amounted to 193 cubic feet of material completely processed and inventoried for the CSWR. In addition, staff and students began working on the Hal Dean architectural collection (90 boxes and 600 tubes of architectural drawings). Work continues on both collections. (The Tijerina collection was in process at the old building and about 50% complete, and the Hal Dean Collection also required cleaning, sorting, processing and inventory work before it is moved back to Zimmerman Library.) Once those collections are completed, the staff and students will turn primarily to the extensive development of the political archives.

The summer months were spent working in on-going processing and getting materials arranged and counted that came from off-site commercial storage. In addition, a review was undertaken on the collection of Senator Joseph Montoya (505 cubic feet), a sort by date was completed, collection series established, and work began on processing the collection. At the end of June, The Center for Regional Studies hired a summer intern to assist with the legislative series.

Personnel

In spring 2003, the former Donor Programming Coordinator, serving as Executive Assistant to the Dean, returned to the development office full-time. She had maintained development duties during her tenure in the administrative office.

Prior to FY 2001-02, the staff assigned to the Annex consisted of the Program Manager-Research Historian and a half-time student employee. In November 2000, the Board of the NM Endowment for the Humanities (NMEH) funded a special database project for their collection and a part time student was hired to complete that phase of the project. The Center for Regional Studies allowed the retention of one student after her contract with NMEH expired. In July 2001, two student assistants began working at political archives funded by the Center for Regional Studies. A student assistant was hired in December 2001 to work on the Hal Dean collection and assist in the political archives (FY 2001-02/$25,000). The Center for Regional Studies continues to fund these three students and accepted a proposal for 2002-03 that amounts to approximately $40,000 in student support for 2002-03 for the three students. UNMPA

has spread their expertise so that it has very capable students working in the areas of preservation, database management, and collection research, while able to process and inventory collections. Students have also been loaned to the CSWR and the UNMGL computer technology program to assist in special projects as the need arose. The UNMPA has assumed those costs and will continue to support library projects and emergency staffing on a limited negotiated basis.

In addition the following staff and faculty were added to the UNMPA over the last year:
Professor Emeritus Marilyn Fletcher attracted a quarter time contract from the Center for Regional Studies to develop a NM newspaper searchable database. In addition, she volunteers about 10-15 hours per week with the Hal Dean collection as project and student supervisor and in other CSWR and library projects as time allows. This office will continue to provide project and office space.

An administrative assistant III joined the UNMPA staff in September 2001 through a voluntary transfer from the Center for Southwest Research. She specializes in the areas of technical, research, and archives network support. In consultation with the UNMPA Research Historian, her main duties and responsibilities include: Congressional Collections Research, Electronic Access Development, Archives Network establishment and maintenance with similar national/and regional agencies, Congressional Collection Preliminary Assessment, Congressional Collection Processing, Collection Inventories, Preliminary Preservation Assessment, Grant Research and Writing/Project Writing and Special Projects/Donor Relations.

A second administrative assistant III joined the UNMPA staff in December 2001 through a voluntary transfer from the UNM General Library Instructional Programming staff and specializes in the areas of general administrative support, facilities management, and front-line legislative support. In consultation with the UNMPA Program Manager, her main duties and responsibilities include: General Administrative Support and Program Oversight, Facilities Management and Coordination, In-House Budget development, implementation and oversight, In-House Personnel and Budget, including student training, and supervision, Front Line Reception (General and Legislative), Physical Collection Maintenance, CSWR Collection Liaison (acceptance/transfer of materials), Campus/Community Liaison, Donor/Patron Services-Referral, Administrative and Database Management, and Collection Processing/Collection Inventories

Plans and Recommendations

Political Archives has the following priorities for 2002-03

- Continue initiatives to obtain monies for an off-site storage facility
- Continue processing the Reies López Tijerina Collection
- Continue processing the Albuquerque Historical Society collection, the NM Women's Legal History Collection, the Helen Chandler Ryan Collection, and the Leon Watson Collection
- Development of the political papers archive

FRIENDS OF THE LIBRARY, UNM

Jan Dodson Barnhart, Donor Programming Coordinator,
Library Development & Public Affairs

Significant Developments

Volunteers continued operation of the FUNML Book Shop in Zimmerman Library and the library obtained revenue from that source and partnered with Page One Two to recycle items from the shop which had not sold.

The organization again cosponsored the Fourth Annual UNM General Library and campus-wide Blood Drive October 29 and 30 which collected 226 pints of blood for use in New Mexico. The library furnished books from the shop for donors to peruse while waiting to donate blood and treats were also available for the many donors.

The Friends closed out the financial matters with Nancy Meem Wirth regarding the book on John Gaw Meem and his residential designs. *Facing Southwest* was published in winter, 2001.

This organization sponsored the UNM Route 66 Video tapes shown 10:00 to 5:00 July 20-22 with a reception opening on Friday, July 20 to a full house of attendees in the Willard Reading Room. The tapes were donated to the Center for Southwest Research.

The board continues to wait to plan the tentatively scheduled Two Millionth Volume Celebration in spring, 2003 and has encumbered monies for sponsorship needs for that event.

The group bids farewell to Dean Robert L. Migneault, who ended 16 years as Dean of Library Services in February 2002. His tenure provided the library system with many achievements including creation of the Center for Southwest Research, a $1.6 million legislative grant, the Centennial Science and Engineering Library, the introduction of mass computerization to the library system, the creation of a Development Office which raised $5.6 million for the library in six years, a Great American Series Postage Stamp Ceremony honoring the late Senator Dennis Chavez and an impressive climb up the ladder of the Association of Research Libraries statistics from #108 in 1986, to # 47 in 1997, the year the library hosted the prestigious ARL meeting in Albuquerque. The library also hosted the Oral History Association, the Southwest Oral History Association, the Society of Southwest Archivists and the Trans Border FORO International meeting. During his tenure, the library established the New Mexico Political Archives Program and acquired the papers of Governors Jerry Apodaca and Toney Anaya. In 1999, Zimmerman Library was named the Centennial Award winner from the American Institute of Architects, New Mexico, which honors significant buildings that contribute to the architectural heritage of the state. This was the crowning achievement to a truly golden era of the library. A new Dean of Library Services, Dr. Camila Alire, will join the library on September 16, 2002.

This local organization maintains membership in the Friends of Libraries, USA (FOLUSA).

COLLECTIONS & TECHNICAL SERVICES DIVISION

Nancy K. Dennis, Interim Head, Collections and Technology Services

Significant Developments

The Collections and Technology Services (CTS) Division is responsible for performing or coordinating the following: the selection, purchase and receipt of all books, journals and electronic resources; cataloging and record maintenance of LIBROS online catalog in all languages and formats; binding books and journals; and planning, maintenance and implementation of all technology applications (i.e. servers, networking, desktop computing) within the General Library; management of the LIBROS Consortium and fulfilling the contract to provide library services for the Western Governors University. Taken from the GL Priorities 2002 document, CTS units responded to activities from: *Build, Maintain, and Enhance Access to Collections in Multiple Formats* and *Support Computing Technology Infrastructure.* The CTS Management Group and the CTS Operations Committee manage CTS. CTS departments include Collection Management and Resource Acquisitions, Catalog Services, and Library Information Technology.

CTS highlights include:

- The materials budget continues to be challenged and redefined with the loss of some supplemental funding sources, the materials budget was reduced by almost 10%. The library continued to purchase some books because of gift funds, although those funds were severely depleted during the 2001-02-year. In anticipation of a flat budget allocation for 2002-03, the library planned and conducted a major serials cancellation project, canceling about $180,000, which was almost 10% of the serials allocation

- The General Library continues to transition collection building from print to electronic/digital formats. New additions this year include the Dictionary of Old English and the Middle English Compendium (with help from a grant received by the English Department), which will support their expanding program in medieval studies. The Reader's Guide Retrospective, the weekly edition of Nature, and additional JSTOR titles were added

- Where possible, access to electronic resources was extended to students enrolled at all branch campuses i.e. EBSCO Academic Elite, netLibrary and E*Subscribe

- The General Library actively participated in regional cooperative collection development activities where feasible and affordable. These activities have been through the Greater Western Library Alliance and the Alliance for Innovation in Science and Technology Information. Collection Coordinators met with representatives from New Mexico State University, New Mexico Tech and the UNM Health Sciences Library to discuss mutual concerns such as serials cancellations, budgets, and priorities

- A collection preservation consultant spent several days reviewing our buildings and collections in the fall, and submitted a detailed report in the spring

- In the spring, a consultant on library space and design, visited the General Library. Several Collection Management personnel met with him to discuss the needs of collections, operations and patrons. The final report is due in 2002-03

- Gobi-Select and LIBROS Millennium software for circulation, acquisitions and serials check-in was implemented during the year. Although software functionality is still being developed by Innovative Interfaces, library employees are beginning to apply the programs where practical

- Shelf-ready ordering and processing was studied and will be expanded in 2002-03

- The LIBROS Management Team was created to establish a more formal administrative structure for the growing consortium. Santa Fe Community College and the UNM Biology Department's Museum of Southwestern Biology joined the consortium; UNM-Gallup began the process of joining the consortium and adding their records. A LIBROS Consortium meeting was held in May

- The Catalog Services department cataloged/recataloged 30,559 titles, a decrease of 1,500 titles over last year. Decrease in staffing accounts for this reduction. 7,872 gifts were processed and 21,557 firm order and LBO titles were received. The Print Resources and Ibero backlogs each decreased by 1,000 titles and the Serials backlog was virtually eliminated

- More than 111,000 vendor-created bibliographic records of books formerly not represented in LIBROS were loaded during the year. The Catalog Services Department compiled two exhaustive post-retrocon lists for bibliographic clean-up (13 projects) and authority clean-up (3 projects). The clean-up work resulting from the project will be considerable

- The 3-year project to complete the in-house re-cataloging and reclassification of Zimmerman print periodicals was accomplished

- Implementing automatic book labeling and revising labeling policies and workflow was completed

- The subject and author/title public card catalogs were retired and moved from Zimmerman Reference area.

- Vacancies in Resource Acquisitions and Catalog Services departments persist. Creative solutions and cooperation between units help maintain productivity, although the long-term impact of chronic vacancies is being felt

- With outside funding, network upgrades were completed for all General Library branches, reducing infrastructure-related congestion and performance problems, allowing full-speed connectivity to the campus network and Internet (gigabit to all wiring centers and 100 megabit to all desktops), and providing for future growth in connectivity demands

- Outside funding sources were tapped to complete a two-year process to replace all public computers with new PCs purchased and installed in the Zimmerman and Fine Arts Libraries and the Anderson Reading Room of the Center for Southwest Research

- Software capabilities of all public machines (approximately 180) were upgraded, after consultation with reference staff, to include a full suite of Internet access programs and office productivity applications

- Standard server technology for new services and upgrades of existing services was selected and implemented. A group of 4-IBM x330 dual Pentium III processor servers with hot-swappable, mirrored local disks of maximum available size were installed. A Red Hat Linux operating system and VMware GSX Server, software allowing numerous 'virtual machines' of correct size per physical server, were installed and the servers brought to full production status. The location of large data stores on central file servers located at CIRT were negotiated and implemented

- ILLiad, the online interlibrary loan service, was extended to serve UNM Health Sciences Library and New Mexico Tech Skeen Library

- Virtual reference software was investigated and the purchase planned with funds allocated from grant funded by FIPSE (joint grant proposal with UNM's Extended University)

- The Docutek electronic reserves server was purchased and implemented in preparation for a rollout of the e-reserves service to UNM faculty for fall semester 2002

- Two open positions were filled with senior-level programming and database personnel late in the year. A career ladder bringing a longtime General Library employee into LIT was initiated. And another senior-LIT staff member completed a career ladder and was promoted. These staffing improvements have allowed much more rapid implementation of long-delayed projects beginning late in 2001-02

- Served 491 Western Governors University students with reference, electronic reserves, library orientation, and interlibrary loan services. Hosted WGU administrators and introduced WGU-support team

- Contributed to a grant proposal submitted to the Institute of Museum and Library Services to fund a statewide Digital Collaborative.

CATALOG SERVICES DEPARTMENT

Claire-Lise Benaud, Director, Catalog Department

Significant Developments

By providing access to information and enhancing the LIBROS online catalog, Catalog Services effectively supports the UNM General Library's vision statement. In 2001-02, Catalog Services continued to be responsible for the cataloging and maintenance of library materials (with the exception of Fine Arts materials and manuscripts), receiving firm orders and Ibero blanket order materials, gift processing, and authority control for the LIBROS Consortium.

The department cataloged/recataloged 30,559 titles, a decrease of 1,500 titles over last year. Decrease in staffing accounts for this reduction: two staff members left and their positions were not posted and two others spent a substantial amount of time working in CSWR. Of the total cataloged, 18,623 titles were DLC/CIP records (61 %), 8,124 titles were OCLC member-copy records (27 %), 2,931 titles were original records (9 %), and 881 were retroconned/recataloged titles (3 %).

The department continued to integrate ZIM CSWR Bell and ZIM CSWR holdings to improve electronic access to CSWR holdings (5,266 titles were integrated). 7,872 gifts were processed and 21,557 firm order and LBO titles were received. The print resources and Ibero backlogs each decreased by 1,000 titles and the serials backlog was virtually eliminated.

In the summer of 2001, the department compiled two exhaustive post-retrocon lists for bibliographic clean-up (13 projects) and authority clean-up (three projects). These projects could only be started after the retrocon load. In early September, OCLC MARS authority work was completed and in late September, LIT loaded retrocon bib and authority records into LIBROS in five batches. The load created its own set of problems, which required bibliographic work, mostly complex, multiple copy and volume problems. This entire process generated numerous exception reports. The department solved most problems generated by the load itself and began working on several of these projects. It worked with LIT on many of these projects and keeping track of projects took a great deal of time. Retrocon also spawned other projects such as on-the-flys processing and correcting call number indexing problems.

Highlights of this fiscal year included:

- Completion of in-house retroconning and reclassifying of Zimmerman periodicals. This project took nearly three years to complete implementation of automatic labeling and revision of labeling policies and workflow review of all NACO headings submitted by catalogers to the Cataloging Resources Coordinator during four months (8/01-11/01)
- Ibero began to receive firm orders in addition to blanket orders (8/01)
- DMS became responsible for MARCIVE maintenance (8/01)
- Review of the Yankee Book Peddler shelf-ready profile to include slip orders
- Planning to change the display of the 856 URL field in bib records
- Completion of the cataloging of the Columbian Quincentenary collection and continued cataloging of the Turpen collection and the Kobiela World's Fair collection

- Cataloging of COGNET e-books and reviewing of JSTOR holding statements
- Planning/implementing the cataloging of maps
- Extensive review of the adds and bound-with procedures
- Discarding the subject public catalog, retiring the author/title catalog, and stopping CSWR shelflist production

Plans and Recommendations

The department's goal is to continue to catalog monographs and serials in a timely manner and to process all materials -- including the receiving of new books -- in the most efficient ways.

Specific goals for fiscal year 2002-03 include:

- Moving from Passport to Connexion
- Implementing Innopac Millennium
- Continuing work on retrocon projects
- Revising authority control workflow and policies
- Cataloging more maps

COLLECTION MANAGEMENT & RESOURCE ACQUISITIONS

Linda Lewis, Director Collection Management & Resource Acquisitions

Significant Developments

As with all areas of all libraries, money, space and personnel are the eternal needs of this library. In 2001-02, all these concerns collided simultaneously. It was a productive but very challenging year.

Budget

The General Library's acquisitions budget has been comparatively stable for the past few years. Although there was a slight increase in 2000-01, there was an equivalent decrease for 2001-02. The UNM Student Fee Review Board instructed that funds from their group be used for purposes other than acquisitions for 2001-02. This change resulted in a decrease in the library's materials budget of almost 10%. The Center for Regional Studies reduced the funding it had previously given for General Library collections, thus reducing the funds available to the General Library's Center for Southwest Research. In the Latin American studies area, high inflation and new taxes reduced the number of titles supplied from the major Mexican vendor by about 25%.

Because of the increased demand for and costs of electronic resources, the library has continued to realign the acquisitions budget. In 2001-02, the library spent 55% of the acquisitions budget on serials, 25% for books, 16% for general and subject electronic resources, and 4% for electronic infrastructure (OCLC, Innovative maintenance.) Last year, the percentages were 48% for serials, 30% for books and 23% for all electronics. This year's percentage is the lowest spent on books in a decade. Serials expenditures exceeded $2 million for the first time. The department was able to continue purchasing some books because of gift funds; those funds were severely depleted during the 2001-02-year.

One of the major criticisms stated in the LibQual+ survey was the need for more materials, both books and journals in both electronic and print formats. The combination of inflation in prices of materials, growth in university programs, increased numbers of expensive electronic resources, the practice of charging technical infrastructure costs to the materials budget and the lack of increases to the base acquisitions budget made it impossible for this department to address the criticisms and to meet the needs of library users.

Serials Cancellations

In 2001-02, the department conducted a major serials cancellation project, canceling about $180,000, almost 10% of the library's serials allocation. The list of proposed cancellations was posted on the library Web page and shared with faculty and other libraries. The department reviews its collections regularly and continues to work with campus libraries and other research libraries in New Mexico to minimize duplication. The department canceled core journals in all areas, much to the dismay of faculty and librarians. While few, if any, libraries have avoided cancellations; the library's journal collection was comparatively small when cancellations began. Since 1990, the library has canceled almost $1 million in serials (numbers not adjusted for inflation.)

Electronic Resources

The General Library added some new electronic resources during this year. With help from a grant from the English Department, it added the *Dictionary of Old English* and the *Middle English Compendium*, which will support their expanding program in medieval studies. To increase access to older articles, it also added the *Reader's Guide Retrospective*. After international protests about the licensing agreement

were resolved, the department subscribed to the weekly edition of *Nature*. JSTOR continues to grow; and the library will subscribe to the new section, Language and Literature, which will include some Latin American studies titles. The library added the Sanborn map collection that includes detailed historical insurance maps of Albuquerque. The *Albuquerque City Directory*, published by Polk, is now available in print, on CD-ROM and (possibly) via the Internet; the negotiations were long and complicated but eventually successful. The library switched vendors for PsycInfo from FirstSearch to EBSCO, saving several thousand dollars. The library also added PsycArticles, the full-text database of journals published by the American Psychological Association. Although the library had previously purchased access to the images of the Early English Books Online database, which contains the full-text of books published in Britain prior to 1700; this year the library joined their Text Creation Partnership (TCP) that allows users to search the full contents of the texts. The library is one of about 60 libraries in the world that has joined this project.

Requests For Proposals

Serials accounts were divided among three major companies. A Request for Proposal (RFP) was prepared for approximately $1.4 million. The library consolidated the account with one company, Harrassowitz, retaining small amounts with other companies.

The library renewed its contract for the U.S. book approval plan with Yankee for four more years. The library decided not to renew its contract for art exhibition catalogs; Yankee handles more of these than they did in the past, allowing the library to consolidate its purchasing. The department was able to identify a Mexican approval book dealer as a "sole source" vendor, so it did not have to do an RFP for that account this year.

Cooperative Collection Development

Major cooperative collection development activities have been enacted through the Greater Western Library Alliance and the Alliance for Innovation in Science and Technology Information. Both consortia have made several electronic products and packages available this year. The library reviews all these offers carefully. Some offers have allowed the library to expand its resources or reduce costs significantly. Unfortunately the library has been unable to participate in some of these offers because of the restricted library budget.

Collection Management personnel met with representatives from New Mexico State University, New Mexico Tech and the UNM Health Sciences Library to discuss mutual concerns such as serials cancellations, budgets and priorities. An electronic discussion list was created to facilitate communication within the group.

Preservation

Randy Silverman, preservation librarian at the University of Utah, was hired as a preservation consultant. He spent several days in the fall reviewing the library's buildings and collections. He submitted a detailed report in the spring. He pointed out some emergency situations, which have been corrected. His other recommendations are being evaluated.

Policies and Procedures

At the request of the UNM Counsel's Office, the library documented the policies and procedures followed when the General Library accepts donations of materials. The UNM Foundation and the Counsel's Office approved the documents. The approved documents allow the library to minimize the number of forms and approvals required when it accepts donations.

The department revised the policy for withdrawing library materials. The Faculty Senate Library Committee formed a subcommittee that provided input about the policy and guidelines. The policy is now located on the Library's Web page and in the Selectors' Manual.

Space Concerns

With the announcement that a new Fine Arts and Design Library will be part of the new architecture and planning building, Collection Management personnel began extensive analysis of the special collections materials in the Fine Arts Library and the rare materials that had been moved from Fine Arts into the Center for Southwest Research. These materials are being evaluated to determine where they will be located when the new building is completed. The department has discovered some unique albums of photographs and some rare items that will remain in the Center for Southwest Research, as well as some items that will be returned to fine arts when the new building is done.

In the spring, Jay Lucker, a consultant on library space and design, visited the General Library. Several Collection Management personnel met with him to discuss the needs of collections, operations and patrons. His final report is due in 2002-03.

Acquisitions Systems

Some selectors to submit orders to Resource Acquisitions have used GobiSelect, the online ordering system from Yankee. At this time, some selectors in the sciences and fine arts are using it successfully, but many others find it unnecessarily complicated. The process does not simplify the work for Resource Acquisitions personnel yet Yankee is working on a new version of Gobi that should be released shortly; it may include an improved version of GobiSelect.

Millennium, the Web-based graphic version of Innovative's system, was installed on all Resource Acquisitions machines, and the department is learning to use the new system. This system does not yet have all the functions that are available in the text version, and there is a learning curve, but the implementation is progressing.

Shelf-Ready Processing

The shelfready pilot project with Yankee was funded with gift funds for the first year. The project began with selected areas in the sciences, business and fine arts. The library dropped fine arts because of the number of location changes that were needed. The pilot project was successful enough to be expanded in 2002-03.

UNM Branch Campuses

After negotiations with EBSCO, the General Library was able to extend access to *Academic Search Elite*, a general database that includes considerable full-text articles, to all UNM branch campuses for an added $1,500. The Student Fee Review Board has encouraged the library to expand electronic resources to the branches when possible; in this case, it worked.

LIBROS Consortium

The LIBROS Management Team was created to establish a more formal administrative structure for the growing consortium. Santa Fe Community College and the UNM Biology Department's Museum of Southwestern Biology joined the consortium; SFCC records have been added to LIBROS, and the MSB records are being added. UNM-Gallup began the process of joining the consortium and adding their records.

The team held a meeting of the LIBROS Consortium in May. It approved changes in the organizational structure, revised the operating documents and discussed future plans.

Gifts

The library received several large donations in nearly all subject areas this year. Among the large donations it received during the year were a large collection of Russian studies materials and a collection of New Mexican poetry and creative writing.

Personnel

The Collection Management Director was on sabbatical from July through December 2001. A faculty member from CSEL served as acting head of Collection Management and another faculty member served as acting head of Resource Acquisitions; thanks to both for their superb jobs.

A staff member completed her career ladder to a new position of Program Coordinator for the General Library's Consortia, including LIBROS and other consortia.

In Resource Acquisitions, the chronic staff shortages resulted in multiple requests for help from other departments. Many thanks to the Catalog Services Department for its help in Search & Ordering and Paying, and to the mailroom personnel for picking up gifts and delivering surplus materials.

Plans and Recommendations

Among the issues to be addressed in 2002-03 are recommendations made by the preservation and space consultants, planning for the new Fine Arts and Design Library, implementation of the Millennium version of Innopac, transfer of most serials subscriptions to Harrassowitz, and expansion of shelfready processing. A Request for Proposal will be prepared for the binding contract. The department will work with UNM branch campuses to identify which electronic resources would be most useful to them, and attempt to determine how much money would be required to extend access to those resources. The department will continue to work with the Greater Western Library Alliance, the Alliance for Innovation in Science and Technology, and the New Mexico Consortium of Academic Libraries to improve access and enhance the library's collections.

All of these hopes for the future depend upon two things: personnel and money. The staffing level in Resource Acquisitions is at a crisis level. If additional staff is unavailable, large backlogs are inevitable. If funding for books, serials and electronic resources is not increased, further cancellations of serials and databases and increased reductions in purchases of books will happen. The General Library has superb resources and marvelous potential, but the Collection Management and Resource Acquisitions Department cannot help the library move forward while the existing situation of scarce resources continue.

LIBRARY INFORMATION TECHNOLOGY

Nancy K. Dennis, Interim Head, Collections and Technology Services

Significant Developments

The General Library continues to build, maintain and provide access to print and electronic collections for use by the growing and diverse population of UNM students, faculty and staff. In cooperation with other General Library departments and CIRT, the campus computing center, Library Information Technology (LIT) provides the leadership and technical support to enhance and maintain the computing infrastructure of servers, networks and desktop computers upon which the General Library and the UNM community depends. During 2001, LIT identified these key priorities:

- Improve computing technology infrastructure
- Implement General Library network upgrades in all locations
- Establish standards and consolidate technology platforms that support expanding online services
- Seek resources to implement large-scale PC equipment upgrades, replacement and centralized management
- Investigate and implement new file and print services for library patron and employee workstations
- Investigate collaborations with CIRT for Help Desk support, server location, desktop management techniques, and future support for Information Commons
- Extend and expand consortia IT services, such as LIBROS, ILLiad, and E-Reserves, to New Mexico libraries
- Continue as contractor to provide library services to Western Governors University

Service Enhancements & Achievements

In fiscal year 2001-02, LIT, in cooperation with other General Library units and CIRT, achieved several objectives:

- Network upgrades were completed for all general branches, reducing infrastructure-related congestion and performance problems, allowing full-speed connectivity to the campus network and Internet (gigabit to all wiring centers and 100 megabit to all desktops), and providing for future growth in connectivity demands. A major transition that will eventually replace all terminals with fully functional PCs, was also initiated
- Remote access to electronic resources was improved by cooperating with CIRT to make modifications to the online campus directory. These simplify authentication through LIT's proxy

server and improve reliability and troubleshooting. Secure Web-based authentication, a project ongoing throughout 2001-02, was fully implemented during in fall 2002

- Standard server technology for new services and upgrades of existing services was selected and implemented. An initial group of three IBM x330 dual Pentium III processor servers with hot-swappable, mirrored local disks of maximum available size were installed. A Red Hat Linux operating system and VMware GSX Server, software allowing numerous 'virtual machines' of correct size per physical server, were installed and the servers brought to full production status. A fourth IBM x330 server was also purchased and brought into production late in the year. These four and the other, pre-existing servers were further supported by a tape backup library with enterprise-level, multi-server reliability; uninterruptible power supply; and an arrangement with CIRT for location of large data stores on central file servers located at CIRT. All new local equipment is rack-mounted for ease of access and safety in a flood-vulnerable setting. This new server hardware will allow for physical separation of development and test activities from production servers. Virtual machines add extreme flexibility in creating development and test environments, as well as ease in migrating services to production status

- A two-year process of replacing all public computers with new machines was completed with new patron PCs purchased and installed in the Zimmerman and Fine Arts Libraries and the Anderson Reading Room in the Center for Southwest Research. These larger groups of similar PCs allow LIT staff to rapidly repair or modify the configuration of patron PCs as software upgrades, security patches or changing demands require. The newest group purchased use flat-panel LCD screens in a bid to save floor space and gain a greater lifetime for hardware purchase

- Software capabilities of all public machines (approximately 180) were upgraded, after consultation with reference staff, to include a full suite of Internet access programs and office productivity applications

- Hardware allowing unfettered access to all PC capabilities was purchased for public computers. These devices also further reduce LIT staff time in modifying the public computers' software configuration and dramatically reducing downtime for patron PCs. Installation began in summer 2002 and is continuing

- ILLiad, the online interlibrary loan service, was extended to serve UNM Health Sciences Library and New Mexico Tech Skeen Library

- Santa Fe Community College and the UNM Museum of Southwestern Biology joined the LIBROS consortium. Preparations for UNM Gallup campus to join the consortium were completed. All UNM branch campus libraries are now included in the LIBROS online catalog

- LIBROS Millennium software for circulation, acquisitions and serials check-in was implemented during the year. Although software functionality is still being developed by Innovative Interfaces, library employees are beginning to apply where practical

- Virtual reference software was investigated and the purchase is planned with funds allocated from grant funded by FIPSE (joint grant proposal with UNM's Extended University)

- The Docutek electronic reserves server was purchased and implemented in preparation for a rollout of the e-reserves service to UNM faculty for fall semester 2002. Docutek, a Windows

2000-based server, was the first service totally tested and implemented in production on virtual machines

- The Genlibrary file and print service was migrated from a stand-alone Novell NetWare server to a virtual machine under VMware running Red Hat Linux and a SAMBA service. Data is stored on a CIRT-based network file server. The first implementation of these new technical standards and arrangements, the new service has been in reliable service for a year as of this writing

- Two open positions were filled with senior-level programming and database personnel late in the year. A career ladder to bring a longtime General Library employee into LIT was initiated. Another senior LIT staff member completed a career ladder and was promoted. These staffing improvements have allowed much more rapid implementation of long-delayed projects beginning late in 2001-02

- A new LIT Test Web, http://elibrary.unm.edu/libinfo/lit/, designed to showcase and seek input for new Web services, applications and database-to-Web projects, was designed. It was linked into the General Library Web shortly after the end of the year

- Use of personal digital assistants (PDAs), especially Palm OS-based devices, grew significantly during the year, extending beyond IT staff. Software support and small database projects to support this usage were initiated, including design of methods to convert General Library directories for PDA import

- Remote system logging, a project for enhancing reliability of library services was implemented, building on the capabilities provided by the new server platform

- General Library printing and scanning services were enhanced in several departments and branches during the year with purchases of new equipment to support both the e-reserves project and archival digitization. Purchase of an enterprise-level color laser printer was initiated to bring in-house printing capabilities that previously required outside contractors

- UNMGL served 491 Western Governors University students with reference, electronic reserves, library orientation, and interlibrary loan services. It also hosted WGU administrators and introduced the WGU-support team

Plans and Recommendations

With most critical computing infrastructure needs recently addressed, LIT will focus on selecting and implementing software, services and procedures to generate the greatest reliability and enhancement of General Library electronic services.

Remaining key infrastructure projects:

- Replace General Library staff and reference (service point) computers. A proposal to replace 25% of these machines was proposed during budget planning, but was not funded thus far. External funds may be sought for this purpose, if I&G funding is not forthcoming. Additionally, beginning with 2003-04, LIT proposes to replace 25% of all categories of PCs each year, bringing both public and staff computers into a four year replacement cycle. A server replacement cycle of four-years will require initial new purchases in three years

- To assure reliability of key services dependent on data storage at CIRT, LIT will seek to arrange construction of a redundant physical fiber-optic link between Zimmerman Library, where LIT servers are located, and CIRT. At this time, costs and technical options are unknown. This link would facilitate both redundant campus network access to General Library electronic services and allow for eventual access to the SAN (storage area network) initially installed at CIRT

Additional key servers, which may be implemented:

- Search engine: Nearly all General Library Web resources benefit from availability of a very capable, high capacity search, indexing and taxonomy engine. CIRT's UNM-wide search engine is at maximum capacity and cannot extend further into the library Web without expensive capacity increases. LIT will examine either purchase of a General Library-specific search engine or contributing resources to CIRT's search capacity

- One or more database servers will be implemented in production at the end of an evaluation process begun in mid-2002

- A Web application server may be implemented in production at the end of an evaluation process begun in mid-2002

Servers and services scheduled to be updated during 2002-03:

- ILLiad will be migrated from a stand-alone Windows NT server to a Windows 2000 virtual machine and be upgraded to version 6, which will allow addition of OpenURL links to it in a number of databases to which the General Library subscribes

- ColdFusion test and production Web services, which now provide Web access to a number of library databases in production or development (see http://libdata.unm.edu and http://zoobert.unm.edu/newcsel/), will be migrated to a current version running on a Red Hat Linux virtual machine

Electronic services and procedures that are planned for new implementation during 2002-03:

- Proxy service was moved in late summer 2002 to a virtual machine and full certificate-based secure authentication was implemented for links both to users and to the CIRT LDAP directory service. Proxy service is being reviewed as a potential service to be offered as a 'consortium' service, similar to LIBROS, FullText Finder and ILLiad

- Transition of most locally produced databases used for both internal purposes and Web presentation of data and collections from Access to the database server(s) noted above. Initial evaluation of existing production databases has been initiated. Numerous database-to-Web applications are in test or development stages. Those available for public view are linked at http://eLibrary.unm.edu/libinfo/lit/. Most of these involve collaborations with outside professional organizations, UNM departments or other General Library departments

- Inclusion of LIT personnel in use of the problem management and change management system used by CIRT, Peregrine, is being sought. If approved by CIRT management, a major project to restructure LIT problem response and system maintenance using these tools will be initiated. This should greatly improve problem tracking and responsiveness

- Initial efforts to present General Library services via http://my.unm.edu, the UNM Web portal are planned for 2002-03
- Carrying out the General Library's portion of a major CIRT security enhancement initiative, and informing all General Library faculty and staff of steps they must take on personally-owned PCs, will engage most LIT staff and take significant resources during fall semester 2002
- Technical work for an authenticated General Library Intranet is underway. Intranet content will be the responsibility of various departments, including LIT
- ILLiad Web-based interlibrary loan service will be offered to additional New Mexico academic libraries
- FullText Finder alternatives or re-implementation will be explored
- LIT's existing disaster recover/prevention plan will be reviewed and revised
- LIT's existing security arrangements plan will be reviewed and revised. Computers assigned to staff with system management responsibilities will be hardened beyond current levels
- Significant enhancement of creation and Web presentation/manipulation of digital resources is planned, though it is expected to be partially dependent on success in seeking outside funding. LIT is preparing to serve as the technical center for statewide initiatives in this area. Particular attention is being given to an open source project, FEDORA (Flexible Extensible Digital Object Repository Architecture) as a potential hub for General Library and statewide digital initiatives. Two grant proposals will be submitted to advance these General Library's digital library initiatives
- Conversion of the Online Archive of New Mexico from an SGML/HTML-based service to an XML-based service is being planned
- LIBROS Management Team will continue to seek input and address needs of member libraries. The 2002 release will be implemented which is expected to add functionality to Millennium software. A hardware system replacement will be investigated and planned
- A pilot project to implement virtual reference with libraries at the University of Cadiz and DILARES will be launched

PUBLIC SERVICES DIVISION

Johann A. van Reenen, Head of Public Services, and Director, CSEL

Significant Developments

The Public Services developed and improved functions according to the principles that drove its establishment and major reorganization since the last two years. All new and changed positions are now functioning and leadership positions are filled, including:

- An Interim Director was appointed for the Fine Arts Library
- The Director of Zimmerman Library started his new duties in January 2002
- A permanent director was appointed for the Parish Business and Economics Library after an internal search
- UNMGL Access Services was reconfigured
- A new position was created and filled to manage the Zimmerman Library's circulation and reserve services who reports directly to the Director of Zimmerman Library for daily operations as well as to the Head of Access Services (this fits the model for other branches)
- An internship program was established and two recent MLS graduates were hired by year-end (FY01/02)
- A manager was assigned for the public service unit of the Center for Southwest Research
- A Program Manager was appointed for the newly established Division of Iberian and Latin American Resources and Services (DILARES), a multi-departmental unit within the UNM General Library
- The establishment of a PS Web Services Group and appointment of co-chairs to manage the PS Web presence and ensure flexibility in serving customer needs
- Zimmerman Public Services Director, and Head of Zimmerman Reference, are recognized for their contributions to the success of Zimmerman Public Services prior to the recent reorganization

The news of a new Fine Arts Library in the planned Architecture building inspired the division as space continues to be a major concern. The retirement of the manager of CSWR operations required a new interim organization. The Center's public services group has been solidified through clearer job duties and the transfer of a position to deal with day-to-day administrative and student assistant issues. Together with DILARES, the "Open Doors" series was established and a number of events exposed patrons and the greater Albuquerque community to the library's specialized collections and services. The DILARES annual report and a more complete CSWR report are included elsewhere.

Electronic reference options were explored through participation in various demonstrations and satellite conferences. A joint project with LIT/PS (DILARES) and Extended University is currently in the making. Meetings between branch managers and the director of Public Services with Deans, Chairs and

Directors continued this year, including meetings with the Anderson School of Management, Deans of Fine Arts and Architecture & Planning, and chairs of various engineering departments and the Science & Engineering Liaison Committee.

Evaluation and improvement of UNMGL Public services, staff and collections is ongoing. Initial results from the LibQual+2002 survey and suggestions from the Student Fee Review Board formed the basis for a number of quality improvement initiatives. 168 Academic libraries participated in this year's LibQual+ survey. A DATAC committee member managed the UNMGL participation. Although the UNM results are still being analyzed a number of conclusions can already be drawn. Faculty and undergraduate students are the most satisfied with library services and products, and graduate students the least. All groups list the scope and size of the collections as the greatest issue of concern. There were many more free form comments this year; most were complimentary about the library's staff and services. The most frequently cited causes of dissatisfaction related to one or more of:

- The availability of collections and difficulty in locating items on the shelves
- Problems with the Course Reserve system and services
- Facilities
- Copying and printing

Work was already underway to address most of the concerns across the PS division as highlighted below. Especially significant changes were achieved in Zimmerman Public Services stimulated by the reorganization process and through the energy and hard work of many people.

- Finding Books & Journals on the shelves: Over the summer of 2002 an unprecedented effort at shelf reading in Zimmerman Library was begun using full-time library employees from all areas of the library. Shelf reading in the other branches is done annually. This continuing process additionally provides opportunities to correct known deficiencies in the accuracy of the LIBROS database

- Access & Reserves: A new Electronic Reserve system (Docutek®) was implemented over the summer of 2002. This service includes training faculty for self-service reserves. By allowing instructors direct access to their course reserves, this will significantly reduce the backlog that makes some items unavailable at the start of the semester. The Interlibrary Loan unit is perfecting their automated and paperless requesting system ILLiad. This service is very popular and received many compliments from library users because of ease of use and efficiency over the paper-based system. The recently added service providing electronic delivery of requested articles to requestors' e-mail accounts was received with great enthusiasm

- Facilities & Ease of Use: Zimmerman has begun the first phase to unify signage and directional tools. Some areas of the library will undergo significant changes in layout. The microforms area in Zimmerman's basement is the first area to be evaluated for comfort and functional layout. Two libraries, Zimmerman and Centennial, have café areas as requested by various student bodies

- Photocopying services: Copying and printing continues to be of concern to library users. Overall usage of photocopying has been steadily dropping due to electronic journal access

while printing has increased progressively. Photocopy equipment was reviewed resulting in removal of over-configured or under-used machines to reduce copying cost

- More detailed descriptions of the above activities can be found in the annual reports of Access Services department and Zimmerman Library

- Confidentiality and understanding law enforcement inquiries. Guidelines were developed for the Library and its staff regarding Section 215 of the U.S.A. Patriot Act that deals specifically with access to records under the Foreign Intelligence Security Act (FISA). UNM General Library Confidentiality Guidelines were adopted.

- Implementation of electronic reserves utilizing Docutek® software including the training of library personnel, and coordination of faculty training.

- Organization of branches: Functional areas are the same in each branch (Collections Management and Outreach, Reference, Instruction, Technology and Access). In addition there are some system wide functions that serve to coordinate and develop each function for all of the UNMGL: Data and Web Presence, Instruction, Reference In-Service, Information Literacy and, and Access. These public services areas often work as a matrix thereby creating multiple reporting lines.

Goals for 2002-03:

- Promote the recently introduced electronic reserve service actively with faculty and students
- Strengthen technology skills of public services employees, especially reference workers, and create partnerships with the Library Information Technology Department to address customer services and suggestions
- Develop the Internship initiative into a nationally recognized program, possibly focused on minority librarians
- Continue developing the communication and decision making roles of the five PS committees through:
    - Irregular meetings of the Chairs
    - Integrating initiatives across services points whenever possible
    - Modeling new ways of working
- Organize the UNMGL's third year of participation in the 2002 LibQual+ survey and continue to address issues highlighted by the 2002 results, such as developing a UNMGL Graduate Advisory program
- Continue development of the Reference In-service and Training program to ensure a dynamic reference learning environment
- Explore electronic reference services with the help of LIT and the partnership currently under development with Extended University
- The Library Instruction and Reference In-Service Committee will continue its involvement with the planned white paper on instruction

- Support the Instruction Coordinator in developing a position to coordinate freshman instruction and instruction quality assurance in general
- Continue evaluating the effectiveness of the PS Web-pages in serving customer needs and support the newly formed PS Web Services Group
- Support managers and employees assuming new roles resulting from the last phase of the PS reorganization
- Work with PSMC and the newly formed PTSMG to engender joint public and technical service workgroups to solve customer service issues and improve working relationships among diverse groups
- Continue working with UNMGL Fiscal Services, UNM Institutional Services and the UNM Budget Office to develop an affordable Copy/Printing service
- Support the development of plans to address the UNMGL's long term electronic service and workspace needs such as an Information Commons proposed for Zimmerman Library
- Continue to strengthen liaison with faculty from all areas to ensure a growing understanding of the changing scholarly publishing landscape and solicit their input in and understanding of further serials cancellations
- Continue to enhance public services for existing international programs and area studies, e.g. DILARES, and develop others where it has particularly strong and unique collections, e.g. Native American Studies
- Capitalize on the opportunity to provide the UNM Daily LOBO with monthly library-related columns
- Organize PS learning events: 4th Reference retreat around the continuum of instruction, electronic reference, and electronic reserves
- Encourage attendance at the AISTI Mini-Conference (Alliance for Innovation in Science & Technology Information) to keep up with digital library and service developments

CENTENNIAL SCIENCE AND ENGINEERING LIBRARY

Johann A. van Reenen, Head of Public Services, and Director, CSEL

Significant Developments

The Centennial Science and Engineering Library (CSEL) continued to provide excellent customer service in spite of an extensive renovation project and two faculty sabbaticals. In fact, the library extended services and grew partnerships through the innovative use of space and fund raising.

An opportunity presented the library to develop closer ties by providing office space to UNM's New Media & Extended Learning Services (NMELS) unit of the UNM Extended University. This group provides teaching technology training and facilities for the campus the library sees as an extension of its information services. NMELS developed one of the CSEL meeting rooms into a second electronic classroom and paid for extensive wiring on Level 2.

A major reconstruction project was completed between May and June 2002 to shore up the sagging ceiling/floor between the two levels in the northwest part of the building. CSEL staff helped to plan and manage the process with as little inconvenience to customers as possible and deserve congratulations and appreciation. The reconstruction project was also used as an opportunity to improve the space for both NMELS and CAPS. CAPS now has a tutoring area.

CSEL employees continued their history of active outreach to other departments and the UNM community. A number of faculty and staff taught classes in the summer for the Minority Engineering Bridge Program of the School of Engineering (SoE). CSEL librarians taught half the class hours with outstanding results. SoE has asked CSEL librarians to return in the future. CSEL librarians co-developed with faculty from the departments of Biology a successful EPSCOR grant (NSF's Experimental Program to Stimulate Competitive Research) and have begun work on their part of the proposed NM Virtual Center for the Environment. CSEL played a significant role in the founding meeting of the EPSCoR Science Information Group (ESIG) that resulted in the group's joining two existing consortial e-journal deals that reduced the overall price for current members.

The CSEL monograph collection is being moved to create more space and the compact storage area was reorganized to allow a large collection of Fine Arts materials to be stored there. This year the CSEL Collections Coordinator and the selectors managed a major cancellation project for science & engineering journals. This process is ever more difficult as the library begins to cut core journal titles while maintaining a core collection. This will be the single biggest challenge for this library in future. Three Science and Engineering Liaison meetings were held to inform faculty of their input at this critical juncture. The CSEL Collections Coordinator took on responsibilities in addition to his own from the UNMGL Director of Collections when she went on sabbatical. This was highly appreciated. By the end of the academic year the library began to implement the UNMGL e-reserves function.

CSEL filled the vacant technology position by sharing it with the Library Information Technology department. The library is hopeful that this staffing model will ensure close alignment of public services computing with LIT. Work has begun to develop a Science and Engineering Resource Advisor to replace the CSEL site search button. Early results are very promising and will help library patrons utilize the most appropriate databases and other resources for their particular fields. Most of the public computer workstations were replaced with new equipment bought with grant and gift funding. The joint agreement with the Environmental Sciences Research Institute (ESRI) allows them to teach geographic information systems courses at CSEL for the region continued, to the benefit of both parties. The library has begun to

exchange ideas with the NMELS group to learn from each other. Electronic reserves and Web page development are areas of joint interest.

CSEL continued to provide space and management services to the Digital Library Linkages Initiative of the Ibero-American Science & Technology Education Consortium (ISTEC) and the CSEL director continued to serve as one of the four ISTEC initiative directors. These efforts augment the UNMGL's DILARES program. The relationship built over the years with the Alliance for Innovation in Science & Technology Information (AISTI) also continued. Activation of the LinkSeeker™ function for databases provided through the Los Alamos Technical Library was well received and especially useful in locating items owned by UNMGL.

Two faculty members went on sabbatical during this academic year and many CSEL employees volunteered to cover their duties. The library is especially proud that one of the library's faculty members completed her Ph.D. in Biology with distinction and that two other faculty authored books. (See outside professional activities and publications in the appendix).

Plans and Recommendations

The CSEL goals are dynamic as are the goals of each CSEL employee and will be revisited as the academic year progresses.

- Continue to inform science and engineering faculty and graduate student customers about the changes in scholarly communications, the cost of information, and the opportunities to influence the marketplace
- Participate in next summer's Minority Engineering Bridge Program with the School of Engineering
- Complete monograph and serials moves currently underway
- Continue to refine the Science and Engineering Resource Advisor
- Reorganize selection duties and create a process to explore new funding and fundraising options to prevent more serials cancellations and/or improve access to more information sources at affordable prices
- Continue to raise funds to expand the café area and to re-develop the reference area into a collaborative learning space
- Work with UNM Physical Plant Services to solve the leak in MAGIC and re-construct other areas of the floor/ceiling that need it
- Re-design CSEL signage
- Create and institute a process to allow electronic transmission of articles via e-mail to requestors who use the CISTI rapid document delivery service (Canada Institute for Science & Technology Information)
- Raise funds for an electronic map plotter for MAGIC (Map and Geographic Information Center) to fully exploit the potential of the many government maps that now arrive as electronic files only

- Implement the e-reserves system for the fall semester
- Continue to develop the existing relationships with AISTI and ISTEC

CENTER FOR SOUTHWEST RESEARCH BRANCH

Teresa Maria Marquez, CSWR Librarian

Significant Developments

The Center for Southwest Research maintained its commitment to "supporting, participating in, and enhancing the instructional, research, and public services...by placing priority on service to students, faculty, and staff at UNM." The retirement of the Center's director, sound archivist, and the transfer of a staff member, however, greatly reduced the public services group. Additionally, another member went on sabbatical. As a result of such staff reduction, the Center decreased its public services hours. The Center's leadership was reconfigured through new assignments: a CSWR Management Group was designated. Three members of the staff were assigned respective public services, collection development and archival processing and digitization responsibilities. Regardless of the Center's adverse circumstances, the staff maintains high standards of professional work.

The Archival Processing and Digitization division of the Center for Southwest Research had a successful year providing access, preservation, and reference services for the university's major collection of primary source documents relating to the history and culture of New Mexico, the Southwest, and Latin America. All areas of the division met their commitment to the university community and the general public by improving access to historical research materials, despite departmental staff shortages resulting from two retirements.

Outside support was critical to the progress made in processing collections, due to limited student employment funds available to the department this year. The Center for Regional Studies provided funding for seven graduate fellows and the Robb Music Trust funded one graduate fellow to work on CSWR collections. In addition, the Chicano/a Studies Program and the Latin American and Iberian Institute provided support for more student employees at the Center. This inter-departmental cooperation allowed considerable progress toward opening new collections for research.

Anderson Reading Room Public Services

The Anderson Reading Room staff assisted scholars and researchers from across the nation and internationally, with requests that ranged from well-known subjects to lesser-known topics. Patrons made extensive use of the Chicano and Vertical Files and the New Mexico Federal Writers Project files. Genealogists nationally researched their family histories. The Pictorial Collections were much in demand as well. The Pictorial Collections Database was instrumental in meeting the demand for more photographs. In conjunction with the Pictorial Database, the Online Archive of New Mexico attracted new scholars and researchers. Demand for copies of the Center's collections increased. And lastly, several members assumed the leadership in outreach and library instruction activities while simultaneously extending these functions beyond the boundaries of the UNM campus into the Pueblos and Diné Nation.

Manuscript Collections

A number of important collections were processed and opened for research this year. These include the Sophie D. Aberle Papers, Margaret Randall Papers, New Mexico Press Women Records, Robert Young Papers, John Gaw Meem Papers, Roadside Crosses of New Mexico Oral History Project, Antonio A. Sedillo Papers, Witter Bynner Collection, Woman's Club of Albuquerque Records and the Illinois Brewing Company Ledgers.

An inventory of the manuscript collections was completed. Anomalies were corrected so that all catalog records and finding aids now reflect accurate collection size information. Pursued local options for

locating a reliable and efficient microfilming service. As yet, no suitable firm has been found in the Albuquerque area.

Unprocessed congressional collections were identified and consolidated by moving all from Zimmerman, commercial storage, and the old Annex building to the new Annex. Removing these collections from Zimmerman made room for a shift of the processed collections to allow for additions and some work space in the storage area (B3).

Pictorial Collections

The preservation, arrangement, and cataloging of the John Gaw Meem photograph collection was a major accomplishment. A database of the photographs was compiled and cross-referenced with Meem's plans and job files enabling fully integrated access to all of Meem's architectural records. New collections by contemporary New Mexican photographers Miguel Gandert, Douglas Kent Hall, and Oscar Lozoya were acquired. Mexican photographs related to immigration and border issues by Eniac Martinez were also acquired for the collection. Written procedures were developed for purchases of pictorial collections material including an outline of the workflow.

Robb Archives of Southwestern Music

Progress in digitizing and cataloging of music recordings continued this year, the retirement of the music archivist notwithstanding. Funding from the Robb Music Trust aided the completion of two important projects. Robb's manuscript compositions were opened for research and conversion of these recordings to digital compact disks began. In addition, all of Robb's field recording of folk and traditional music from the Southwest and Latin America were made available on CD.

John Gaw Meem Archives of Southwestern Architecture

The opening of the John Gaw Meem Papers was the highlight of the year for the Architecture Collection. The papers were arranged, preserved, and cataloged. Detailed information about these records of New Mexico's most prominent architect is now available online via OANM.

Inventorying and cataloging several small but important collections of architectural drawings was completed. These include original plans from historical firms such as Rapp & Rapp, and Trost & Trost, as well as measured drawings of New Mexico structures from the Historic American Buildings Survey.

LIBROS cataloging of architectural records began with two sample records. Finding aids for these collections were published online via OANM.

Online Archive of New Mexico

The Online Archive of New Mexico (http://elibrary.unm.edu/oanm) continues as the central resource for locating archival materials in the state of New Mexico. Finding aids for 101 CSWR archival collections were added to the online database this year. In addition, 61 finding aids for other participating institutions (the Museum of New Mexico and New Mexico State University) were added.

An entire CSWR collection, the Indian Affairs Papers, was made available online. Each document was scanned, the image converted for Web display, and linked to the inventory. The project greatly enhanced access to the documents, making them available for public use in the broadest possible sense.

Selected images of materials from the Clinton P. Anderson Papers and Photograph collections were added to the online finding aid.

Center staff participated in meetings that formed the New Mexico Digital Collaborative. The Collaborative with the NM Office of Cultural Affairs as lead institution submitted a grant application to the Institute of Museum and Library Services to extend the concept of the OANM to other institutions in New Mexico.

Conservation

The Conservation Studio made considerable progress in the care of CSWR and General Library collections. They treated a total of 1,132 items, completing 583 custom enclosures and 998 conservation treatments. Staff provided 117 hours of training in book, documents, print, and photograph preservation techniques. In addition, they provided specialized reference for 344 inquiries regarding preservation and conservation from the UNM community and around the state.

The staff assisted a preservation consultant hired to assess the General Library by supplying information and discussing issues. They also reviewed and commented on consultant's report. In addition, they responded and assisted with recovery efforts at two water events in General Library branches.

Exhibits and Programs

Two major exhibits were curated and installed this year. "Ritual Semblance and Veiled Interiors," work by Delilah Montoya, featured photographs and three-dimensional works by this leading contemporary Hispanic artist from New Mexico. "Facing Southwest: The Houses of John Gaw Meem," was produced in conjunction with publication of the Chris Wilson book of the same name. The exhibit included plans, drawings, architectural details and photographs of Meem's work from CSWR collections.

The Chile Exhibit was a tremendous success. It was used for class assignments and was the impetus for an official General Library staff function. Even after the exhibit was dismantled, there was still interest with numerous requests that the exhibit be remounted. The exhibit was held in connection with the Southwest Culinary Adventure Series that attracted a large audience interested in New Mexico foods. Guest speakers brought samples of New Mexican cooking. The Frank Waters Exhibit was another successful event.

American Indian Research and Outreach (AIRO)

Located in the CSWR, the AIRO supports general reference and individualized reference assistance to UNM students and others from around the country, instruction to new and continuing students (including the creation of a set of slides for presentations), collection development for Native American published materials, and general reference assistance.
This year, the AIRO manager wrote a grant to the New Mexico State Legislature for funding of "UNM General Library's Native American and Hispanic Research and Outreach Program." Although not funded this year, AIRO will reintroduced this grant for possible funding next year.

AIRO assisted several students with library research this fiscal year. Most notably was her help to the Jicarilla Education Department and Tohaajiilee students. The AIRO manager also delivered a presentation to the University of Oklahoma's non-traditional library class. Having served as the Center's selector for American Indian materials, this year she was asked to become the library's selector for Native American materials. She also continued to liaison with the Native American Librarians Special Interest Group (NALSIG) and strengthened collaborations with the Tribal Libraries Program of the New Mexico State Library. In addition, this year she established new ties with the Friends of New Mexico Tribal Libraries.

Plans and Recommendations

The Center views the goals stated below as the impetus for achieving its high standards of public service.

- Improve the Web pages to provide further access to CSWR collections and to update new items.
- Continue to reformat collections and finding aids to provide online access. Select collections for future digitization.
- Develop collaborative relationships with on-campus communities to identity and meet research needs.
- Continue to promote collections through public programs and exhibitions.

FINE ARTS LIBRARY

Dena Thomas Kinney, Interim Director, Fine Arts Library

Significant Developments

The Fine Arts Library supports the teaching, learning and research activities of the College of Fine Arts and the School of Architecture and Planning, the University, and the community. Space in the Library, or more accurately, lack of it, continues to be a critical concern and motivation for many activities and projects. In the spring, the library received wonderful news that there would be room designated for it in a new Architecture and Planning building to be located just east of the bookstore, between Central and Redondo. The visiting space consultant Jay Lucker provided the library with a great opportunity to discuss issues and long term plans. The library began collecting detailed information about library collections in terms of numbers; space currently occupied, and anticipated growth. It developed an initial document detailing area space needs and describing desirable adjacencies in the new building. Library personnel look forward to working closely with the architect, University Facilities Planning, the College of Fine Arts, the School of Architecture and Planning, and Jay Lucker, to develop plans for an innovative library to showcase the library's unique collections and services.

To shift a balance toward greater patron access to materials, the library made two changes in circulation policies. It began to circulate sound recordings to undergraduates—previously these materials only circulated to select categories of patrons. The library also increased access to the FAL XX collections by offering short-term circulation of the materials, previously only for in-house use. With the help of a volunteer from Zimmerman Public Services, the library refined the FAL Web pages. The Collection Coordinator developed Web-based acquisition lists for sharing information on new materials from the library's Web page. Fine Arts is the only GL branch currently offering the newly developed GL homepage as a default homepage. All staff participated in providing reference services. Library instruction service was greatly improved by acquiring a computer projector unit and a large screen, although it still lacks a devoted classroom.

The Fine Arts Cataloging Team continued to catalog new and gift material. Selectors are in the midst of long-term projects evaluating large backlogs of stored gifts and either selecting them to be cataloged for the collections or sending them to the Gifts Department. The Cataloging Team is also working more closely with the CSWR, doing original cataloging on Robb Archives sound recordings and MFA thesis projects housed at the CSWR. The Fine Arts cluster was dropped from the shelfready cataloging project as it was determined the materials were not a suitable fit.

Preservation is a great concern in art libraries, and the FAL spent time with the preservation consultant who visited in November. Issues and concerns were discussed and the resulting report will prove helpful to identify priorities. Two major preservation projects completed during this time were the re-housing of the Gigante scores and the transfer of the Kurt Frederick reel-to-reel tapes to digital audio CDs. Campus North Storage facility was shut down, and in the summer of 2001, a major project of moving collections (22,000 items) from that facility to compact storage in CSEL was completed. A large thanks is due to CSEL for help in accommodating the wandering collections. An interdepartmental group was formed with CSWR and Collection Management to communicate on issues of mutual concern. The group worked on a policy for improving access to FAL collections housed in Tower 1, and decided that a few collections of FAL materials currently in storage there would be more appropriately located at CSWR permanently.

Fine Arts selectors worked diligently with teaching faculty on the GL-wide serials cancellation project.

The library continued to offer fine public and technical services while the director was on sabbatical July – December and while the library was low-staffed in the circulation unit from March –June. Most staff assumed additional duties or assisted by being available on a more flexible schedule, and all deserve thanks for their help and willingness to fill in. A new interim director was appointed in January and the staff has provided her with beneficial background information and analysis of issues. FAL services received high user ratings in the LibQual survey, a great motivation. Library staff participated in and contributed to many Library and University committees and forums. Several FAL staff served at the Zimmerman reference desk and one volunteer from Zimmerman Public Services serves regularly at the reference desk.

Plans and Recommendations

Goals are dynamic and subject to revision as the Library changes to provide better services and collections.

- Work collaboratively with Facilities Planning to determine space needs and design for new FAL
- Participate in Customer Service Training program
- Receive training for and implement OCLC Connexion system
- Continue to evaluate materials in storage and in various collection areas
- Identify and prioritize preservation needs
- Continue working with LIT to identify issues of interest and to improve services to patrons
- Review and improve signage
- Continue reference skills training

PARISH MEMORIAL BUSINESS LIBRARY

Susan Awe, Director, Parish Library

Significant Developments

Changes in management, staff, and responsibilities affected each staff member. Electronic resources continue to change and grow for business sources; and the library continues to evaluate current subscriptions, and new ones being developed. The library expects this to be a continuous responsibility, using the library budget to select the very best resources available to support UNM faculty and staff. The library is developing marketing strategies for Parish to encourage more and better use of the library's resources and trying to increase access to resources through the Web.

Collection Development

The library did not cancel any significant paper subscriptions this year and added a few inexpensive titles. It canceled some print and microfiche subscriptions for now accessible electronically. Some examples are business directories, 800 directories, and duplicate microfiche. The library is scaling down the paper collection of annual reports of the top Fortune 500, Global 500, and New Mexico companies. It is also exploring the possibilities of moving this database to the Web to provide wider access.

Electronic Resources

Parish continues its progress of careful selection and addition of electronic resources. It added a subscription to SBRnet, a small database on the business of sports and added access to the full-text of the Wall Street Journal through Proquest. Mergent (formerly Moody's) online product replaced Global Access and it canceled Dow Jones Interactive. The library continues to obtain a few CD-ROM products. It is looking at the periodicals indexed in NMBPI to see if they are indexed commercially, with thoughts of discontinuing this time-consuming endeavor. The library will be considering additional changes to electronic resources in the coming year. The new UNMGL Electronic Reserves system will be introduced to ASM and economics faculty in the fall.

Parish Web Page

The Parish Web page continues to change and develop. Several categories are in the planning stages and may be added in the coming year. The library is looking to add a search feature. Updating current subject pages is ongoing.

Instruction

Library instruction at Parish continues to focus on orientation, research skills, and the library's changing electronic resources. Parish participated in Welcome Back Daze and ASM's Adjunct Faculty Orientation. It provided orientation for new MBA students. Five staff members provided subject-specific instruction to a wide range of classes both in the library and the ASM classrooms. The library continued to offer individual instruction on Bloomberg Online once a week and other times by request through the services of a management student from the Anderson Schools of Management.

Gifts

Parish received small donations on an ongoing basis. The Albuquerque Human Resources Association funds six human resources journal subscriptions. Retiring professors provide a steady supply of gift books. Staff continued to review current business reference and business titles which are added to the collection, valued at over $3,000.

Personnel
Parish's Latin American Specialist accepted the new position in the General Library as program manager for DILARES, but will continue working at Parish on the Reference Desk and other duties for approximately ten hours per week. After September 11, 2001, one Library Information Specialist III at Parish was called up to active duty in the Air National Guard and served from February 20 through June 30, 2002. Parish staff worked many extra hours on service desks and completing other duties as needed due to this staff vacancy. After an internal search, the Director of Parish position was filled in June 2002.

Equipment
The library continues to upgrade both staff and public PC's in Parish. This year the Reference Desk PC was upgraded with a new PC as well as four other new PC's for staff. Memory and software is also upgraded or added on a need-to-have basis. The library placed an "applications" PC for patrons to check disks for files downloaded from electronic resources. By the end of 2001, 15 upgraded PC's were available for patron use in Parish. Parish gift funds supplement General Library funds for equipment it needs. PC's were also installed on the Circulation Desk this year to replace LIBROS terminals. With new wiring, the library opted to activate three new Internet ports on the main floor of the library and activate the group study room ports to enable laptop users to connect to the Internet.

Plans and Recommendations

Collection Development
The library will continue to weed the Reference Collection and analyze ways to involve more staff in the Collection Development process. The library will investigate cooperative collection development within the state of New Mexico, especially in the periodicals area.

Electronic Resources
Electronic resources will continue to be reviewed and analyzed for purchase or replacement. Parish will continue to consider canceling subscriptions, microfiche, or binding because of electronic access.

Parish Web Page
The library will continue to expand and add resources to the Parish Web page. The Subject Web pages will continue to grow and evolve to help UNM users find information quickly and easily.

Instruction
The library will continue expanding library outreach activities with the Anderson Schools of Management (ASM) and the Economics Department, offering training on new electronic resources as they are added as well as library orientation sessions as needed.

Personnel
The library will continue to evaluate the needs of the Parish Reference and Circulation desk to best utilize current staff. It will need to hire a full-time position at some time in the future if it continues to expand commitments to instruction, collection development, and electronic resources.

ZIMMERMAN LIBRARY PUBLIC SERVICES

David Baldwin, Director, Zimmerman Library

Significant Developments

The Zimmerman Library public services faculty and staff continued to provide outstanding service to users during the year. There were many administrative changes mid-year in Zimmerman Reference, Government Information, and Circulation. The departments continue to work together to make Zimmerman Library a branch library for Social Sciences, Humanities, and Education. As a branch library, the faculty, staff, and student employees focus on Zimmerman collections and services, striving to serve users better.

Zimmerman Public Services was reorganized in January 2002 to create a branch library – Zimmerman Library (Reference, Government Information, and Circulation Services & Collection maintenance); search committees recruited and hired a new circulation manager and two librarian interns; installed new computers for patrons that include application software; replaced terminals with personal computers; increased the number of public accessible computers; implemented a more liberal food and drink policy; installed a coffee cart on the lower level in the spring (and moved it to the first floor in the fall); improved signage and directory information; rearranged the microfilm and newspaper collections; consolidated the microforms service desk with the Government Information Reference Desk; initiated a system-wide shelf reading project to help Zimmerman Library users find books; initiated Circulation bibliographic maintenance projects to add barcodes to materials and to find mislabeled and mis-cataloged books; initiated electronic reserves and scanned materials during the summer, and worked with student government to conduct a finals week hours survey and expanded open hours during spring finals week in response to student feedback.

Zimmerman Library accomplishments include establishing an information commons planning committee in March and that committee is working on a final report for Dean Camila Alire. Zimmerman Library faculty and staff participated in the interview process and provided feedback to the search committee. An appointed committee recruited and hired two new librarian interns.

Plans and Recommendations

- Continue to make advances toward information commons concept with facility and service improvements
- Use LibQual+ 2002 Survey results to identify areas of customer satisfaction, strengths, and weaknesses, and identify areas for change. Continue to make changes to improve collections access and reference service
- Continue shelfreading projects, including inventory of parts of the book collection
- Continue to investigate the possibility of having collection development coordination for Education, Humanities, and the Social Sciences handled by Zimmerman Library faculty, further improving on collection management for Zimmerman

Access Services
Edward Padilla, Head of Access Services

Significant Developments

In an effort to address strategic goals by enhancing access to information for local and distant users, Access Services has implemented the use of new Docutek software. The homegrown e-reserve pilot project was successful, and helped library staff to easily integrate new electronic reserve policies and procedures. The new electronic reserves software now permits faculty members the option to manage their own course reserves or have library staff manage their reserve materials for them.

A major light and ballast replacement utility project was successfully completed in Zimmerman and Centennial Science and Engineering Library. The new fluorescent lights and ballasts will reduce associated energy costs by almost half while enhancing visibility in all public and work areas. The first phase of major structural slab repairs was completed at the Centennial Science and Engineering Library.

An Operations Manager was hired to work in the Circulation Department in Zimmerman Library. This position is responsible for direct oversight of Circulation functions in Zimmerman and also provides Electronic Reserve and Reference assistance. As a result of hiring a new Operation Manager in Zimmerman, the Head of Access Services and his assistant now coordinate all Access Services units of the UNMGL. All UNMGL Access Services Circulation staff now meet regularly. The UNMGL Access Services managers were relocated to a temporary location in the back section of Interlibrary Loan.

A coffee cart was added to the main lobby of Zimmerman Library. Upgrades to the fire protection sprinkler system were added to lower levels two and three. The north storage facility was thoroughly cleaned by an outside agency. The library has continued to dispose of old equipment, furnishings, and other materials at North Storage that are of no practical use to the library thereby providing additional space for library materials with very low or minimal usage.

New UNMGL Confidentiality Guidelines were drafted as a direct result of Section 215 of the U.S.A. Patriot Act, which now permits much easier access to patron records. The major shift of the general collection continues on the second and third floors of Zimmerman Library.

The head of Access Services participated in the long, time consuming, search for the new Dean for the UNMGL. A new Dean was hired and begins work on September 16, 2002.

The Copy Center removed nine copy machines from the UNMGL to reduce expenditures. The Copy Center worked the entire fiscal year with only one staff member who was able to maintain all necessary workflow activities by exhaustive application to her assigned duties and responsibilities as well as utilizing student employees efficiently.

Interlibrary Loan and Document Delivery continue to provide faculty and students with excellent service. The use of Ariel in Interlibrary Loan has enhanced desktop delivery of articles to patrons. New electronic reserve software (Docutek Information Systems) has successfully been implemented in Access Services. The Assistant Head of Access Services, was instrumental in organizing, training, and coordinating implementation of the new electronic reserves.

Plans and Recommendations

Access Services will begin investigating self-check out options. Electronic Reserves plans on widespread advertising to all faculty members on main campus after the fall 2002 semester. Additional upgrades to the structural slab will continue at Centennial Science and Engineering Library, hopefully, in the early summer next year. Efforts to improve customer service at all Circulation counters will continue. Enhancing coordination between all Access Services Circulation units will continue. Monthly meetings of all Circulation managers will be scheduled.
Another request for new carpeting in all public areas in Zimmerman Library will be forthcoming.
The head of Access Services will be investigating the possibility of upgrading LSII evening and weekend staff at the each branch location to LS111's, and for having all pay rates for Managers, Library Operations positions at the branches increased to the current highest level for that position in a Circulation unit.

Credit Course Programs

Susan Deese-Roberts, Coordinator, General Library Credit Courses.

Significant Developments

The mission of the General Library includes the support, participation in and enhancement of the instruction, research, and public service activities of the University through a variety of efforts including "teaching people how to use libraries effectively and access information successfully." The credit courses are one specific activity that fulfills that teaching role. Credit courses offer academic credit, a format of instruction inherent in the University learning environment.

During 2001-02, the plan to offer LIBR 120 during fall semesters only and LIBR 290 and/or LIBR 493 during spring semesters was implemented. Three sections of LIBR 120 were offered during the fall semester with 51 students enrolled in the three sections. During the spring 2002 semester, two sections of LIBR 493 were offered as 'in classroom' sessions. 25 students were enrolled in the two sections. Most notably, the two sections were designed specifically for and marketed to undergraduate students in the Ronald E. McNair Scholars Program. This was the first time that the General Library had collaborated with a specific program on student enrollment and course content.

Plans and Recommendations

Recommendations for the future of credit courses within the General Library will be included in a report created by the Task Force on the Future of Library Instruction Programs. That report is due in October 2003. LIBR 120 needs to be examined in the context of the Freshman Academic Choices program on campus. Status as part of the core curriculum needs to be examined for LIBR 290 as well as possible changes in format such as LIBR 290 an independent study and/or lab course tied to a specific discipline. Universal elective credit for all three courses must also be explored. Questions regarding maximizing faculty resources, best modes of learning for students, and the role of credit courses in a campus-wide information literacy program remain.

Division of Iberian and Latin American Resources and Services (DILARES)

Carolyn Mountain, DILARES Program Manager

Significant Developments

In the summer of 2001, the General Library created the Division of Iberian and Latin American Resources and Services, DILARES, after a working group spent a number of months examining the strength of the library's Latin American collections and services. According to 2000-01 figures gathered by SALALM (Seminar on the Acquisition of Latin American Library Materials), UNMGL ranks among the top four nationally in university-based collections. Latin American monographs alone number some 425,000 volumes, or roughly 20% of the system-wide total, in the General Library. Consequently, the library recognized the need to give greater visibility to these holdings, as well as to extend and deepen the range of services offered to students and faculty in Latin American and Iberian studies. This new division operates as a matrix-based unit that crosses departmental lines and integrates public, technical, and collection development services with new outreach and research components. DILARES is currently administered by a five-person management committee, which includes a new Program Manager position.

The DILARES mission revolves around two interlocking goals:

- Meeting the varied information needs of UNM's research, instructional, and outreach programs in Latin American and Iberian studies
- Collaborating with organizations on local, national, and international levels to enhance Latin American and Iberian studies and to expand research resources

DILARES has accomplished a number of its primary goals and objectives during its first ten months of operation, including:

- Creating a new Website at http://elibrary.unm.edu/ibero/ that contains extensive information and links to Latin American/Iberian collections and programs
- Creating a biennial information newsletter, "El Navegante", sent to the UNM Latin American Studies community and linked through the Website. Covers significant acquisitions, exhibitions, new electronic resources, and upcoming events
- Acquiring the world's premier collection of contemporary Latin American political posters renamed the Sam L. Slick Collection of Latin American and Iberian Posters. They number more than 10,000 posters produced between 1960 and 1997. Processing and description of this collection is being done by the Nina-Otero Warren Fellow, funded by the Center for Regional Studies. This has high priority for digitization and we are actively investigating potential funding sources
- Completion of the cataloging the Columbian Quintencenary Collection by the Ibero- American Resources Section. The LAII's graduate assistant for collection development and DILARES finished processing this collection. Completion of cataloging and digital images for Ediciones Botas Book Covers, which was developed as an Access database. This has priority for future UNMGL Website development. Photo-Archivist in CSWR continued to develop the José Guadalupe Posada Popular Prints Database and Website

In addition, DILARES was involved in several Outreach and Research efforts:

- Co-sponsor, with CSWR, of Open Doors: Regional Scholars and Writers Series
- Active collaboration with expanded network of campus programs and departments
- Participation in North Campus grant-funded projects, e.g. Latin American Social Medicine database http://hsc.unm.edu/lasm
- Joint Library-University Art Museum research, exhibition and collection development projects, including a forthcoming Latin American artists books IMLS grant proposal
- Strong outreach efforts to local museums and institutions
- Collaboration with National Hispanic Cultural Center (NHCC) on exhibition of Latin American political posters, opening at the NHCC in fall 2004
- Exhibitions of materials in the Herzstein Latin American Reading Room included the fall 2001 exhibit on Carlos Mérida: Una Plástica Americana and the spring 2002 exhibit on Vicente Lombardo Toledano: Paths of Struggle, Triumph, Defeat
- DILARES has had an ongoing discussion with the Northeast Document Conservation Center about hosting a conference or workshop on digital imaging.

Plans and Recommendations

The academic year for 2002-03 will include a Planning Conference in October 2002 at the National Hispanic Cultural Center on behalf of the forthcoming exhibition of the Latin American political poster collection. The funding for this conference has already been secured. In addition, DILARES is creating an electronic Guide to Latin American Microforms. A reference department Intern is Project Manager, with assistance of the two DILARES student assistants. It will be completed and available on the UNMGL homepage by the end of the fall semester, 2002. We will also have the DILARES brochure translated into Spanish, as well as explore how to create greater collaborative efforts with ISTEC. The cataloguing and processing of the recently acquired Mexican Cookbooks collection should be finished this year. And finally, we will host the To Film or Scan workshop at UNM for the Northeast Document Conservation Center in May 2003. It will have space for 50 participants and focus on digital imaging management and technology.

Interlibrary Loan and Document Delivery

Randy Moorehead, Head of Interlibrary Loan & Document Delivery

Significant Developments

The Interlibrary Loan and Document Delivery Department had a very productive year, continuing to work toward goals established by the UNMGL. A total of 60,064 requests were received and processed. The powerful ILLiad (Inter Library Loan Internet accessible database) software was upgraded twice (from version 3.0 to 5.1) without a break in service; since the system is Web-based, this was extremely important. The department continued to provide top service to more than 400 Amigos, BCR, and GWLA

consortium member libraries. Ariel service continued to expand, as did the membership in the GWLA (now up to 32 libraries). We can now provide even faster turn-around of materials. Since the department's stated goals include providing best possible service to library patrons, it has achieved this goal during the past year.

The most significant objective achieved during the year was to install both the Health Sciences Center Library and the New Mexico Tech Library as ILLiad users on the library's system. The department received extraordinary help from the LIT department, and both spent a large number of man-hours installing, trouble-shooting, and training with the staff at both institutions. Both libraries are now online with the ILLiad system, and it will continue to work closely with both in the next year.

The staff organized and ran the annual bake sale, the proceeds went to sponsor the adoption of two animals (a Bobcat and a Red Panda) at the Rio Grande Zoo (in the name of the General Library).

Student staffing levels were again lower than the previous year, down due to financial aid and budget constrictions, yet allocated hours were never exceeded during the year due to careful planning.

Borrowing Section

The Borrowing Section received a total of 17,173 requests during the year. It successfully filled 14,554 of these, for a fill rate of 85%. Non-reimbursed invoice expenses averaged $1.59 per request, which included more than $5,010 paid in copyright fees. Requests are processed the same business day, often within a few hours. With the addition of the Electronic Delivery option, photocopied articles can be delivered directly to the patron's desktop computer as Adobe PDFs. The department has signed up 43% of library patrons with this option, and this accounts for over 60% of the articles now received.

Lending Section

The Lending Section received a total of 39,376 requests during the year. It successfully filled 17,349 of these from the library's collection, for a fill rate of 44%. Large numbers of requests continued to flow in from libraries within the state of New Mexico, including from smaller colleges and newer consortium members. Requests are processed the same business day, often within a few hours.

Document Delivery Service

The Document Delivery Service received a total of 1520 requests during the year. It successfully filled 1421 of these, for a fill rate of 96%. Since the UNMGL is the "Library of Record" for the Western Governor's University, all requests for library materials by WGU students are handled by the service. The service, in cooperation with the WGU coordinator in Reference, provides rapid turnaround of book, photocopies, and reports to WGU students located throughout the western United States. WGU students can request any materials using the Web page and have it delivered either electronically to their desktop or by UPS directly to their door. The department has expanded this service to include a larger test group of Distance Education users (UNM Ph.D. candidates living in other states).

Shipping and Receiving Division

There was no significant change for the Shipping and Receiving Division. The Shipping and Receiving division is still responsible for all storage, retrieval, and surplusing done by the UNMGL, and did so in a timely and efficient manner throughout the year.

Plans and Recommendations

The Interlibrary Loan and Document Delivery Department plans to continue to upgrade the ILLiad system (to the new version 6), and to phase out the telnet-dependent functions of the service, making it

fully Web-based and even more efficient. This has allowed the elimination of costly paperwork and outdated filing systems, as well as improvements in customer service with quicker fulfillment of requests. In the upcoming year the department will continue to function as the primary library resource for the Western Governors University program, including fulfilling requested materials by distance education users. The department will also continue to expand consortium membership and improve delivery systems as costs permit. As always, high levels of public service to the University community will be maintained.

Zimmerman Instruction Services and Reference Services

Mark Emmons, Head, Instruction Services

Significant Developments

During the 2001-02 academic year, Zimmerman Instruction Services and Reference Services faculty and staff taught 6,354 students how to do library research in 367 instruction sessions. The instruction program reaches freshmen primarily via the Freshman Learning Communities and English 102 and in majors primarily via 80 courses that bring their students to the library regularly. In addition, the library participated in the pilot for the Freshman Interest Groups and Living and Learning Communities. The number of library faculty and staff teaching in the instruction program increased from 25 to 28 and included new participation from the Centennial Science and Engineering Library and continued participation from the Parish and Fine Arts Libraries. Instruction Services continued to train the CAPS Library Strategies Tutor in library resources.

LIRIC made proposals to three departments to integrate information literacy into their curricula – two agreed. Dean Florez, College of Education, expressed interest in having two cohorts of education students experiment with information literacy. Communication and Journalism faculty discussed the possibility of making information literacy one of the core competencies expected of graduating students. Pilot programs will be developed over the course of the year.

The Head of Instruction Services in Zimmerman was also named Coordinator of Information Literacy for the General Library. The workload in Zimmerman has made it impossible to spend anywhere near the expected 20 hours per week on information literacy. It is proposed that the library hire a Training Specialist to coordinate freshman programs and to free up time for information literacy. Hiring two interns should alleviate some of the Zimmerman workload.

Based on the success of a pilot project designed to explore alternatives to library instruction scheduled during class times, a librarian offered instruction labs to students taking upper division classes in Social Sciences. The labs were marketed primarily to Sociology and Political Science students. Labs were voluntary and scheduled at a variety of times in an attempt to meet the scheduling needs of the students. 164 students participated.

LIRIC developed a list of teaching competencies in order to improve teaching quality, create an outline pedagogical training, and provide a mechanism for self and peer assessment in library instruction. PSMC endorsed the competencies and agreed that all instructors will incorporate at least one competency into their annual goals in 2003.

Instruction Services offered in-service training to eight library faculty and staff on effective pedagogy. As a result, one additional faculty member began providing library instruction in the discipline for which she selects library materials. LIRIC members took part in the in-service training program. Instruction Services developed a workshop titled "Effective Library Assignments" for presentation to TARC.

Instruction services continued to maintain Web pages describing its services and providing online handouts to classes.

Plans and Recommendations

- Write White Paper for incoming Dean Camila Alire with recommendations on the future of Information Literacy
- Implement pilot plans for information literacy for Education cohorts and Communications & Journalism department. Measure success of each pilot plan
- Develop an online tutorial to complement and supplement classroom instruction
- Use the results from the evaluation of student portfolios to improve the English 102 program
- Incorporate at least one teaching competency into each instructor's annual goals for 2003. Develop a training program based on the goals selected. Coordinate peer evaluation for instructors who do include a goal. Continue to offer beginning training workshop in pedagogy
- Review instruction assignments and loads with Zimmerman Public Services and Selectors faculty and staff. Continue to draw new library instructors into freshman and core instruction
- Increase staffing for library instruction by creating and filling one staff position to coordinate freshman library instruction and creating and filling one or two lecturer positions in library instruction
- Update all General Library instruction policies

LIBRARY COMMITTEE REPORTS

Committee on Committees

Susan Awe, Assistant Professor; Director, Parish Library

The Committee on Committees included of the following individuals: Sever Bordeianu, Nina Stephenson, and Susan Awe, Chair. Generally, the committee conducted business through e-mail, gathering nominations for standing committees and search committees and reporting those nominations to the library faculty and the Dean of the Libraries. In the summer of 2001, members put together a slate of candidates for two search committees: the General Library Head of Public Services and Director of Zimmerman Public Services. Both searches were subsequently cancelled. In fall of 2001, members put together a slate for the Library Interns Search Committee, and this committee was successful in hiring two individuals. In spring of 2002, in preparation for the new committee cycle, the committee put together slates for three committees for the library faculty including the Sabbatical Review, the Promotion and Tenure, and the Committee on Committees. New members were elected to these committees by secret ballot.

Personnel Advisory Review Committee

Frances C. Wilkinson, Frances C. Associate Professor; Deputy Dean of Library Services

The Personnel Advisory Review Committee (PARC) consists of seven members. Three are standing members: the Deputy Dean of Library Services (Fran Wilkinson, chair), the Business Manager (represented by Connie Kelly), and the Library Human Resources Branch Representative (Rita Critchfield). The other four members shall include two faculty members (Sever Bordeianu and Sue Awe), of whom at least one shall be a supervisor of staff; and two staff members (Pat Fairchild and Linda Williams); all appointed for three-year terms. The Deputy Dean of Library Services shall recommend new appointments for PARC to the Dean's Cabinet for approval. PARC's charge states "The committee shall provide feedback on selected library personnel policy issues, advise on allocation of Staff Career Development Funds, raise issues of concern to library staff, and facilitate decision-making by the Dean's Cabinet (DC) on staff personnel changes having fiscal impact. The Personnel Advisory Review Committee (PARC) shall review all personnel changes referred by DC in terms of fiscal impact, effect on other positions, effect on other units, and alignment with identified trends and library priorities. PARC and the Employee Development & Training Advisory Committee (EDTAC) shall jointly advise on allocation of Staff Career Development Funds."

The General Library budgeted $15,000 for Staff Career Development. Half the allocation was administered by EDTAC to bring training sessions to the General Library. The other half was jointly administered by PARC and EDTAC to assist individual staff to carry out Career Development Plans, supporting provisions of the University Career Development Policy, UBP 3260, by attending classes, workshops, and conferences offered outside the library. These individual requests are called Staff Career Development Awards. The guidelines for the awards allow staff to submit applications throughout the year until all funds are awarded. The maximum annual award this year was $400 per person. Awards were made to 22 staff. In addition, PARC reviewed four Career Ladder Plans and referred them with its recommendation to Dean's Cabinet. Seven Career Ladder Plans from 2000-01 were successfully completed this fiscal year.

Promotion and Tenure Committee

Dena Thomas Kinney, Associate Professor; Interim Director, Fine Arts Library

The year was a busy one for the Promotion and Tenure Committee. Committee members were Dave Baldwin, Sever Bordeianu, Susan Deese-Roberts, Mary Ellen Hanson, Linda Lewis, Virginia Seiser, and Dena Thomas (chair). The committee received two applications for promotion to full professor, one application for promotion to associate professor, and three promotion and tenure applications. The committee met numerous times to review applications and evaluations received from staff, faculty, and external evaluators. Committee members all participated in writing and presenting evaluative reports to the Library Faculty. All applications submitted were approved.

Salary Review Committee

David Baldwin, Professor; Director, Zimmerman Library

The Salary Review Committee reports that it did not meet this year.

Public Service Committee Reports

Public Services Management Committee (PSMC)

An electronic suggestion box was added to the bi-weekly meeting agendas. This provides a confidential avenue for making changes to improve customer service or create efficiencies by allowing public service workers to make suggestions for improvements to recurring small problems.

Library Instruction and Reference In-service training Committee (LIRIC)

The Reference In-service and training program provided numerous training opportunities for librarians as well as more general electronic productivity workshops. The UNMGL Coordinator of Instruction Services was also named Coordinator of Information Literacy and work began on a white paper for the incoming Dean of Libraries. Through the year 10,752 students and other groups received instruction on how to do library research in 705 instruction sessions. More details can be found in the Instruction annual report.

Outreach and Communications Committee (OCC)

The committee organized UNMGL's participation in events targeting new faculty and student orientation, publicity for new library databases, services, and resources via the UNM faculty list-serve. By year-end an agreement was reached with the UNM Daily LOBO to provide the paper with monthly library-related columns.

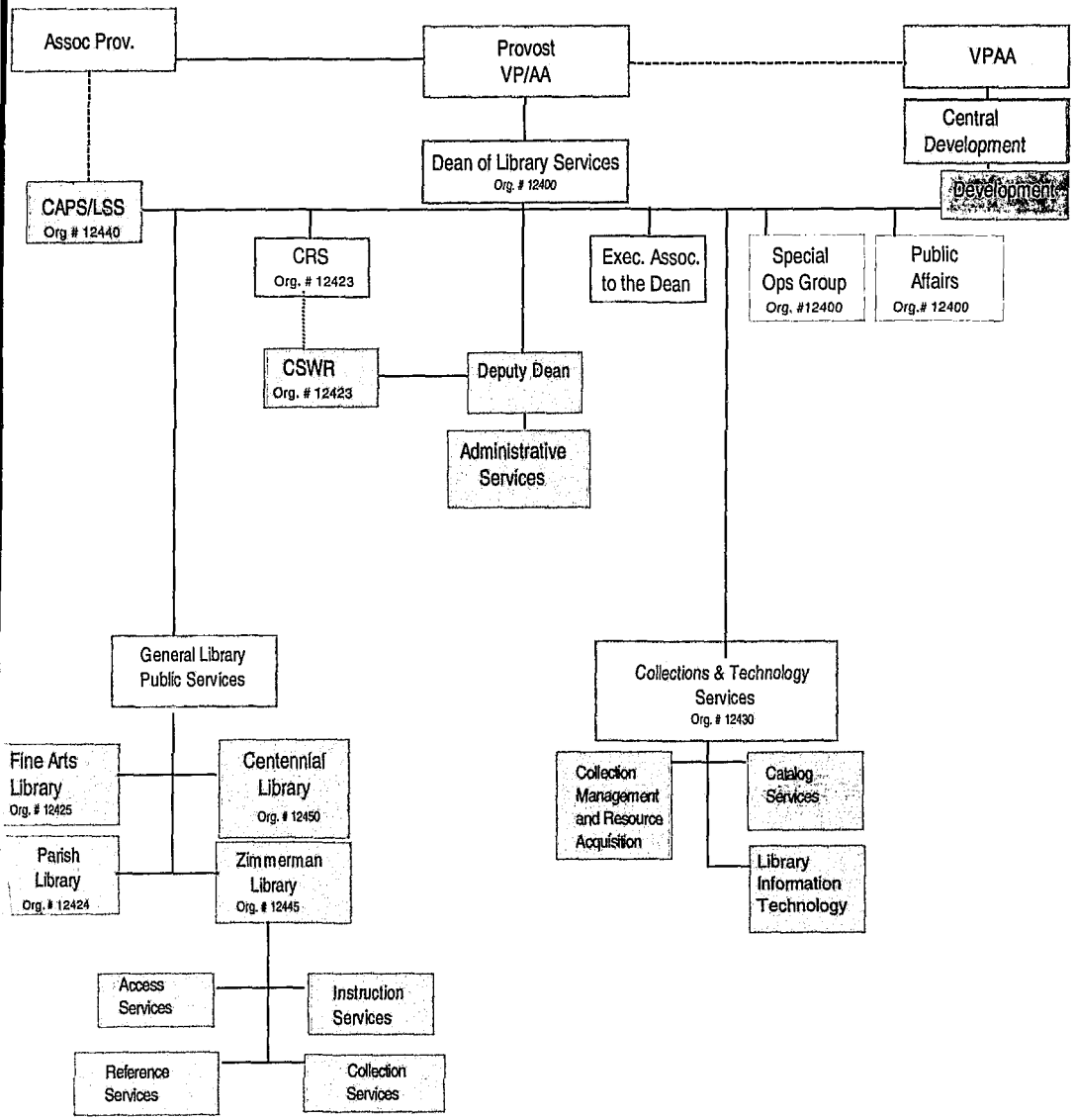
Data and Trends Analysis Committee (DATAC)

The LibQual + participation continued as described above. The Public Services Web Presence is another responsibility of DATAC. The E-library Web site was redeveloped and brought live in the summer of 2002. By the end of the FY the responsibilities for improving and maintaining public service Web pages were clarified and a system put in place through DATAC as described above.

Public Services Planning Committee (PSPC)

Topical areas discussed at PSPC included three major issues: Overall discussion concerning Public Services committees. The objectives of OCC, LIRIC, DATAC, and PSPC committees were re-defined. PSMC will draw together issues from these committees as well as issues brought to it by branch representatives. Decisions not made at PSMC are forwarded to the next Dean's cabinet meeting for discussion and action. Through these five committees, library personnel can obtain sources of information and decision making.

Appendix I: Organizational Chart



APPENDIX II: EMPLOYMENT SUMMARY 2001/02

HIRING

Kate Downer, LIS II, Staff, Access, 10/01/01

DeEtta Lett, Administrative Assistant II, Staff, Admin, 3/15/02

JJ Martinez, Program Coordinator, Staff, CAPS, 12/20/01

Judith Pitch, LIS III, Staff, ZPS, 12/01/01

Sue Swansbach, AP III, Staff, LIT, 6/17/02

Tamara Trujillo, Account Techician, Staff, Admin. 8/06/01

Stephanie West, LIS III, Staff, ZPS, 1/02/02

Stuart Zimney, AP III, Staff, LIT, 6/17/02

PROMOTION

Lee Byrnes, Program Manager, Staff, CAPS, 3/01/02

Marina Cadena, Supervisor Admin., Staff, CRS, 2/11/02

Carolyn Mountain, Program Manager, Staff, DILARES, 9/01/01

RETIRED

Monique Durham, LIS III, Staff, CSWR, 8/31/01

Marilyn Fletcher, Librarian, Faculty, CSWR, 10/01/01

TERMINATED

Trina Carter, Librarian, Faculty, ZPS, 6/30/02

Jason Covington, LIS II, Staff, Access, 8/31/01

Ginger Grosjean, Program Coordinator, Staff, CAPS, 8/23/02

DeEtta Lett, Administrative Assistant II, Staff, Admin, 6/07/02

TRANSFER

Carolyn Gonzales, Senior Public Affairs Rep., Staff, Development, 2/28/02

Appendix III:
Faculty and Staff Outside Professional Activities 2001-02

Albillar, Orlando

Conferences

- Hardening Linux, Albuquerque, NM, September 12-14, 2001
- Library Information Technology Association's American Library Association pre-conference on Open Source software for libraries, Atlanta, GA, June 13-15, 2001

Presentations

- "VMware and other virtual machine software for Linux to ASIGUNIX," to the Albuquerque Unix Special Interest Group, Albuquerque, NM, May 15, 2002

Awe, Susan

Committees

- American Library Association (ALA), Business Reference and Adult Services Section (BRASS), BRASS Notes Editor
- ALA, Louis Shores/Oryx Press Award Committee, Chair
- ALA, RUSA Publications Committee, Chair
- Mountain Plains Library Association (MPLA), Leadership Institute Committee, Member

Conferences

- MPLA Annual Conference, Phoenix, AZ, December 2001
- ALA Midwinter Conference, New Orleans, LA, January 2002
- Academic Business Library Directors Annual Meeting, Dartmouth, April 2002
- ALA Annual Conference, Atlanta, GA, June 2002

Baldwin, David

Conferences

- 3rd Annual ARL/OCLC Strategic Issues Forum "Future Library Architecture: Conception, Design and Use of Library Space," Las Vegas, NV, February 15-17, 2002
- Designing Creative Learning and Work Environments Workshop, presented by the Rio Grande Chapter of Special Libraries Association, Santa Fe, NM, May 31, 2002

Barkley, Daniel C.

Committees

- Albuquerque Basketball Officials Association, Member
- American Library Association (ALA), Subcommittee on Government Information (ALA/GIS), Member
- Government Documents Round Table (GODORT), Legislation Committee, Chair
- GODORT Steering Committee, Member
- Greater Albuquerque Baseball Umpires Association, Vice President

Conferences

- Depository Library Council, Washington, DC, October, 2001
- ALA Midwinter Conference, New Orleans, LA, January 2002
- Depository Library Council, Mobile, AL, April 2002
- ALA Annual Conference, Atlanta, GA, June 2002

Barnhart, Jan Dodson

Committees

- Albuquerque Historical Society, Vice-President and Program Chair
- American Institute of Architects, Albuquerque Chapter, Committee on Historic Resources, Member
- Bonds 2002 Committee, Member

- Dennis Chavez Foundation, Vice-President, Symposium Director
- Friends of the UNM Libraries, Inc., President
- Hispanic Culture Foundation, Fellowship Review Committee, Member
- New Mexico Women's Legal History Project, Board of Directors Member
- New Mexico Architectural Foundation, Vice- President
- Silver Horizons, 2001 Hall of Fame Selection Committee, Member

Bauerschmidt, Rebecca

Conferences

- AMIGOS classes on Web Publishing using style sheets, Albuquerque, NM, November 8-9, 2001
- Innovative Users Group Meeting, Houston, TX, April 27-30, 2002
- Library Downlink Conference, Virtual Reference Video Conference, Albuquerque, NM, February 8 and April 19, 2002. Co-hosted: with Barbara Rosen and John Benedetto

Bauman, Sara

Conferences

- U.S. Equal Employment Opportunity Commission Technical Assistance Program Seminar, Albuquerque, NM, May 2002

Bénaud, Claire-Lise

Committees

- Seminar on the Acquisition of Latin American Library Materials (SALALM), Subcommittee on Cataloging and Bibliographic Technology, Member

Conferences

- American Library Association (ALA) Midwinter, New Orleans, LA, January 2001

Benedetto, John

Conferences

- Hardening Linux, Albuquerque, NM, September 12-14, 2001
- Library Downlink Conference, Virtual Reference Video Conference, Albuquerque, NM, February 8 and April 19, 2002. Co-hosted: with Barbara Rosen and Rebecca Bauerschmidt

Bordeianu, Sever

Conferences

- American Library Association (ALA), Midwinter, New Orleans, LA, January 2001

Botts, Carroll

Teaching

- Art History 101, "Introduction to Art," UNM Kirtland Air Force Base Branch, Kirtland Air Force Base, Albuquerque, NM, Fall 2001
- Art History 101, "Introduction to Art," UNM Department of Art & Art History, Spring 2002

Bruesch, Mary

Performances:

- Albuquerque Baroque Players, September 22-23, October 20-21, January 26-27, April 20-21, (Los Altos Christian Church, Albuquerque and Historic Old San Ysidro Church, Corrales), February 25, (Keller Hall, UNM), May 17, (Albuquerque Public Library, Main branch), June 4, (Albuquerque Academy)

Critchfield, Rita

Conferences

- Albuquerque, Santa Fe, Los Alamos EEO Diversity Training and Awareness Seminar, Albuquerque, NM, August 2001
- U.S. Equal Employment Opportunity Training for Contract Mediators, Albuquerque, NM, March 2002
- U.S. Equal Employment Opportunity Commission Technical Assistance Program Seminar, Albuquerque, NM, May 2002

Presentations

- NM Center for Dispute Resolution, "Employment Mediation," Panel member, Albuquerque, NM, April 2002
- U.S. Equal Employment Opportunity Commission Technical Assistance Program Seminar, "Mock Mediation Session" presentation participant, Albuquerque, NM, May 2002

Davidson, Russ

Committees

- Seminar on the Acquisition of Latin American Library Materials (SALALM), Gifts & Exchanges Subcommittee, Member

Exhibits

- "Carlos Mérida: Una Plástica Americana, Indigenous Themes & Images from Rare Portfolios in the Latin American Collection," Herzstein Latin American Reading Room Gallery, Zimmerman Library, Fall 2001. With Russ Davidson

de Sa Rego, Stella

Awards

- Golden Light Award, Maine Photographic Workshops, for *Mexican Suite*, Best Photographic History Book of 2001

Curator

- Mexican Suites, exhibit of historical Mexican photography, Throckmorton Fine Art, New York City, NY, May 2 – June 29, 2002

Deese-Roberts, Susan

Committees

- New Mexico Academic and Research Librarians, Past President
- Executive Assistant to the Board, College Reading and Learning Association, Ex-officio Board Member

Conferences

- College Reading and Learning Association, Spokane, WA, October 2001
- Professional and Organizational Development in Higher Education, St. Louis, MO, October 2001
- New Mexico Library Association, Las Cruces, NM, April 2002
- PEW Service Learning Institute, Salt Lake City, UT, April 2002
- Faculty Development for Teaching, Learning, and Technology, Summer Institute, Portland, OR, June 2002

Consulting

- Institute of Public Law, Albuquerque, NM, September and November 2001

Presentations

- "Learning Support Centers in Libraries and in Learning Resource Centers," Winter Institute: Learning Support Centers in Higher Education, Tucson, AZ, January 2002
- "The Scholarship of Teaching: Implications for Developmental Education and Learning Assistance," New Mexico College Reading and Learning Association, Taos, NM, May 2002

Dennis, Nancy

Conferences

- AMIGOS Spring Conference, Dallas, TX, May 2002
- OCLC Digital and Preservation Cooperative, Charter Participant Meeting, Dublin, OH, May 8-10, 2002
- Meeting with UNM Extended University and University of Cadiz, Spain to fulfill grant requirement of FIPSE, BVSSS: Designing a bilingual virtual student support services model, Cádiz, Spain, June 2002

Presentations

- "Online Archive of New Mexico: Where old is new again," New Mexico Library Association 18th Mini-Conference, Farmington, NM, October 26, 2001. Co-presenter, Kathlene Ferris
- The Online Archive of New Mexico for the Art Libraries Society/Texas-Mexico Chapter, Albuquerque, NM, November 2, 2001. Co-presenter, Kathlene Ferris
- "Images, Sounds, Words: The New Mexico Digital Collaborative," New Mexico Library Association Annual Conference, Las Cruces, NM, April 18, 2002. Co-presenter, Devon Skeele, NM State Library

Diaz, Rose

Committees

- Albuquerque Historical Society, Member
- Coordinating Committee for History in Arizona, Member
- National Council on Public History Annual Meeting, Membership Committee, Member
- New Mexico Architectural Foundation, Board of Directors
- Oral History Association, Council of Directors, Local, State and Regional Forum, Chair
- Oral History Association, Council of Directors, Annual Meeting Program Committee, Member
- Oral History Association, Council of Directors, First Vice-President

Presentations

- UNM U.S. Women's History class, "Intro to Oral History," Albuquerque, NM, November 2001
- Albuquerque High School, "Intro to Oral History," Albuquerque, NM, November 2001
- Albuquerque High School, Oral History Project Planning, Albuquerque, NM, January 2002
- Albuquerque High School, Oral History Student Training, Albuquerque, NM, February 2002
- Hispanic Women's Council, Publishing Local History, Albuquerque, NM, February 2002
- Corrales Historical Society, Collection and Preservation, Corrales, NM, February 2002
- Albuquerque Historical Society, Senator Dennis Chavez, Albuquerque, NM, February 2002
- Jewish Historical Society, "Intro to Oral History/Training, Albuquerque, NM, February 2002
- Jewish Historical Society, Training Session II, Albuquerque, NM, March 2002
- Arizona State University, "Women's History," Tempe, AZ, March 2002
- Arizona State University, "Intro to Community History Projects," Tempe, AZ, March 2002
- Albuquerque, Historical Society, UNM Political Archives, Albuquerque, NM, March 2002
- Oral History Association, Program Committee Meetting, San Diego, CA, April 2002

Emmons, Mark

Committees

- American Library Association Instruction Section Teaching Methods Committee, Member
- New Mexico Academic & Research Librarians, Vice-President/President Elect
- New Mexico Council for Higher Education Computing Services Annual Conference Board, Ex-Officio Member

Conferences

- ALA Midwinter Conference, New Orleans, LA, January 2002
- Beginning EndNote Training, UNM, Albuquerque, NM, May 28, 2002
- *Designing Creative Learning and Work Environments Workshop,* presented by the Rio Grande Chapter of Special Libraries Association, Santa Fe, NM, May 30, 2002
- ALA Annual Conference, Atlanta, GA, June 2002

Presentations

- "Computer Classroom Design," a demonstration on the latest in classroom technology presented with Susan Beck during New Mexico Library Association Annual Conference, Las Cruces, NM, April 19, 2002
- "Engaging Conversation: Evaluating the Contribution of Library Instruction to the Quality of Student Research," a reporting of research findings with hands-on exercises during LOEX-of-the-West Annual Conference, Eugene, OR, June 27, 2002. Co-presenter, Wanda Martin

Teachings

- "Effective Library Assignments," for Center for the Advancement of Scholarship in Teaching and Learning (CASTL), March 22, 2002. With Kathleen Keating

Ezekiel, Aaron

Conferences

- Hardening Linux, Albuquerque, NM, September 12-14, 2001

Ferris, Kathlene

Conferences

- Metadata Working Group meetings, Western States Digital Standards Group, Denver, CO, March 28-29, 2002
- Metadata Working Group meetings, Western States Digital Standards Group, Topeka, KS, July 24-25, 2002

Committees

- New Mexico Digitization Collaborative, Steering Committee, Member
- Society of Southwest Archivists, Vice President/President Elect

Presentations

- "Online Archive of New Mexico: Where old is new again," New Mexico Library Association 18th Mini-Conference, Farmington, NM, October 26, 2001. Co-presenter, Nancy Dennis
- The Online Archive of New Mexico for the Art Libraries Society/Texas-Mexico chapter, Albuquerque, NM, November 2, 2001. Co-Presenter, Nancy Dennis
- "After the Grant: The Online Archive of New Mexico," Society of Southwest Archivists, Flagstaff, AZ, May 17, 2002

Grothey, Mina Jane.

Conferences

- 47th Seminar on the Acquisition of Latin American Library Materials (SALALM), Ithaca, NY, May 31–June 4, 2002

Hanson, Mary Ellen

Presentations

- Interviewed by Danya Reich, January 13, 2001, on the history of cheerleading and quoted in her article "Phenomenon: Yell Fever," New York Times Magazine (February 11, 2001), pp. 30-32
- Invited 15-minute interview on the history of cheerleading for "Talking History," weekly program produced at Creighton University, syndicated nationally on public radio, November 12, 2001

Herzel, David.

Conferences

- Designing Creative Learning and Work Environments Workshop, presented by the Rio Grande Chapter of Special Libraries Association, Santa Fe, NM, May 30, 2002

Ives, Peter

Conferences

- New Mexico Depository Librarians' Council, Santa Fe, NM, November 2001
- New Mexico Library Association Annual Conference, Las Cruces, NM, April 2002
- American Library Association Annual Conference, Atlanta, GA, June 2002

Keating, Kathleen

Conferences

- "New Mexico State Library Funded Databases," three database workshops: Proquest, Business Source Elite, & Health and Wellness. NMLA Mini-Conference, Farmington, NM, October 2001

Teachings

- "Automation in Libraries," for Educational Media/Library Science 470/570, College of Education, Spring 2002
- "Effective Library Assignments," for Center for the Advancement of Scholarship in Teaching and Learning (CASTL), March 22, 2002. With Mark Emmons

Kinney, Dena

Committees

- Association of College and Research Librarians, Dance Librarians Committee, Member

Conferences

- American Library Association Midwinter Meeting, New Orleans, LA, January 18-20, 2002
- Congress on Research in Dance, 34th International meeting, New York University, New York City, NY, October 26-28, 2001

Lewis, Linda K

Committees

- New Mexico Library Association, Nominations Committee, Member
- North American Serials Interest Group, Awards and Recognition Committee, Member

Conferences

- New Mexico Library Association Annual Conference, Las Cruces, NM, April 2002

Presentations

- "Eclectic Electric: Issues in Collection Development and Electronic Resources," New Mexico Library Association Annual Conference, Las Cruces, NM, April 2002. With Carol Kelley, University of Texas at El Paso.

Luger, Kate

Conferences

- Computers in Education Conference at Tianjin Normal University, Tianjin China, May 17-19, 2002

Lukes, Barbara

Conferences

- Mountain Plains Music Library Association, Annual Conference, Las Cruces, NM, May 24-25, 2002

Performances

- Albuquerque Philharmonic Orchestra, Albuquerque, NM, 2001-02 Season Performances

Magee, Susan

Awards

- Jim Davis Award for Outstanding UNM Staff Councillor, 2002

Committees

- New Mexico Library Association (NMLA), Interim Newsletter Editor, March - June 2002 (2 issues)

- NMLA Secretary

Conferences

- NMLA Annual Conference, Las Cruces, NM, April 2002

Marquez, Teresa

Committees

- American Library Association, Chinese American Librarians Association, Member

Conferences

- China Society of Library Science Annual Conference, Chengdu, China, September 24-28, 2001
- La Frontera: Una Nueva Concepción Cultural V Coloquio Internacional, La Paz, B.C.S., Mexico, February 18-19, 2002

McLean, Clark

Conferences

- Designing Creative Learning and Work Environments Workshop, presented by the Rio Grande Chapter of Special Libraries Association, Santa Fe, NM, May 30, 2002

Performances

- Choir of the West Reunion Concert, Tacoma, WA, October 2001

Mountain, Carolyn

Committees

- Latin American Institute (LAI), Policy Committee
- LAI Library Committee, Member
- Seminar on the Acquisition of Latin American Library Materials (SALALM), Bibliographic Instruction Committtee, Member
- SALALM, Reference Committee, Member

Conferences

- FORO (Transborder Library Forum) 2001, Hermosillo, Mexico, March 2001
- 47th Seminar on the Acquisition of Latin American Library Materials (SALALM), Ithaca, NY, May 31–June 4, 2002

Moynahan, Sharon

Committees

- Seminar on the Acquisition of Latin American Library Materials (SALALM), Subcommittee on Cataloging and Bibliographic Technology, Member
- SALALM, Finance Committee, Member
- SALALM, Constitution and Bylaws Committee, Member

Conferences

- New Mexico Library Association, Las Cruces, NM, April 2002
- 47th Seminar on the Acquisition of Latin American Library Materials (SALALM), Ithaca, NY, May 31–June 4, 2002

Presentations

- "A Poster is Worth 10,000 Words," Cuban Political Posters at the University of New Mexico, SALALM XLVII, Ithaca, NY, June 2002. Co-author, Claire-Lise Bénaud; Co-presenter, Christine Mueller
- "Judging a Book by its Cover," Cover Art of Editora Política, SALALM XLVII, Ithaca, NY, June 2002. Co-presenter, Wendy Louise Pederson

Mueller, Chris

Committees

- Seminar on the Acquisition of Latin American Library Materials (SALALM), Cataloging and Bibliographic Technology Committee, Member

- Program for Cooperative Cataloging (PCC), Bibliographic Record Cooperative Program (BIBCO), Operations Committee, Member

Conferences

- American Library Association, Midwinter Meeting, New Orleans, LA, January 2002
- PCC/BIBCO/CONSER Annual Meeting, Library of Congress, Washington, DC, May 2002
- 47th Seminar on the Acquisition of Latin American Library Materials (SALALM), Ithaca, NY, May 31–June 4, 2002

Presentations

- "A Poster is Worth 10,000 Words," Cuban Political Posters at the University of New Mexico, SALALM XLVII, Ithaca, NY, June 2002. Co-presenter, Sharon Moynahan

Neville, Bruce

Conferences

- 30th Annual Convention of the Conchologists of America, Port Canaveral, Florida, July 7-12, 2001

Presentations

- "A Naturalist in Oz: birds and wildlife of Australia," Slide presentation and lecture for Central Audubon Society, Albuquerque, NM, September 20, 2001
- 40th Annual Meeting of the New Mexico Ornithological Society, New Mexico Museum of Natural History and Science, Albuquerque, NM, March 8, 2002

Northup, Diana

Presentations

- "Geomicrobiology of caves," Dissertation Defense and Department Seminar, Department of Biology, University of New Mexico, November 2001
- "Geomicrobiology of Caves," a presentation to scientists at Universum at UNAM, Mexico City, December, 2001. Co-Presenters: Boston, P.J., Spilde, M.N.
- "Microbes and Speleothems," Oral Presentation at the Winter Technical Regional, Southwestern Region, National Speleological Society, Albuquerque, NM, December 8, 2001
- "Demonstration and lecture of molecular microbial ecology of caves," Presentation to the Natural History class from the Gallup Campus of UNM, April 2002
- "Evidence for geomicrobiological interactions in Lechuguilla and Spider Cave," Poster Presentation at the American Society for Microbiology, 102nd General Meeting, Salt Lake City, Utah, May 19-23, 2002. Co-authors: Barns, S.M., and Bean, L.E.
- "Microbial diversity and microbe-mineral interactions in caves," Seminar for the Biosciences Division, Los Alamos National Laboratory, June 18, 2002

Teaching

- Geology of Carlsbad Caverns National Park, E&PS 110, Geology of the National Parks, November 2001
- Geomicrobiology of caves. Geomicrobiology, Biology 458, University of New Mexico, December 2001
- Microbial Biodiversity of caves. Microbial Evolution and Diversity, Biology 402/502, University of New Mexico, December 2001

Nudell, Eric

Conferences

- Innovative Users Group Meeting, April 27-30, 2002

Osterloh, Cassandra

Conferences

- Maryland Library Association Annual Conference, Solomons Island, MD, May 2001
- Maryland Library Association, Academic and Research Libraries Division, Conference on Web Design, Crofton, MD, September 2001

- Computers in Libraries, Washington, DC, March 2002

Padilla, Edward

Committees

- Belen Public Library Board of Trustees, Member
- New Mexico Library Association, Member

Pedersen, Wendy

Conferences

- 47th Seminar on the Acquisition of Latin American Library Materials (SALALM), Ithaca, NY, May 31–June 4, 2002

Exhibits

- "Carlos Mérida: Una Plástica Americana, Indigenous Themes & Images from Rare Portfolios in the Latin American Collection," Herzstein Latin American Reading Room Gallery, Zimmerman Library, Fall 2001. With Russ Davidson

Presentations

- "Judging a Book by its Cover," Cover Art of Editora Política, SALALM XLVII, Ithaca, NY, June 2002. Co-presenter, Sharon Moynahan

Pistorius, Nancy

Committees

- Art Libraries Society of North America (ARLIS/NA), Collection Development Committee, Chair

Conferences

- Art Libraries Society/Mountain West Annual Conference, University of Nevada, Las Vegas, NV, November 7-10, 2001
- Association of College Unions International Annual Conference, Convention Center, Albuquerque, NM, March 15-19, 2002
- Art Libraries Society of North America Annual Conference, Hyatt Regency at Union Station, St. Louis, MO, March 21-27, 2002

Reinig, Twyla

Conferences

- Western Archives Institute, Redlands University, CA, July 30 – August 10, 2001

Rixse, Dave

Conference

- New Mexico Library Association Conference, Las Cruces, NM, April 18-19, 2002

Rosen, Barbara

Committees

- New Mexico Library Association (NMLA), Board as Member at Large

Conferences

- NMLA, as Member at Large, Co-chaired, organized and developed program for Mini-Conference, San Juan Community College, Farmington, NM, October 26, 2001
- Library Downlink Conference, Virtual Reference Video Conference, Albuquerque, NM, February 8 and April 19, 2002. Co-hosted: with John Benedetto and Rebecca Bauerschmidt
- Offcampus Library Services Conference, Cincinnati, OH, April 17 - 19, 2002
- OCLC Reference Advisory Committee meeting, Dublin, OH, April 25 - 26, 2002
- Online 2001, New York City, NY, May 15-17, 2002

Silbergleit, Beth

Conferences

- Society of Southwest Archivists Annual Meeting, Flagstaff, AZ, May 16 – 18, 2002

Steinhagen, Elizabeth N.

Committees

- Seminar on the Acquisition of Latin American Library Materials (SALALM), Subcommittee on Cataloging and Bibliographic Technology, Member

Conferences

- Taller LCSH, Washington, DC, May 2002
- XXXIII Jornadas Mexicanas de Biblioteconomia, Monterrey, Mexico, June 2002

Presentations

- "Taller sobre Encabezamientos de Materia LCSH," a workshop for librarians from Latin America, Library of Congress, Washington, DC, May 20-24, 2002
- Presented paper "Proyecto de colaboracion virtual," NASIG at XXXIII Jornadas Mexicanas de Biblioteconomia: La Democratizacion del acceso a la informacion, Monterrey (Nuevo Leon, Mexico), June 5-7, 2002

Stephenson, Nina

Conferences

- Art Libraries Society of North America Texas-Mexico Chapter Annual Meeting, Albuquerque, NM, November 2, 2001
- Art Libraries Society of North America (ARLIS/NA), Conference, St. Louis, MO, March 21-25, 2002

Presentations

- "Archival Treasures: The Online Archive of New Mexico and Latin American Pictorial Collections," Moderated/organized conference presentation for Art Libraries Society of North America, Texas-Mexico Chapter, Annual Meeting, Albuquerque, November 2, 2001

Tsosie. Mary Alice

Committees

- New Mexico Library Association, Native American Library Special Interest Group (NALSIG), Chair
- Friends of New Mexico Tribal Libraries, Vice President and Executive Board Member
- Navajo Studies Conference, Inc., Board Member
- All My Relations, First Nations Center, Member

Conferences

- New Mexico Library Association, Mini-Conference, San Juan College, Farmington, NM, October 26, 2001
- Navajo Code Talkers, Los Alamos, NM, August 7, 2001
- Institute of American Indians, New Mexico Higher Education Committee, Tribal Higher Education Summit, August 22, 2001
- "Healing Indigenous Survivors of Historical Trauma: Maria Yellow Horse Brave Heart," Family Practice, University of New Mexico Hospital, Albuquerque, NM, October 2001
- Navajo Studies Conference, Flagstaff, AZ, October 16-20, 2001
- "Albuquerque Indian School," presentation by Dr. Ted Jojola, History Commons, UNM, February 2002

Consulting

- Laguna Elementary School Library

Presentations

- "American Indian Resources in Center for Southwest Research," Consortium of Tribal Museums/Cultural Centers, Pueblo Cultural Center, Albuquerque, NM, August 4, 2001

- "Native Americans and Professional Organizations," IMLS Tribal Archives, Libraries and Museums: Preserving Our Language, Memory and Lifeways, National Conference, Tucson, AZ, May 7-10, 2002

van Reenen, Johann

Conferences

- Seminario/Taller Latinoamericano de bibliotecas digitales, 3.5 hour workshop, Merida, Venezuela, October 5, 2001
- Fundacion Global Democracia y Desarrollo, 4 hour workshop, Santo Domingo, Dominican Republic, April 5, 2002
- Fundacion Global Democracia y Desarrollo, Santo Domingo, Dominican Republic, April 5, 2002
- 21st Century Libraries: Building for the Future, Utah Library Association Annual Conference, Sandy, UT, May 3, 2002
- Primer Taller Mesoamericano y del Caribe de Biblioteca, Digital y Educacion a Distancia, Instituto Nacional de Astrofisica, Optica y Electronica, Tonantzintla, Puebla, Mexico, May 17, 2002
- IATUL 2000 Conference (International Association of Technological University Libraries), Kansas City, MO, June 4, 2002
- II Encuentro Sociedad y Technologias de la Informacion (Society and Information Technology Meeting), 4 hour workshop, Santiago, Chile, December 14, 2002
- II Encuentro Sociedad y Technologias de la Informacion, 4 hour workshop, Santiago, Chile, December 14, 2002
- Technology Education Consortium, University of Puerto Rico, Mayaguez, Puerto Rico, December 15, 2002

Presentations

- "The Open Archives Initiative and implications for digital libraries," Seminario/Taller Latinoamericano de bibliotecas digitales, Merida, Venezuela, October 5, 2001. With Rick Luce.
- "Teleinformation and consortia: the Library Linkages case study," Presentation via Satellite Conferencing: Seminario Internacional de Teleinformatica. Universidad de Guadalajara, Mexico, November 8, 2001. With Jorge Garcia.
- "Decision making and leadership for the development of digital libraries," Jornadas ISTEC, Montevideo 2001: Gestion de la Informacion en el siglo XXI, Montevideo, Uruguay, November 13, 2001
- "Maximizing science and technology information access through consortia: experience gained from the Alliance for Innovation in Science & Technology Information and ISTEC Library Linkages," EDUC.AR, Consortio de Bibliotecas, Buenos Aires, Argentina, November, 15, 2001
- "The importance and impact of Open Archive initiatives for digital libraries," EDUC.AR, Consortio de Bibliotecas, Buenos Aires, Argentina, November 16, 2001
- "Changes in scholarly publishing," XI General Assembly of the Ibero-American Science & Technology Education Consortium, University of Puerto Rico, Mayaguez, Puerto Rico, December 6, 2001
- "Managing and leading change in the electronic workplace," II Encuentro Sociedad y Technologias de la Informacion (Society and Information Technology Encounters), Santiago, Chile, December 31, 2001
- "Managing complexity, ambiguity and chaos," Public lecture for the Government Officials invited by the Fundacion Global Democracia y Desarrollo, Santo Domingo, Dominican Republic, April 4, 2002

Wilkinson, Frances C.

Committees

- New Mexico Preservation Alliance, Member
- North American Serials Interest Group (NASIG), Conference Planning Committee, Consultant
- NASIG, Nominations and Elections Committee, Member

Conferences

- Albuquerque, Santa Fe, Los Alamos EEO Diversity Training and Awareness Seminar, Albuquerque, NM, August 2001
- U.S. Equal Employment Opportunity Commission Technical Assistance Program Seminar, Albuquerque, NM, May 2002
- NASIG, Annual Conference, Williamsburg, VA, June 2002

Consulting

- Mediator, University of New Mexico Faculty Dispute Resolution, Albuquerque, NM, 2001-02

Presentations

- "NASIG Networking Node: Preservation Issues," North American Serials Interest Group Annual Conference, Williamsburg, VA, June 2002

Appendix IV:
Faculty and Staff Publications 2001-2002

Awe, Susan C.
"Studies in Chance: A Selective Guide to Gaming Industry Resources," *Reference Services Review*, Vol. 30, No. 2, pp. 169-75, 2002. Co-authors: Kathleen Keating and David Schwartz.

"From Exuberance to Enron (Best Business Books 2001)," *Library Journal,* Vol. 172, No. 5, pp. 40-43, March 15, 2002.

"Core Collection: E-Commerce," *Booklist*, Reference Books Bulletin (RBB), Vol. 98, No. 5, pp. 496-97, November 1, 2001.

Review of "The Browsable Classroom: An Introduction to E-Learning for Librarians," Noah, Carolyn B. and Braun, Linda W., *Booklist*, Professional Reading, Vol. 98, No. 19/20, p. 1780, June 1 - 15, 2002.

Review of "Theological Librarians and the Internet: Implications for Practice," Stover, Mark, ed., *Booklist*, Professional Reading, Vol. 98, No. 13, p. 1177, March 1, 2002.

Review of "Internet Resources and Services for International Finance and Investment," Liao, Qun G. and Lewis-Guodo Liu, *Booklist, RBB,* Vol. 98, No. 1, p. 154, September 1, 2001.

Review of "Working Americans, 1880-1999: Volume I: The Working Class/Working Americans, 1880-1999: Volume II: The Middle Class," Scott Derks, *Booklist, RBB*, Vol. 97, No. 22, p. 2174, August 2001.

Website review of "*Bizoffice*: http://www.bizoffice.com," *Choice,* Vol. 39, No. 8, April 2002.

Website review of "*inc.com*: http://www.inc.com/home," *Choice,* Vol. 39, No. 4, December 2001.

Baldwin, David A.
The Library Compensation Handbook: A Guide for Administrators, Librarians, and Staff, Libraries Unlimited, projected publication: December 2002.

Barkley, Dan
Tapping State Government Information Sources, Oryx Press, projected release: December 2002. Co-authors: Lori L. Smith, Daniel D. Cornwall, Eric Johnson, J. Louise Malcolmb.

"*Directory of Government Document Collections and Librarians*," 8th edition, LexisNexis Academic Solutions. Co-editor: Susan Tulis.

"Collection Development in a Regional Depository Library: Changes and Continued Challenges," *Documents to the People, A Quarterly Journal of Government Information Practice and Perspective*, Vol. 30, No. 2, pp. 12-13, Summer 2002.

Barnhart, Jan Dodson
Contributor, "A Vanishing Legacy: The Historical American Buildings Survey in New Mexico." Santa Fe, New Mexico, Museum of New Mexico Press, 2001.

Bauerschmidt, Rebecca
"To E- or not to E-: Print vs. Electronic Ready Reference Tools," *Against the Grain*, Vol. 13, No. 4, pp. 1, 18-30, 2001. Co-authors: Carroll Botts, Linda Lewis, Barbara Rosen, Ruth Richardson Scales, and Frances Wilkinson.

Bénaud, Claire-Lise
"Considerations for Outsourcing Cataloging," *Documenting Movements, Identity, and Popular Culture in Latin American, Seminar on the Acquisition of Latin American Library Materials, XLIV,* ed. by Richard F. Phillips, pp. 3-12. Austin, TX: SALALM Secretariat, 2001, c2000.

"46th Seminar on the Acquisition of Latin American Materials (SALALM): Latin American Identities: Race, Ethnicity, Gender and Sexuality," *Against the Grain,* Vol. 13, No. 6, pp. 74-75, December 2001-Janurary 2002. Co-author: Sharon A. Moynahan.

Bordeianu, Sever
Editor, (Meetings Column), *Against the Grain.*

Botts, Carroll
"Library staff ready to help," *New Mexico Daily Lobo*, Vol. 107, No. 5, p. 4, June 2002.

"To E- or not to E-: Print vs. Electronic Ready Reference Tools," *Against the Grain*, Vol. 13, No. 4, pp. 1, 18-30, 2001. Co-authors: Rebecca Bauerschmidt, Linda Lewis, Barbara Rosen, Ruth Richardson Scales, and Frances Wilkinson.

Brown Martinez, Nancy
"Mexico's Gallant First Lady," *Deming Headlight*, p. 4, May 2, 2002.

"Seeing Cinco de Mayo Through a Woman's Eye," *Valencia News Bulletin*, p. 5A, May 4, 2002.

Cole, Russell
Review of "Deadhead Social Science: You Ain't Gonna Learn What You Don't Wanna Know," Rebecca G. Adams and Robert Sardiello, eds., *Journal of Anthropological Research*, Vol. 58, pp. 303-305, Summer 2002.

Davidson, Russ
"National Library of Portugal [Lisbon, Portugal]," *International Dictionary of Library Histories*, ed. David Stam, Chicago: Fitzroy Dearborn Publishers, Vol. 2, No. II, pp. 549-552, 2001.

"Library of the Royal Palace [Madrid, Spain]," *International Dictionary of Library Histories*, ed. David Stam, Chicago: Fitzroy Dearborn Publishers, Vol. 2, No. I, pp. 413-415, 2001.

"Las colecciones iberoamericanas en la Universidad de Nuevo México," *Fénix: Revista de la Biblioteca Nacional del Perú*, No. 42, pp. 106-115, 2000.

"La Colección oaxaqueña de Paul Van de Velde en la Biblioteca de la Universidad de Nuevo México," *Acervos: Boletín de los Archivos y Bibliotecas de Oaxaca* 5, No. 20, pp. 30-35, 2000.
"Digital Information for Latin American Social Medicine: A Case Study." [co-authored with H. Shipp Buchanan, et al.], *Digital Libraries and Virtual Workplaces: Important Initiatives for Latin America in the Information Age.* (Colección INTERAMER, No. 71) Ed. J. van Reenen. Washington, DC, OAS, pp. 179-186, 2002.

De la Cruz-Watral, Clara
UNM General Library Annual Report, November 2002.

Development Web Site, <http//www.unm.edu/~libfunds/htm>, 2001-02.

de Sa Rego, Stella
Mexican Suite: A History of Photography in Mexico, University of Texas Press, Austin, TX, 2001. Translated and revised by de Sa Rego.

Dennis, Nancy K.
The Technology supporting digital library developments, chapter in "Digital libraries and virtual workplaces: important initiatives for Latin America in the information age." Johann van Reenen, Editor. INTERAMER Collection, No. 71, Washington, DC: The Organization of American States, 2002.

Grant proposal to the Institute of Museum and Library Services (IMLS), "*New Mexico Digital Collaborative,*" (A partnership of cultural and educational institutions to create and maintain an Internet-based gateway to archives of digitized words, images and sounds and to assist public and nonprofit organizations in developing their digital resources). April 2002. Co-authored technical center specifications with Aaron Ezekiel and Devon Skeele.

Diaz, Rose T.
"*New Mexico Jewish Pioneer History: Introduction to Oral History Workbook,*" Vol. 1, February 24, 2002. With Andrew B. Russell.

"*New Mexico Jewish Pioneer History: Primary and Secondary Resources,*" University of New Mexico General Library (UNMGL), Albuquerque, NM, Vol. 2, February 2002. (In-house publication) With Andrew B. Russell.

Telling Our Stories, Writing Our Lives: Using Oral History to Find Our Common Past, UNMGL, Albuquerque, NM, Vol. 1, March 8, 2002. (In-house publication).

Telling Our Stories, Writing Our Lives: Women's History Resources, UNMGL, Albuquerque, NM, Vol. 2, March 2002. (In-house publication).

Emmons, Mark
"The Costume Gallery," in Internet Reviews, edited by Joni Roberts & Carol Drost, *College & Research Libraries News*, Vol. 63, No. 5, pp. 372-373, May 2002.

Ezekiel, Aaron
Grant proposal submitted to the Institute of Museum and Library Services (IMLS). "*New Mexico Digital Collaborative,*" (A partnership of cultural and educational institutions to create and maintain an Internet-based gateway to archives of digitized words, images and sounds and to assist public and nonprofit organizations in developing their digital resources), April 2002. Co-authored technical center specifications with Nancy Dennis and Devon Skeele.

Ferris, Kathlene
"The Online Archive of New Mexico: Lessons from a Consortial Project," *Southwestern Archivist,* pp.8-9, August 2001.

Hanson, Mary Ellen
"Cheerleaders," in *Girlhood in America: An Encyclopedia*. Santa Barbara, ABC-CLIO, pp. 103-107, 2001.

Keating, Kathleen
"Studies in Chance: A Selective Guide to Gaming Industry Resources," *Reference Services Review*, Vol. 30, No. 2, pp. 169-75, 2002. Co-authors: Susan Awe and David Schwartz.

Kinney, Dena
"Yup'ik Dance Traditions: Innovation and Survival," *34th International Congress on Research in Dance,* (CORD 2001), New York University, New York, pp. 273-280, (written as Dena Rae Thomas).

"LES/ARTS Beat as One, ACRL in San Francisco," *College and Research Libraries News*, Vol. 62, No. 8, pp. 795-6, 2001. Co-author Martha Lawler.

Linda Lewis
"And They Were There--University of Oklahoma Libraries Conference," *Against the Grain*, Vol. 14, No. 3, pp. 67-70, June 2002.

"And They Were There--NASIG 2001, a Serials Odyssey: the 16th Annual Conference of the North American Serials Interest Group," *Against the Grain*, Vol. 14, No. 2, pp. 66-70, April 2002. Co-author: Frances C. Wilkinson.

"To E- or not to E-: Print vs. Electronic Ready Reference Tools," *Against the Grain*, Vol. 13, No. 4, pp. 1, 18-30, 2001. Co-authors: Rebecca Bauerschmidt, Carroll Botts, Barbara Rosen, Ruth Richardson Scales, and Frances Wilkinson.

"NASIG Networking Node: Preservation Issues," *NASIG Newsletter,* Vol. 16, No. 3, pp. 40-41, September 2001. URL: http://nasig.org/newsletters/. Co-authors: Marilyn Fletcher and Frances C. Wilkinson.

Moynahan, Sharon
"46th Seminar on the Acquisition of Latin American Materials (SALALM): Latin American Identities: Race, Ethnicity, Gender and Sexuality," *Against the Grain,* Vol. 13, No. 6, pp. 74-75, December 2001-January 2002.

Neville, Bruce D.
New Mexico bird finding guide, 3rd ed, Albuquerque: New Mexico Ornithological Society, June 2002. With Parmeter, John, Bruce Neville, and Douglas Emkalns.

Range extension for *Epitonium (Sodaliscala) apiculatum* (Dall, 1889) (Gastropoda: Epitoniidae) to continental South America. *La Conchiglia,* Vol. 33, No. 300, pp.11-13, September 2001. With Sybil Burger.

"In-tents" scrutiny, *American Conchologist,* Vol. 30, No. 1, pp. 28-30, March 2002.

Review of "Handbook of Raman spectroscopy: from the research laboratory to the process line," edited by Ian R. Lewis, Howell G.M., *E-streams,* Vol. 5, No. 6, pp. 11-12, June 2002. *E-streams* is an electronic-only journal of scientific and engineering reference works at http://www.e-streams.com.

Review of "Field guide to the birds of China," by John MacKinnon and Karen Phillipps, *E-streams,* Vol. 4, No. 11, pp. 61-62, November 2001.

Review of "Birds of the northwestern National Parks: a birder's perspective," by Roland H. Wauer, *E-streams,* Vol. 4, No. 11, pp. 58-59, November 2001.

Review of "The *Liguus* tree snails of south Florida," by Henry T. Close, *E-streams,* Vol. 4, No. 7, pp. 57-58, July 2001.

Review of "Endangered wildlife and plants of the world," ed. by Anne Hildyard, *Reference & User Services Quarterly,* Vol. 40, No. 4, pp. 385-386, Summer 2001.

Northup, Diana
Geomicrobiology of Caves, Ph.D. Dissertation, University of New Mexico, Department of Biology, 2002.

"Geomicrobiology of caves: A review," *Geomicrobiology Journal*, Vol. 18 No. 3, pp. 199-222, 2001. With Lavoie, K.H.

"Evidence for microbial involvement in pool finger precipitation, Hidden Cave, New Mexico," *Geomicrobiology Journal,* Vol. 18, No. 3, pp. 311-329, 2001. With Melim, L.A., Shinglman, K.M., Boston, P.J., Spilde, M.N., Queen, J.M.

"Cave biosignature suites: Microbes, minerals and Mars," *Astrobiology Journal,* Vol. 1, No. 1, pp. 25-55, 2001. With Boston, P.J., Spilde, M.N., Melim, L.A., Soroka, D.S., Kleina, L.G., Lavoie, K.H., Hose, L.D., Mallory, L.M., Dahm, C.N., Crossey, L.J., and Schelble, R.T.

"Evidence for geomicrobiological interactions in Lechuguilla and Spider Cave," *Abstracts. American Society for Microbiology, 102nd General Meeting,* Salt Lake City, Utah, p. 344, May 19-23, 2002. With Barns, S.M., and Bean, L.E.

"Cave microbe-mineral suites; best model for extraterrestrial biosignatures," *Thirty-second lunar and planetary science conference,* Lunar and Planetary Science Conference, p. 32, Houston, TX, March 12-16, 2001. With Boston, P.J., Spilde, M.N., Melim, L.A.

"Unique evaporites in caves; comparison to surface-derived deposits," *Abstracts with Programs - Geological Society of America* Vol. 33, No. 6, p. 451, 2001. With Boston, P.J., Spilde, M.N., Melim, L.A.

"Origin of porous layers in pool fingers, Hidden Cave, New Mexico; recrystallized moonmilk?" *Abstracts with Programs - Geological Society of America,* Vol. 33, No. 6, pp. 254-255, 2001. With Melim, L.A., Spilde, M.N., Boston, P.J., and Queen, J.M.

Pederson, Wendy
"Artifact, Preservation, and Access: UNM's Editorial Botas Book Covers Collection," *Collection Management*, Vol. 26, No. 2, p. 31, 2001.

Osterloh, Cassandra
"Citing Your Sources," (http://www.usna.edu/Library/CitingYourSources.htm), July 2001.

Rosen, Barbara
"To E- or not to E-: Print vs. Electronic Ready Reference Tools," *Against the Grain*, Vol. 13, No. 4, pp. 1, 18-30, 2001. Co-authors: Rebecca Bauerschmidt, Carroll Botts, Linda Lewis, and Ruth Richardson Scales, and Frances Wilkinson.

Seiser, Virginia
"Crossing the Divide, ACRL X National Conference," *Against the Grain*, Vol. 13, No. 5, pp. 81-82, November 2001.

Shane, Jackie
"So You Want to Patent an Invention," *The Cyberskeptic's Guide*, February, Vol. 7, No. 2, pp. 4-5, 2002.

Review of "Handbook of Plant Growth: pH as the Master Variable," http://www.e-streams.com/, *E-STREAMS*, Vol. 5, No. 9, September 2002.

Review of "Bulbs of North America," http://www.e-streams.com/, *E-STREAMS*, Vol. 5, No. 5, May 2002.

Review of "*Oilseed Crops*," 2nd edition by E. A. Weiss. Malden, MA, Blackwell Science, 2000, http://www.e-streams.com/, *E-STREAMS*, Vol. 4, No. 8, August 2001.

Review of "*Crop Responses and Adaptations to Temperature Stress*," edited by Amarjit S. Basra. New York, NY, Food Products Press/Haworth Press, 2001, http://www.e-streams.com/, *E-STREAMS*, Vol. 4, No. 8, August 2001.

Review of "*The Nature of Nebraska*, http://www.e-streams.com/," *E-STREAMS*, Vol. 4, No. 12, January 2002.

Review of "*The Color Encyclopedia of Ornamental Grasses on CD-ROM,*" *Choice*, Vol. 12, No. 4, April 2001.

Review of "*Encyclopedia of Plant Pathology*," *Choice*, Vol. 39, No. 1, September 2001.

Review of "*Elsevier's Dictionary of Plant Names and Their Origin*," *Choice*, Vol. 38, No. 12, August 2001.

Steinhagen, Elizabeth N.
Taller Basico de Capacitacion para la Catalogacion de Publicaciones Seriadas (SCCTP), Recopilacion y traducciones por Lisa Furubotten; traducciones y revision por Elizabeth Steinhagen. Sponsored by CONSER, Fall 2001.
http://library.tamu.edu/cataloging/SCCTP.scctpindex.htm

"Report from XI. Transborder Library forum, 2001," *Against the Grain*, Hermosillo (Sonora, Mexico), Vol. 13, No. 4, pp. 71-72, September 2001.

Stephenson, Nina
Review of "Eyewitnessing: the Uses of Images as Historical Evidence," by Peter Burke (Ithaca, NY: Cornell University Press, 2001), *Art Documentation*, Vol. 21, No. 1, p. 49, Spring 2002. Also available www.arlisna.org/ad21-1.htm.

"Cultural Sites: Learning About China on the Web," *New Mexico Families with Children from China,* Vol. 6, No. 4, p. 3, December 2001. Co-Author: Cindy Wysocki.

van Reenen, Johann

"Library budgets and academic library ratings in times of transition," *The Bottom Line: Managing Library Finances*, Vol. 14, No. 4, pp. 213-218, 2001.

"Working in a digital world; new leadership practices for the development of a digital library workforce," *Ciência da Informação*, Vol. 30, No. 3, http://www.ibict.br/cionline/300301/3031101.htm [Invited article in peer reviewed Special Issue on Virtual Libraries], 2001.

"Integrated digital libraries: not just collections of electronic content," Invited editorial and online forum for June 2002. Educational Portal of the Americas. Washington, DC: Organization of American States [Online at: http://www.educoea.org/ENG/, 2002.

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APPENDIX V:
GRANTS RECEIVED 2001-02

YEAR	AGENCY	TITLE	DESCRIPTION	AMOUNT	AUTHOR
2001	UNM	UNM Internet Pilot Program/Extended University	WebCT Development/ Teaching for Library 493.	$2,400	Harry Llull
2001	FIPSE	Fund for the Improvement of Postsecondary Education (FIPSE).	To design a bilingual virtual student support services model. Collaboration with University of Cadiz, Spain.	$8,600	Nancy Dennis and Dr. Richard Howell, UNM Extended University
2001	Albuquerque Community Foundation	Latin American Political Poster Collection: Physical Preservation	To support activities connected with forthcoming exhibition at the National Hispanic Cultural Center of Latin American political posters from the Sam Slick Collection.	$3,400	Russ Davidson
2001	UNM Chicano Studies Program	Funding for Student Work study position	Support of a work study position in the UNM Center for Southwest Research, 2002.	$360	T. Marquez
2001	UNM Chicano Studies Program	Funding for Student Work study position	Support of a work study position in the UNM Center for Southwest Research, 2001.	$180	T. Marquez
2001/02	UNM Chicano Studies Program	Open Doors Regional Scholars & Writers Series	In support of the "Open Doors: Regional Scholars and Writers Series," 2001, 2002.	$200	T. Marquez
2001/02	UNM Southwest Hispanic Research Institute	Open Doors Regional Scholars & Writers Series	In support of the "Open Doors: Regional Scholars and Writers Series," 2001, 2002.	$200	T. Marquez
2002	UNM Office of the Vice-President for Student Affairs	Reception for Rudolfo Anaya	To support of a ceremony/ reception in honor of Rudolfo Anaya, recipient of the National Medal of Art, 2002.	$200	Teresa Marquez
2002	UNM University College	Reception for Rudolfo A naya	To support of a ceremony/ reception in honor of Rudolfo Anaya, recipient of the National Medal of Art, 2002.	$200	Teresa Marquez
2002	UNM Honors Program	Reception for Rudolfo Anaya	To support of a ceremony/ reception in honor of Rudolfo Anaya, recipient of the National Medal of Art, 2002.	$200	Teresa Marquez
2002	UNM Office of the President	Reception for Rudolfo Anaya	To support of a ceremony/ reception in honor of Rudolfo Anaya, recipient of the National Medal of Art, 2002.	$1,000	Teresa Marquez
2002	UNM	Planning Conference	To support Oct 2002 planning conference at the National Hispanic Cultural Center on behalf of forthcoming exhibition of Latin American Posters.	$3,900	Russ Davidson
2002	Institute for Natural Resources Analysis and Management	Virtual Center for the Environment	A proposal under the Institute for Natural Resources Analysis and Management (INRAM), a sub-proposal within the New Mexico 2000 NSF EPSCoR Infrastructure Grant.	Total funding for INRAM was granted at approximately $1 million per year for 3 years.	James R. Gosz, Principal Investigator with Bruce Neville
2002	National Science Foundation.	Life in Extreme Environments	Geomicrobiological Interactions of Microbial Communities in Cave Deep Subsurface Environments: A Novel Extreme Environment.	$292,134, three-year grant ends 2002.	Diana Northup with others.

APPENDIX VI:
STATISTICS 2001-02
(GENERAL LIBRARY ONLY)

COLLECTIONS	1998-99	1999-00	2000-01	2001-02
Volumes held at beginning of FY	1,836,634	1,882,136	1,927,005	1,975,932
Volumes added in year--Gross (excludes microforms)	50,573	48,136	48,927	48,201
Volumes withdrawn in year (excludes microforms)	5,071	3,327	2,327	2,481
Volumes held June 30, current year	1,882,136	1,926,945	1,975,932	2,024,133
Total number of current serials received	12,620	12,698	16,330	12,447
Total microform units held August 31	5,707,812	3,732,619	3,742,280	3,789,701

PUBLIC SERVICES	1998-99	1999-00	2000-01	2001-02
Circulation Transactions General Collection	280,308	243,731	221,270	239,664
Circulation Transactions Reserve Materials	112,731	108,374	9,9,867	89,338
Gate Count	1,846,033	1,623,367	1,404,208	1,346,147
Number of Reference Transactions	83,348	76,292	61,215	51,594
Number of Library Instruction Presentations	2,186	1,433	1,964	804
Number of Interlibrary Loan filled requests provided to other libraries	18,726	18,551	17452	17,990
Number of Interlibrary Loan filled requests received from other libraries	19,291	17,895	16,362	15,334

EXPENDITURES	1998-99	1999-00	2000-01	2001-02
Total Library Materials	3,683,021	4,648,931	4,841,269	3,987,604
Binding	46,139	113,937	96,610	117,519
Salaries and Wages	7,067,207	7,163,244	7,281,281	6,816,955
Other Operating Expenditures	2,690,060	2,157,709	3,046,427	1,658,665
Total Library Expenditures	13,486,432	14,083,821	15,265,587	12,580,743

The University of New Mexico UNM GENERAL LIBRARY 2002

Centennial Science and Engineering Library, Zimmerman Library, Fine Arts Library, Parish Memorial Library, and The Center for Southwest Research

Mission Statement

The mission of the UNM General Library is to develop collections that support the educational and research programs of the University of New Mexico and to provide services for the benefit of university and research communities and the residents of the state of New Mexico. The General Library is committed to supporting, participating in, and enhancing the instructional, research, and public services activities of the University of New Mexico by placing priority on service to students, faculty, and staff at UNM; by acquiring, organizing, preserving, communicating, and sharing the record of human knowledge; and by teaching people how to use libraries effectively and access information successfully.

Vision Statement:

The General Library is an essential partner with UNM students, faculty, and staff in building dynamic knowledge environments, providing access to information and fostering scholarly communications. The General Library meets the challenges of advancing the digital library while also building and preserving print collections. Priority is given to the development of new partnerships, innovative models of learning, outreach and the application of emerging technology.

The University of New Mexico
General Library
Albuquerque, NM 87131-1466
(505) 277-4241

This page URL is:
http://www.unm.edu/~libadmin/priorities2002.PDF

Strategic Goals:

- ***Build Partnerships and Foster New Ways of Working***
- ***Build and Provide Access to Traditional & Dynamic Knowledge Environments***
- ***Preserve Collections in All Formats***

Priorities 2002

Each year, during 100 open hours per week, more than 1.4 million people enter the doors of the five libraries comprising the General Library, to access the 1.95 million volume print collection. During the academic year 2000/2001, employees of the General Library collaborated and cooperated to: select, acquire, and catalog 50,000 new volumes; circulate more than 400,000 items; and answer 61,000 reference questions. The growing UNM virtual library is available 24 hours a day, seven days a week, where more than 1.5 million searches are performed annually. These activities contribute to meeting the mission of the UNMGL. The following priorities for 2002 further strengthen collections and services and promote continued innovation.

● Maintain & Enhance Services to the Public

- Build campus support for Information Literacy goals and standards based upon the Library Instruction & Reference In-Service Committee's implementation plan
- Explore Public Services initiatives to enhance strengths within the Native American and the Hispano/Chicano collections and services
- Use LibQUAL+ 2002 Survey results to identify areas of customer satisfaction, strengths and weaknesses, and identify areas for change
- Continue initiatives to respond to evolving electronic reference environment, especially e-reference and e-reserves
- Reorganize public and in-house copy services to align expenses with declining revenues

● Build, Maintain, & Enhance Access to Collections in Multiple Formats

- Continue to develop seamless linking to databases and full-text resources from LIBROS, Full-TextFinder, and General Library web pages
- Evaluate pilot for shelf-ready material processing project
- Continue the implementation of major LIBROS Millennium upgrades where feasible
- Enhance serials holdings statements in LIBROS
- Pursue regional collection development arrangements
- Identify issues and resources to reformat collections for preservation and/or digital access
- Evaluate and implement recommendations from preservation consultant
- Continue retrospective conversion of serials records
- Minimize impact of serials cancellations

● Support Computing Technology Infrastructure

- Consolidate and implement desktop and server technology platform standards
- Seek resources to implement large-scale PC equipment upgrades and to establish a three-year replacement cycle
- Investigate collaborations with CIRT for help-desk support, server location, desktop management techniques, and data storage
- Extend and expand consortial IT services, such as LIBROS, ILLiad, and e-Reserves, to New Mexico libraries
- Evaluate capabilities for tracking usage and other statistics of electronic services
- Begin planning and development of library channels for UNM Web Portal (http://my.unm.edu)
- Improve security and reliability of General library server systems

● Support Organizational Initiatives

- Participate in the process to recruit and hire a new Dean of Library Services
- Foster organizational culture that is adaptive to change
- Continue efforts to improve organizational and institutional communication among Administrative Services, Collections and Technology Services, and Public Services
- Work toward UNM endorsement of the "Principles for Emerging Systems of Scholarly Publishing" and commit to implementing local action
- Refine the Information Commons preliminary plan
- Evaluate recommendations from the General Library space consultant including offsite storage, compact shelving, etc.
- Continue to promote offsite storage needs
- Investigate cooperative arrangements with branch campus libraries, such as IT service support, collection development, interlibrary loan, and information literacy
- Continue to inform the campus community of library budget realities
- Develop new library staffing models, such as library interns
- Expand fund raising initiatives including grants and collections endowment fund
- Seek resources to avoid or reduce future serials cancellations
- Seek participation in UNM's International agenda, especially in the areas of strength, such as DILARES and ISTEC
- Update General Library Strategic Plan to mesh with UNM strategic planning outcomes

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OFFICE OF THE SECRETARY

Office of International Programs and Studies
July 1, 2001 - June 30, 2002
Jennifer Gruenewald, Interim Director

The Office of International Programs and Studies provides leadership for UNM's international mission in the areas of international student and scholar services, study abroad and exchange programs, intensive English language instruction and faculty and student Fulbright opportunities. OIPS is also involved with special international initiatives at UNM including scholarships, recruitment, and special programs. Other activities of OIPS involve linking the international population with the campus and Albuquerque community, providing activities programming, and assisting international students and scholars in their transition to life in New Mexico and providing the same assistance to domestic students embarking on a study abroad experience.

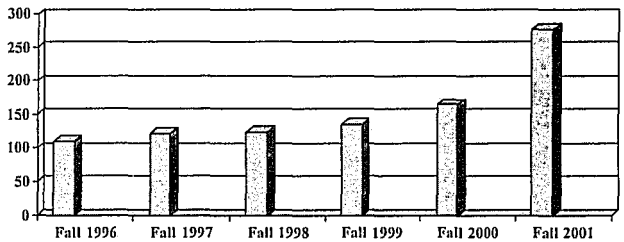
Following are descriptions of the significant developments in the three divisions of OIPS: Study Abroad, International Students and Scholars, Center for English Language and American Culture, as well as special programs, initiative and administrative changes during the year.

International Student and Scholar Services

The International Student and Scholars division of OIPS serves over 800 international students and 200 visiting scholars and faculty. Services provided include: advising on F, J, TN, B and H1B visas and document services to departments and international visitors, orientations and other advising, and a range of other programs to serve this population. Staff changes this year included the hiring of one International Program Advisor, Simona Fojtova, and one term appointment International Advisement Specialist, Linda Melville, contingent on the appointment of the interim director. During the year the International Program Advisor position was upgraded to International Advisement Specialist.

The division of International Students and Scholars increases and expands services each year to meet the needs of the steadily increasing international student/scholar population at UNM.

New Student Enrollment For Fall has increased over the past 6 years.



2001-2002 Number of International Students/Scholars		
CELAC	66	
Undergraduate	171	
Graduate	517	
Non-Degree	93	
Total International Students:		847
Number of Countries Represented:		84
Number of Visiting Scholars:		
Number of Countries Represented:		

The estimated contribution of students and scholars to the New Mexico economy is $7.2 million

OIPS takes great care in helping international students and scholars feel comfortable at UNM. Students are treated respectfully by all staff and when their needs cannot be met through the office they are advised which office on campus will be most likely to provide the assistance they need. Often the international student advisors serve as intermediaries between students and other departments in order to best serve their unique needs as international students adjusting to living in the United States. In addition, new student orientation provides an overview of services and activities available to students.

Since September 11, 2001, the U.S. has changed and part of that change affects international students coming to the U.S. for study. Although a student tracking system has been a federal regulation since 1996, implementation of the law is now being expedited and this will affect new international students at U.S. universities. Students will be burdened by additional fees for visa applications and in some cases, students will be subject to even more rigorous application procedures including extensive background checks. U.S. institutions of higher education will have to work harder to attract and retain international students, at least in the immediate future.

When the USA PATRIOT Act was signed in October 2001, full implementation of a student tracking system, the Student and Exchange Visitor Information System, SEVIS, was mandated by January 2003. International students are "tracked" more than any other visitor to the United States. OIPS is heavily burdened to comply with federal laws. Most of the advising activities throughout the year were focused on and compounded by the preparation for SEVIS and new federal regulations pertaining to the international student and scholar population.

In Summer 2002 a committee began meeting to discuss SEVIS planning and implementation. Representatives from Admissions, CIRT, OGS, OIPS, Registrar, Payroll and Taxation met regularly to choose a software package that would best meet the needs of UNM and to outline the management of impending reporting requirements.

The advisors maintained a full schedule of individual and group advising, held open office hours each day to meet with students and scholars, and conducted new student orientations for fall, spring and summer sessions. Over the years the orientation has become more in depth regarding

student immigration issues and more diverse with components of academic success/life including representatives from undergraduate advising staff and graduate department advisors, the Office of Graduate Studies, CIRT and library tours, and services available to students (e.g. the Student Health Center, Johnson Center). Orientation activities culminate with an Ice Cream Social hosted by the President and a Great Garage Giveaway hosted by Friends of International Students.

In March 2002 OIPS hosted its first comprehensive Tax Workshop for international students and scholars led by Linda Melville. The workshop included information on tax treaties, determining residency for tax purposes and instructions on completing the 1040 Non-Resident Tax Form. Approximately 80 students and scholars attended the workshop.

OIPS received its third year of funding from the Student Fee Review Board ($7000) and the Center for English Language and American Culture, CELAC, contributed $5000 for the year. This funding has allowed OIPS to continue its highly successful International Social Hours, each Thursday afternoon while school is in session. Attendance at the social hours ranged from 40 to 100 students, who gather for refreshments, conversation, and sometimes special entertainment.

Funding provided by the SFRB also enabled OIPS to sponsor the UNM International Festival in November 2001, bringing international students together to share food and handicrafts from their countries and provide entertainment highlighting their cultures. Over 30 country groups participated and over 1000 members of the campus community attended.

OIPS applied for and received a mini incentive grant from NAFSA: Association for International Education to introduce International Students to American Indian Culture. The grant provided funding for the following activities:

September 2001	Tour of Acoma Pueblo
October 2001	Tour of Jemez Pueblo
November 2001	Santa Fe Museum Trip
February 2002	Indian Pueblo Cultural Center
March 2002	Petroglyphs National Monument
April 2002	Gathering of Nations
June 2002	Chaco Canyon Camping Trip

Approximately 15-50 students participated in each event and many of the outings were led by a UNM student who is from Acoma Pueblo. This was a tremendously successful (very time consuming) program and OIPS would hope more activities like these could be offered in the future.

The Friends of International Students continued with student and community involvement thanks to the volunteer work of Nancy Delaney. During the 2001-2002 school year 30 students were placed with 30 Albuquerque families for intercultural friendships. Approximately 60-75 students and 60-75 families are involved with the program and friendships often long outlast the duration of a student's academic studies. Albuquerque families involved with the Friendship Family

Program commit to meeting their international students once per month for a meal or an outing. The volunteer coordinator matches families and students based on geographic interest, hobbies, area of studies and culinary preferences.

The International Couples Organization (ICO) is a new organization that grew from many student requests for couples at UNM who have an interest in meeting others from around the world. Members are typically international students and faculty and their spouses/partners and children. The ICO hopes to provide a support network for the non-UNM spouse/partner as well as the UNM student/faculty member and plan activities and events which will enrich the lives of the members and larger international community at UNM.

Study Abroad

The Study Abroad program continued to provide a wide-range of semester and yearlong exchange programs that provide affordable international study opportunities for UNM students and bring international students here for educational experiences in the United States. During the fall semester 2001 44 UNM students participated in exchange programs and 44 international students came to study at UNM. During the year administrative responsibility for OIPS exchange programs in Mexico and Spain was transferred to the Latin American and Iberian Institute (LAII.) The result was that all programs in Latin America and the Iberian Peninsula are consolidated under the umbrella of LAII, while OIPS remains responsible for programs in all other regions. OIPS and LAII also developed a very close working relationship and maintains active coordination among all of the exchange programs.

During the 2001-02 year OIPS also developed three new exchange programs with: the Institute of Art, Design and Architecture of Prague, in cooperation with the UNM Department of Art and Art History; the Normandie Business School, and the Hong Kong Polytechnical University in cooperation with the Anderson Schools of Business.

OIPS continued to work with UNM departments and faculty to promote UNM summer session courses taught overseas. The study abroad office also acts as a resource center, providing print and on-line information about study abroad opportunities and sources of financial aid for international study.

In January 2002, Ken Carpenter was chosen to fill the vacant position of study abroad advisor. In March the Provost's Office appointed a Study Abroad Task Force consisting of faculty and staff members to review UNM's current programs and produce recommendations for future development. The Study Abroad Task Force, which began meeting in spring 2002, will produce a set of recommendations for further development international study programs at UNM. The goals of the Task Force report will be:

①To expand international study opportunities for UNM students and attract more international students to UNM;
②To diversify the program by providing more opportunities for study in non-traditional

regions such as Asia, Africa and the Middle East, and by encouraging international study among under-represented student groups and majors;
③To promote more short-term international study, research, internship and volunteer opportunities for UNM students;
④To find new sources of financial aid and other resources to help students finance international study.

OIPS and the study abroad program will continue to work with university and departments to promote internationalization of the campus and implement the international emphasis of the 2002 UNM Strategic Plan.

The Study Abroad Program also increased its efforts this year to help UNM students find sources of financial aid for study abroad programs. In September, Ken Carpenter, served on a nationwide panel to select finalists for the Gilman Scholarship competition, a new federal government program to provide scholarships for undergraduate students for international education. The Study Abroad advisor also worked with UNM students applying for other grants including the National Security Education Program(NSEP,) Freeman Asia Scholarships, and DAAD German Government Grants. One UNM student, Elizabeth Peck, received an NSEP grant to study in Russia during the summer of 2002.

Center for English Language and American Culture

The Center for English Language and American Culture assists international students and local immigrants in developing the language and study skills necessary for acceptance into an academic program at a U.S. university or for future career opportunities. During the academic year and in the summer, CELAC offers five levels of instructions: low intermediate, intermediate, high intermediate, advanced, and an academic bridge class. Each level consists of reading comprehension and vocabulary, written composition, grammar, and listening and conversation classes. Classes are conducted by trained English as a Second Language (ESL) instructors with advanced degrees and experience teaching ESL both in the U.S. and abroad. CELAC also provides cultural activities and field trips, individualized tutoring, conversation partners and a computer language lab.

CELAC serves as a teacher training program for 8-10 graduate assistants per semester, a primary research site for studies on language acquisition, thesis and dissertation research, and houses a large collection of ESL materials, textbooks and computer programs. In addition to its teaching and research activities, CELAC serves the university as a major recruitment source for international students.

CELAC experienced a 6% increase in student enrollment during the 2001-2002 school year. Students from Japan, Korea and Taiwan represent the majority of the CELAC population with Latin American and European representation following respectively. CELAC continues to work with a Japanese recruiting agent, Tokyo Center for Language and Culture, who sends Japanese businesspeople and engineers each semester from various Japanese Corporations, such as Ebara

Corporation, Toyoda Corporation, and Kureha Chemical Industry, LTD. Approximately 25-35% of CELACC students are admitted to UNM academic programs at the end of each semester.

Due to higher prices in books, computer needs, and an increase in teacher, CELAC has increased the tuition amount from $2600.00 per Fall or Spring semester to $3000.00, and from $1700.00 to $2000.00 for the Summer term. CELAC's website was improved and updated during the year. The new web address is www.unm.edu/~celac. This web site is also updated each semester with new photos of various activities. CELAC continues to advertise with "Study in the USA", "Nexus", "IIE" and just recently added "International Education Service". These magazines are distributed worldwide and also include web links to our site.

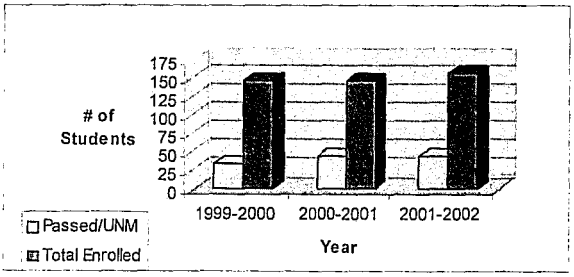
CELAC Enrollment Fall 2001 – Summer 2002

STUDENTS	FALL 2001	SPRING 2002	SUMMER 2002	TOTAL YEAR
Total Enrolled	66	61	30	157
Part-time CELAC/UNM	26	21	6	53
Passed to Academic	19	15	10	44
% Asian	48%	50%	46%	49%
% Latin	39%	36%	33%	36%

Top 5 Countries of Origin 2001 – 2002:

Japan- 34
Mexico- 29
Korea- 24
Taiwan- 10
Columbia/Venezuela- 7 each

CELAC Enrollment Chart: Fall 1999 – Summer 2002



The Academic Director, Larry Smith, and the CELAC teachers have continued to develop and streamline the curriculum and teaching materials. CELAC continues to allow advanced students who have passed part of the Michigan test to take non-degree academic courses at UNM. Many of these students are then recruited into UNM for full-time academic programs at either the graduate or undergraduate level. CELAC also recruits a large number of students yearly into UNM by administering the Michigan test every month for non-native English speakers in the community. Students who pass the Michigan test are then eligible to apply for admission into UNM. The CELAC Director advises and assists these students on the admissions process to either graduate or undergraduate programs.

The CELAC accreditation study is on-going with one major change: CELAC is now preparing to apply for accreditation with both the American Association of Intensive English Programs (AAIEP), and a Consortium of University and College Intensive English Programs (UCIEP), rather than with the Commission on English Language Program Accreditation (CEA). AAIEP and UCIEP are more attuned to the unique needs and challenges of University intensive English programs, while CEA has a greater focus on private business and for- profit English programs. CELAC is complying with all the new Immigration and Naturalization rules and regulations in order to continue being able to submit requests for I-20 documents and advise international students.

During the last year, CELAC purchased 4 new computers to replace the stolen computers in the computer lab, and one new computer for the teachers to use in the teachers room. In order to protect the new computers, we had an alarm system installed in the computer lab. During the next year, Space continues to be a problem for the CELAC classrooms. Currently, 6 classrooms are being used from 9:00 a.m. to 1:00 p.m., and between 1 p.m. and 4:00 p.m. In the afternoon the classrooms are used for private tutoring, grammar & vocabulary workshops, and conversation partner gatherings. One of the classrooms currently being used is the OIPS conference room. In the future, if there is an increase in student enrollment, there may be a need for additional classroom space.

During the last year, CELAC was approved for staffing title changes in order to better reflect the duties of each employee. Larry Smith is now Manager, Curriculum- grade 13;
Tatiana Minot is now Program Manager- grade 13; and one student teacher is now considered the assistant to Larry Smith, to help supervise other teachers and assist with the accreditation process.

Fulbright Program

For the 2001-2002 Fulbright competition, fifteen students submitted applications for Fulbright grants and three students received grants. During 2001-2002 Javier Marion, a doctoral student in History was on a Fulbright in Bolivia.

Faculty members who received Fulbrights during the 2001-2002 academic year include David Margolin from the Linguistics department and Timothy Ross from Enginnering. Dr. Margolin went to Honduras and Dr. Ross went to Canada. Visiting Fulbright Scholars were Charles Royal from

New Zealand visiting the Philosophy department, Jasmin Shah from Pakistan with the Chemistry department, and Olga Sokratova from Estonia visiting the Computer Science department.

Outreach Activities

The Office of International Programs and Studies receives visitors each year from universities overseas, exchange school partners, representatives from Embassies and Consulates, and other government officials serving as education advisors overseas. They are greeted and provided with an array of information about the campus, the community and admission to UNM. When they return to their homes overseas, they are excellent resources and referrals for potential students.

Some of the visitors in this past year included: Mtro. Carlos Jorge Briseño Torres, Secretario General, University of Guadalajara, exchange agreements and CELAC; Dieter Schulz, University of Heidelberg, exchange agreement and Fulbright publicity; Sharon Nichizaki and Elizabeth Veatch, Academy for Educational Development, Boren Graduate Fellowships; Mona Miller, International Studies Abroad, site visit; Shiwen Xu, Foreign and Overseas Chinese Affairs Office, Qinghai, site visit and potential exchange; Raymond Tripp, Cultural Attaché, U.S. Embassy, La Paz, Bolivia, Fulbright publicity; Mike Roberts, University of East Anglia, exchange agreement; Hamish Scott, University of St. Andrews, site visit; and representatives from the Russian Gender Studies/Women Studies delegation in May 2002.

UNM actively participated in the New Mexico Public Universities Globalization Consortium, a statewide group that deals with international education issues and provides a mechanism for any student in a public university in New Mexico to apply for study abroad programs at any of the state universities. In the first year of the exchange agreement, one UNM student was able to participate in a New Mexico State University program in Japan. Ken Carpenter currently serves as chairperson of the Consortium.

OIPS staff planned and attended a two day New Mexico State NAFSA meeting in Summer 2002 held in Las Cruces. Attendees for the meeting included international education administrators from New Mexico State University, New Mexico Highlands, New Mexico Tech, Western New Mexico and College of Santa Fe. Guest speakers included John Lawit, UNM's contracted Immigration Attorney, Officer Peter Rechkemmer, Albuquerque Immigration and Naturalization Service and Officer James Spurling, El Paso Immigration and Naturalization Service. Topics covered during the meeting included: a review of new INS Interim and Proposed Regulations; SEVIS Issues; Immigration Post September 11; Issues for Beginning and Advanced International Advisors; New Mexico Public University Global Consortium meeting; Site Visit to the U.S. Consulate General in Ciudad Juarez, Mexico; and Meeting at the U.S. Port of Entry in El Paso, Texas.

International Advisors must work continuously to stay abreast of immigration regulations and procedures and practices for student advising. In October 2001, OIPS staff attended the NAFSA regional meeting in Palm Springs, California. Ken Carpenter participated in a panel presentation on applying for and successfully obtaining NAFSA mini incentive grants. In May 2002 OIPS staff

attended the annual International NAFSA meeting in San Antonio, Texas and Linda Melville co-presented a session on tax issues for international students and scholars.

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Annual Report – Latin American and Iberian Institute
July 1, 2001 to June 30, 2002
William D. Stanley, Interim Director

Overview

FY 2001-2002 was a year of transition for the Latin American and Iberian Institute (LAII). Long time Director of LAII Gilbert W. Merkx retired from UNM and accepted a position as Vice-Provost for International Programs at Duke University. He was replaced on July 1, 2001 by Associate Professor of Political Science William Stanley, who will serve as Interim Director of LAII until replaced with a permanent director. This year was devoted to enhancing LAII's role in facilitating communication between various units on campus with interests in Latin America; to restructuring LAII to correct fiscal deficits; and to active dialogue with interested faculty regarding LAII's long-term role in the broader internationalization of the campus, strategies for enhancing the value of area studies programs, and governance of Latin American and Iberian programs.

LAII is a service organization that supports the scholarly activities of some 90 faculty members at UNM who study Latin America and Iberia, as well as initiatives of numerous other faculty who have collaborative research or training activities involving Latin American and Iberian institutions. It administers the Latin American Studies program, which offers the BA, MA, and Ph.D. degrees and enrolls approximately 30 undergraduate and 90 graduate students. LAII maintains formal relationships with dozens of Latin American and several Iberian universities and research institutions, and facilitates activities as diverse as exchanges of nurses between New Mexico and Chihuahua, tours of Cuba for New Mexico professionals, student and faculty exchanges, sharing of library resources and technology, artistic tours and exhibitions, and professional training programs.

Within UNM, LAII awards 10 Ph.D. fellowships, an average of 7 graduate Foreign Language and Area Studies fellowships, approximately 30 Field Research Grants for students per year, and research and travel grants for faculty. LAII sponsors or co-sponsors dozens of speakers per year, including numerous visiting scholars, activists, and policy makers from Latin America; it co-sponsors a film series organized by the Student Organization for Latin American Studies (SOLAS); it publishes an occasional paper series; it supports targeted library acquisitions of special collections; and it maintains a specialized library collection of periodicals, newspaper clipping services, and reports of non-governmental organizations and social movements in Latin America. LAII publishes three electronic weekly news bulletins through Latin America Data Base (LADB): these include *NotiSur* (political and economic news on South America), *NotiCen*, (political and economic news on Central America and the Caribbean), *and SourceMex* (political and economic news on Mexico). These are available free to UNM faculty, students, and staff. The full collection of LADB news stories since 1986 are full-text searchable through a user-friendly web interface. LAII supports study abroad programs, including eleven semester or year-long programs and six short term (mainly summer) programs located in

Latin America, as well as ten long term programs in Spain. A total of 73 students participated in these programs in FY 2001-2002.

During the period, LAII continued to host the executive office of the Ibero-American Science and Technology Education Consortium (ISTEC), which promotes the diffusion of exchange of technological and scientific knowledge among universities and corporations in the US, Latin America, and Spain. ISTEC initiatives include a digital rapid document delivery network connecting research libraries throughout the hemisphere (Liblink); an advanced continuing education program that sponsors training and workshops on state-of-the-art issues in information technology; establishment of electrical engineering research and training laboratories in Latin American universities; and application of current information technology to emerging social, health, environmental, and economic programs. LAII also operated the Office of International Technical Cooperation (OITEC), which organized short-term training programs for Latin American educators and public administrators.

LAII supports the Center for Latin American Resources and Outreach (CLARO), which maintains a lending library, speakers bureau, and other support services for K-12 teachers who want to incorporate Latin American content in the classroom.

LAII published the *Latin American Research Review (LARR)*, the official scholarly journal of the Latin American Studies Association. It also hosts the Brazilian Studies Association (BRASA), which organizes conferences and facilitates scholarly exchange among specialists on Brazil. LAII houses the Peace Corps recruiter for New Mexico.

Policy and funding decisions at LAII are made through a broadly participatory set of committees representing faculty, staff and students. The Faculty Concilium on Latin America and Iberia consists of all faculty members with current scholarly activities involving Latin America and Spain. The Concilium elects three officers, three representatives, and three alternates to serve on the LAII Policy Committee. The Policy Committee also includes appointees of each of the colleges with interests in Latin America as well as the UNM Library, and the Director and Associate Directors of LAII. Subcommittees approved by the Policy Committee include Grants and Awards, Publications, Program, Library, and Evaluation. Members of the Inter-Disciplinary Committee on Latin American Studies (ICLAS) are appointed by the Dean of Arts and Sciences. Current officers of the Policy Committee and Faculty Concilium include President Nelson Valdés (Sociology); Vice-President Margo Milleret (Spanish and Portuguese); and Secretary Melissa Binder (Economics).

Significant Developments

Enhanced On-Line Services: LAII undertook a major initiative during the period to enhance our web-based services to the UNM community and beyond. The existing LAII website was simple, informative, well organized, and technically sound; however, it was static, lacked information about new activities, lacked an events calendar, and provided little specific information about faculty research and teaching activities. We therefore

undertook a complete redesign of the site to incorporate selected news stories about the region drawn from the LADB; feature stories about Latin American scholarship and initiatives by UNM faculty, staff, and students; an events calendar; a searchable data base of faculty, students, and staff providing detailed information about their interests and expertise; and information on LAII governance, procedures, and governing committee composition. The entire site will be programmed in such a way that individuals with appropriate access codes can update information on the site without needing to know hypertext markup language (html). Once fully implemented, the site will significantly enhance the ability of scholars at UNM, as well as persons and groups outside the UNM community, to make connections, identify persons with common interests, and collaborate.

LADB Restructuring: An urgent challenge facing LAII in FY 2001-2002 was an inherited fiscal deficit in the operations of the Latin America Data Base. LADB had previously depended heavily on grant funding, and had neither received regular support from the university nor earned enough revenue from subscriptions to cover its operating costs. Through a combination of a major grant from the U.S. Department of Education, a partial subvention from the university, increased earnings, and internal restructuring, LADB is now operating in the black and paying off deficits accrued previously.

RetaNet Grant from US/ED: LADB was awarded at $403,552 grant over a three year period to implement an on-line learning community for K-12 teachers nationwide. The grant builds on the Resources for Teaching About the Americas (RetaNet) project previously implemented. The enhanced RetaNet service will provide teachers with full subscriptions to LADB's newletters and searchable data base, plus lesson plans and suggested strategies for incorporating LADB news stories and content into the classroom curriculum. Online conferencing systems will allow teachers to exchange experiences in using these materials, and build a dynamic and evolving database of successful lesson plans. RetaNet text materials will be supplemented by a photo archive and other downloadable materials.

Increased Study Abroad Responsibilities: As a result of personnel shortages at the Office of International Programs and Studies (OIPS), LAII assumed oversight of an additional five study abroad programs in Latin America and Iberia. Both OIPS and LAII consider the division of study abroad support between OIPS and LAII to be an expedient but temporary arrangement. LAII and OIPS coordinate closely to make information on all study abroad opportunities available to students, and LAII staff have participated in a series of meetings to review study abroad programs and develop strategies for future enhancements.

Integration in the Americas Conference: As the final stage in implementation of a grant from the Hewlett Foundation Program on Inter-American Relations, LAII hosted a major national conference entitled "Integration in the Americas: Where do we go from here?" The conference included participants from Argentina, Chile, Brazil, and from numerous institutions throughout the U.S. It focused on linking social science scholarship to policy-making, and on addressing basic institutional challenges associated with moving

beyond the current system of sub-regional trade agreements to achieve a higher degree of hemispheric economic integration. Among the issues addressed were the distributional effects of trade agreements, public security consequences of integration, macroeconomic management of liberalizing economies, and the politics of current trade negotiations. Presenters wrote original papers, which were published on-line at http://www.unm.edu/~laiinfo/conference/index.html.

Preparations for Closure of OITEC: LAII received notification in May 2001 that state funding for FY 2002-2003 for the Office of International Technical Cooperation would not be renewed. This reflected two consecutive negative evaluations of OITEC by the Commission on Higher Education and concurring evaluations by relevant legislative committees. In earlier years, OITEC had hosted substantial numbers of Latin American students participating in degree programs at UNM, mainly in education and public administration. As a result of decreasing US Federal funding for foreign student participation in these degree programs, as well as economic constraints faced by Latin American governments, the flow of students into degree programs had largely dried up. OITEC had compensated for these realities by organizing short-term, non-credit diploma courses, mainly for public administrators, but the numbers of programs and participants had fallen precipitously in recent years, with resulting increases in unit costs and declines in the benefits to the state. Following the terrorist attacks of 9/11/2001, participation fell off even more, and would-be participants in OITEC programs found it increasingly difficult to obtain visas from U.S. consulates abroad. These circumstances, combined with anticipated state funding cuts, led to a decision to close OITEC effective July 1, 2001. Because OITEC and predecessor organizations had been in operation for 35 years, orderly closure of the office was a major undertaking, involving selective destruction or storage of tens of thousands of academic and program records, disposal or reallocation of properties, and transfer of ongoing support services for alumni of OITEC-supported programs. These actions were not complete as of the close of the reporting period, and final OITEC closure was accomplished at the end of August 2001.

Revision of MBA/MALAS Dual Degree: In response to declining enrollments in the dual masters degree program in Latin American Studies and Management, LAII and the Anderson Schools of Management undertook a redesign of the program that would increase the flexibility of course selection and areas of concentration for participating students. These changes were approved by ASM and the College of Arts and Sciences, with final approval by the Faculty Senate still pending as of the end of the reporting period.

Establishment of a New Dual Degree in LAS and Education: In response to demand among current and future teachers for a degree that would combine professional training in Education with development of a high degree of expertise on Latin America, the LAS program and the College of Education developed a dual masters degree program in Education and LAS. This was pending approval by participating colleges by the end of the reporting period.

Establishment of Faculty Research Grants Program: Previously the LAII had awarded Field Research Grants to faculty as well as students under a program funded by the Tinker Foundation. Under the current grant, however, Tinker Foundation has restricted these awards to students only, and Tinker's guidelines govern both their grant monies as well as LAII's matching funds. Therefore, LAII developed a new small research grant program for faculty funded by the Mellon Foundation. This program is administered through the LAII Grants and Awards Committee.

Planning Meeting for Joint Activities with NMSU Latin America faculty: In April 2002, LAII hosted a visit of faculty from NMSU to plan joint scholarly activities for the New Mexico Consortium on Latin America, which consists of LAII and the Center for Latin American and Border Studies (CLABS) at NMSU. The goal of the meeting was partially to develop new initiatives to be incorporated into the Consortium's application to the Department of Education for a new Title VI National Resource Center grant (for 2003-2006), and partly to reinvigorate collaboration between our two campuses. See future plans for results of this meeting.

Future Plans and Recommendations

Strategic Development of Study Abroad Programs: As previously noted, study abroad programs are being administered separately by LAII and OIPS. The Division of Continuing Education also operates a number of programs, including programs in Spain and Latin America. Although many of the current offerings are of very high quality, based on participant feedback and faculty/staff site visits, participation is comparatively low. While the division of these offerings among multiple offices does not seem to be a significant barrier to potential participants (cost is the primary barrier for most students, according to staff who operate these programs), the lack of an overall strategy for study abroad is a serious problem and contributes to UNM's very low study abroad participation rate in comparison with peer institutions. A multi-departmental task force has reviewed current study abroad programs and has made a series of recommendations for enhancements. LAII agrees with the basic findings of the task force, and recommends that we take even more aggressive steps to realize increased internationalization of education at UNM. During FY 2002-2003, LAII will work closely with OIPS and Continuing Education to develop a coherent strategy for increasing UNM students' participation in study abroad, to make study abroad experiences a more integral component of the interdisciplinary LAS degree programs, and to seek major funding to support enhancements of UNM's study abroad offerings.

Promotion of the use of Spanish and Portuguese Across the Area Studies Curriculum: LAII plans to provide leadership, coordination, and fundraising in support of an initiative to increase the use of Spanish and Portuguese in advanced undergraduate and graduate courses dealing with Latin America. Currently the department of Spanish and Portuguese offers an excellent selection of linguistics and literature courses, many taught in Spanish or Portuguese at advanced levels. However for students in other disciplines in the humanities and social sciences, UNM offers few opportunities to develop strong language skills appropriate to their own disciplines, while making progress toward completing

degree requirements. The result is that Latin America-focused students often complete their programs, or begin field research, with language skills that are less fully developed than they could be, to the detriment of academic and professional development. Many UNM faculty teaching on Latin America are functionally bilingual in either Spanish or Portuguese; others have a strong foundation and both the potential and interest to achieve full bilingualism sufficient to be able to teach at least partly in Spanish or Portuguese. To accomplish this, however, would require a coordinated effort to develop student language skills in preparation for content courses taught in Spanish or Portuguese (this is particularly challenging with respect to Portuguese, which few students study through the intermediate level); pedagogical training for faculty who would be teaching in Spanish or Portuguese; additional course development efforts for participating faculty; graduate assistant support for editing students' papers and correcting their spoken language; and integration of these curriculum initiatives with study abroad offerings that would allow students to further develop their discipline-specific language skills in Latin America or Iberia. LAII will begin during the next year to develop proposals for such an initiative, and seek major funding to facilitate these developments.

Increased Consortium Activities with NMSU: Within the resource constraints faced by both programs, LAII and CLABS (NMSU) will seek to increase scholarly collaboration by holding a "works in progress" seminar for faculty and graduate students. The first event will be held in the Spring of 2003, and thereafter we will hold them twice per academic year, alternating between UNM and NMSU. Each conference will focus on a thematic topic such as tensions between public security and human rights; rural community strategies in response to global economic pressures; and literary and artistic responses to regional integration. The April 2002 meeting with NMSU produced a suggestion to develop a joint course to be taught at both universities. Discussions will continue on this possibility, focusing on solving the logistical challenges resulting from the distance between our campuses through a combination of scheduling, web-based course components, and other distance learning technology. The UNM and NMSU libraries are increasing coordination in collection development, as well as on-line client services.

Support for Search for a Permanent Director of LAII: UNM will be carrying out a search for a new LAII director during FY 2002-2003. LAII will support this process in any way requested by the Office of the Provost. The LAII Policy Committee has recommended that the university search for a senior scholar with a significant record of scholarly achievement focusing on Latin America, with a proven track record in building cross-disciplinary connections, in raising external funds, and in managing scholarly outreach programs.

Complete Implementation of New Website: During 2002-2003, LAII will roll out its new web-based information services. In lieu of publishing an LAII newsletter, future news about LAII will be published online and announced through email messages incorporating links to appropriate sections of the website.

Increased Transparency of Procedures: Extensive discussions between the LAII Interim Director and faculty from departments around campus revealed some confusion and specific concerns regarding LAII governance. As a result, some changes have been implemented during 2002-2003. Members of the Grants and Awards committee are now nominated by departments offering degrees with concentrations in Latin America, then ratified by the LAII Policy Committee. All by-laws, procedures and practices will be documented, reviewed by the Policy Committee, then published through the LAII website.

Appointments to Staff

William D. Stanley, Interim Director (effective July 1, 2001);
Claudia B. Isaac, Director of Latin American Studies Program (effective January 21, 2002);
Jorge García, Program Manager, Ibero-American Science and Technology Education Consortium (career ladder, effective December 11, 2001).
Margarita Birriel-Salcedo, Visiting Scholar, (December 1,2001-July 15, 2002).

Separations from Staff

Raúl C. Candelaria, Program Coordinator, Ibero-American Science and Technology Education Consortium (separated, effective June 30, 2002);
Jimmy C. Diecker, Technical Editor (separated, effective May 10, 2002);
Linda L. Kjeldgaard, Managing Editor, *Latin American Research Review* (retired, effective June 30, 2002);
Gilbert W. Merkx, Director (retired, effective June 30, 2001);
Karen Remmer, Associate Editor, *Latin American Research Review* (retired, June 20, 2001);
Robert Sandels, Technical Writer, Latin America Data Base (retired, effective May 31, 2002);
Jon Tolman, Associate Director for Luso-Brazilian Programs (retired, effective May 31, 2002).

The following visiting scholar appointments terminated on May 31, 2002:
Lavinia de Lima Galvao
Jorge Sanin
Peter Lupsha
Maria Morales
Francine Cronshaw
Marta Marinho Ghirlanda
Roberto Jordan Pando
Louise Guenther
Peter Simonson
Joan Lefkoff
Monika Harter

Jose Almeida Vinueza
Heather Williams

Publications of the LAII:

Brazil Study Guides Series, University of New Mexico
Bieber, Judy. *History of Brazil.* (177 pages), No. 7, July 2001

LAII Research Paper Series, University of New Mexico
Archer, Rachel Elaine. *Society, Culture, and Heroes: Depictions of Cuban Heroine Mariana Grajales Cuello, 1893-2000.* (41 pages), No. 27, July 2001

LAII Research Paper Series, University of New Mexico
Burke, Nancy J. *Pre-paid Phone Cards, "Cosas," and Photos of the Saints: Transnational Santería Practices in a Southwest City.* (42 pages), No. 28, June 2002

Latin American Research Review
Vol. 36, No. 3, 2001
Vol. 37, No. 1, 2002
Vol. 37, No. 2, 2002

LAS Noticias Estudiantiles
Vol. 16, Issue 1, September 2001
Vol. 16, Issue 2, November 2001
Vol. 16, Issue 3, February 2002
Vol. 16, Issue 4, April 2002

ISTEC Quarterly Message
Year II, Vol. III, August 2001
Year III, Vol. I, February 2002
Year III, Vol. II, June 2002

Latin America Data Base, three electronic newsletters, weekly issues (48 wks/year)
SourceMex (Economic news and analysis on Mexico)
Noticen (Central American and Caribbean sustainable development and political affairs)
NotiSur (Latin American political affairs)

NAFTA-MERCOSUR Working Paper Series, University of New Mexico, The Hewlett Foundation
Gawande, Kishore, Pablo Sanguinetti, Alok K. Bohara. *Exclusions for Sale: Evidence on the Grossman-Helpman Model of Free Trade Agreements.* (66 pages), No. 4, July 2001

"Integration in the Americas" Conference, April 5, 2002; all papers published online at http://www.unm.edu/~laiinfo/conference/index.html.

Geoffrey "Bannister, "Institutional Arrangements for Macroeconomic Stability: Inflation Targeting in Colombia"

Helson Braga, "Prospects for Free Zones under FTAA"

Timothy Canova, "Mismanaging Integration in a Monetary Straight-Jacket: A Prescription for Social Disintegration, Insecurity and Political Fragmentation"

Mehrene Larudee, "Inequalities and Its Remedies in an Age of Integration"

Frederick Mayer, "The Politics of Hemispheric Integration"

Paulo Mesquita Neto, "Crime, Violence and Democracy in Latin America"

Joseph Núñez, "A 21st Century Security Architecture for the Americas: Multilateral Cooperation, Liberal Peace, and Soft Power"

Phil Potter, "Fast Track and the TPA Debate in Congress"

Raymond Robertson, "Relative Prices and Wage Inequality: Evidence from Mexico"

Francisco Rojas Aravena, "Further Interdependence, Greater Demands on Security"

Pablo Sanguinetti, "Mercosur and the behavior of labor markets in Argentina and Uruguay"

Publications of LAII Director and Associate Directors:

William Stanley, "Protecting the People: Public Security Choices after Civil Wars." *Global Governance* 7 (2) pp. 151-172, 2001.

William Stanley, "Liberal Social Reconstruction and the Resolution of Civil Wars in Central America." *International Organization* 55(1) pp. 149-182, 2001.

Sponsored Research:

The Tinker Foundation, Field Research Grants for Graduate Students.
$15,000 January 1, 2001 to December 31, 2001
$15,000 January 1, 2002 to December 31, 2002
Specific awards for research October 2001 and March 2002 follow:

GLADWELL, Randi
Anthropology
"The Faunal Analysis of Beringa, An Archaeological Site in Majes Valley, Peru"
Peru
$862

HAMILTON, Marcus
Ph.D. Candidate, Anthropology
"Northern Mexico Paleo Indian Project"
Mexico
$1,287.74

JAMES, Paul
PhD Student, Anthropology
" The Disease Ecology of Allergy among South American Indigenous Populations, Phase I"
Paraguay
$937.50

LEWIS, Cecil
PhD Candidate, Anthropology
"A Molecular Genetic Study of the Prehistoric Tiwanaku Colony of Chen Chen: Implications for the Genetic Relationships of Tiwanaku Peoples and the Peopling of South America"
Peru
$1,473.85

MILLONES, Mario
MA Student, Anthropology
"Evaluation and Feasibility Study of Human Osteological Materials from the Formative Period in the Peruvian North Coast"
Peru
$1,157.19

NOLAN, Kimberly
PhD Student, Political Science
"Political Alliances and Policy Implementation: Bureaucratic Capacity in Mexico City"
Mexico
$632.37

NYSTROM, Kenneth
PhD Student, Anthropology
"Ethnicity and the Ancestors: A Bioarchaeological Investigation of Ethnic Identity"
Peru
$1,577.64

ORTIZ, Andrina
MA Student, Biology
"Improving Efficiency of Restoration Ecology Programs: Dispersal Patterns of Repatriated Galápagos Tortoises"
Ecuador
$2,410.29

RICE, Roberta
PhD Student, Political Science
"Indigenous Politics in Bolivia and Paraguay"
Bolivia, Paraguay
$1,989

RUCAS, Stacey
PhD Student, Anrthropology
"Female Intrasexual Competitive and Cooperative Behavior"
Bolivia
$1,995

SALVADOR, Melina
MA Student, Latin American Studies
"Living with Dignity: Life Stories from Individuals Living with HIV/AIDS"
Mexico
$957.81

SCHATZMAN, Christina
Ph.D. Student, Political Science
"The Political Economy of Privatization in Brazil"
Brazil
$1,392

SONODA, Yuka
MA Student, Latin American Studies
"The Cuban-Japanese Relationship—Cultural, Economic, Political"
Cuba
$977.50

STAIB, Patrick
PhD Candidate, Anthropology
"*La única salida*: Organic Coffee and Agricultural Development in Rural Nicaragua"
Nicaragua
$1,882.65

SUZAN, Gerardo
PhD Student, Biology
"Rodent Ecology and Hantavirus Disease Dynamics in Panama"
Panama
$1,200

WINKING, Jeffrey
MA Student, Anthropology
"Male Parental Behavior among the Tsimané of Bolivia"
Bolivia
$2,095

WHITE, John
PhD Student, History
"Gender, Community, and Dictatorship during the Construction of the Itaipú Hydroelectric Dam Project"
Paraguay
$1,348.40

Hewlett Foundation, "NAFTA and MERCOSUR: New Economics, New Institutions, New Identities." Continuation of award 1998-2002.

Specific awards for research October 2001 and March 2002 follow:

BINDER, Melissa
Assistant Professor, Economics
"Health and Poverty among Indigenous Peoples of MERCOSUR"
Paraguay
$2,400

DELGADO, Monica
MA Student, Latin American Studies
"Women and Eco-Tourism Development Planning on *Ejido* Land in Quintana Roo, Mexico"
Mexico
$1,974

DROPE, Jeffrey
PhD Candidate, Political Science
"Open or Closed for Business? The Political Economy of Trade Protection in Developing Nations-The Mexican Case"
Mexico
$907.40 and $2,400

HECOCK, Richard Douglas
PhD Candidate, Political Science
" Integration and Education Politics in Mexico"
Mexico
$2,200

INGRAM, Matthew
MA Student, Latin American Studies and Law
"Mexican Court Performance in the Post-NAFTA Era: A Comparison Between Commercial and Public Justice Sector Developments"
Mexico
$2,883

HURTADO, Magdalena
Associate Professor, Anthropology
"Health and Poverty among Indigenous People of MERCOSUR"
Paraguay
$2,590

JEPSEN, Eric
PhD Candidate, Political Science
" The Political Economy of Subnational Industrial Promotion in the Mexican States"
Mexico
$1,145

RICE, Roberta
PhD Candidate, Political Science
"Patterns of Social Protest in the MERCOSUR Member and Associate Member Countries in Response to Economic Reform and Integration"
$2,500

US Department of Education/IEGPS
New Mexico Consortium on Latin American Studies
Comprehensive National Resource Center and Foreign Language and Area Studies Fellowship Program, $302,172, August 15, 2001 to August 14, 2002

Peace Corps, Southwest Region; Peace Corps Recruitment Strategy Contract $16,456
October 1, 2001 to September 30, 2002

Latin American Studies Association
Salary and Fringe Benefits for *Latin American Research Review* Staff

$28,422
July 1, 2001 to June 30, 2002

Instituto Ecuatoriano de Crédito Educativo y Becas
Seminar on Leadership in Public and Private Sectors
$25,155
October 20, 2001 to December 15, 2001

Asociación Colombiana de Administradores Públicos
Seminar on "Gobierno y Gerencia Pública" for Professionals from Colombia
$5,321
November 1, 2001 to November 30, 2001

University of New Mexico
SCHOOL OF LAW
Computer and Technology Services (CaTS)
Fiscal Year 2001-2002
Cyndi Dean, Manager

Computer and Technology Services accomplishments for fiscal year 01-02 fall within four categories:

- Hardware
- Software
- Personnel/Professional development
- Service to the law school community

Specific accomplishments in each area follow.

Hardware

We purchased and installed the following hardware:

3 high-speed network printers (for a total of 17 located throughout the law school)
45 computers (replaced approximately 25% of our current PCs)
Application server for the Clinical Law case management program

Software

We researched and installed the following new software:

- Admissions web-based "live chat" software for accepted applicants. This provided accepted applicants with a way of using the Internet to 'chat' with UNM Law School Admissions staff as well as faculty. Students posed questions and faculty/staff on our end replied, real-time. The software resides on a law school server
- Clinic case management software (Amicus Attorney)

Personnel

Professional Growth

Staff attended the following classes:

- Performance Coaching
- Seven Habits of Highly Effective People
- Appreciative Inquiry
- Performance Review Feedback Session for Managers
- ADA web compliance class
- HTML class

The Computer Services manager co-authored two articles, published in the NNLSO Journal, summarizing research findings concerning use of the Internet by grad and professional students in selecting a school.

Staff served on the following committees:

- Dean's Search committee
- Law School Staff Committee (chair)
- UNM wireless network evaluation team

The Computer Services manager attended the Albuquerque Chamber of Commerce Technology Showcase.

Service to the law school

Web work

We designed and implemented multiple web sites

- Guanajuato
- American Indian Law Center
- Indian Law
- Clinical Law Program)

We redesigned lawschool web site, including Lobolaw (the law school intranet)

Staff provided the web work for Clinical Law pro bono project.
Staff facilitated the faculty photo shoot for the web site
Staff created and maintain Law School events calendar
Staff developed web guidelines and policies
Staff conducted the following custom training:

- 1L Computer Services Orientation
- 1L Word in the Legal Profession training
- How to Format a Brief in Microsoft Word
- Advanced Outlook features (student training as requested by faculty member)
- Trained student Journal Editors on use of Word document tracking
- PowerPoint
- Outlook 2000

Staff member wrote a user manual from hand-written notes compiled by the law school Registrar on the use of a custom database program. She also provided an electronic version accessible from file server for use by the Registrar and her assistant.

Staff created a custom Excel program used by the DA Clinic students for time keeping and trained the students in its use.

Staff created an Excel spreadsheet for Monthly and Annual tracking of Inter-Library Loan requests.

The following custom Access programs were implemented:

- Order and Customer Tracking and Invoicing for Law Review Journal, Natural Resources Journal and US Mexico Journal
- Library Patron Request database
- New Mexico District Court Docket program and reports
- Inter-Library Loan program

Staff devised a system for the electronic transfer of a monthly Acquisitions list from main UNM library for publication on the Law Library web page.

Staff worked extensively on the library's Public PCs, including installation of programs and security settings. All information was documented for use by the library's Electronic Services employee.

Staff served as the technical contact for the design and implementation phases of the Hart Addition.

University of New Mexico
SCHOOL OF LAW
Clinical Law Programs
Fiscal Year 2001-2002
Antoinette Sedillo Lopez, Professor and Director

On October 17th of 2001 the faculty held a retreat on Clinical Legal Education that helped the director focus on her priorities. Out of that retreat she developed a three-year schedule for faculty to teach in the clinic that will greatly aid in future planning. The concept of creating "working groups" of faculty interested in working together to maintain continuity in our commitments to clients and community organizations will strengthen our competence and our reputation in the community.

A major development this year was the move of the civil clinics to the Frederick Hart Wing of the Law School. The Clinic is now housed in spacious and elegant facilities. Clients do not have difficulty locating the Clinic. The facility serves the teaching and service mission of the clinic well. Professor Land has loaned several outstanding pieces of artwork by Alex DeBoek and several more are available to enhance the beauty of the facility.

Janet Roupas created a comprehensive web page for the clinic and it is now linked to the law school web site. It is an easily navigable site and contains our office manual, office forms, legal and community resources and comments by faculty members about why they enjoy teaching in the clinic. Several clinical teachers from around the country and from Colombia and Japan have commented on its usefulness.

The Law School was invited to be a member of the Law Schools Consortium project, a national project funded by the Open Society Institute, to expand the mission of law schools to include training and support of solo and small practitioners in serving the unmet legal needs of client communities.

Professor Schwartz worked with the Department of Children, Youth and Families to provide our students with experience representing the state in cases involving removal of children from their home based on abuse and/or neglect in the Fall 2001. This component enhances the student's learning about community children's issues. Professors Mike Norwood and April Land built the
Child Advocacy Clinic in partnership with PB&J Community Services and with programs for families in crisis at the UNM Hospital.

Professor Taylor continued a business component in the Law Practice Clinic in the Fall 2001. He and Professor Martin have developed teaching materials on obtaining exempt tax status for non-profit organizations. We placed some of the materials on the web to assist our alumni and other lawyers with this type of work.

The Community Law Clinic was enhanced with an international and immigration law component contributed by Professor Jennifer Moore in Spring 2002. The students worked on Violence Against Women Petitions as well as requests from the United Nations High Commission for Human Rights. The new component was well received and we hope to do it again.

The Southwest Indian Law Clinic was taught three semesters in a row by Professor Christine Zuni Cruz, who will be taking a sabbatical next spring. While we had some difficulty recruiting a visiting faculty member to take her place, we were able to hire Aliza Organick, who has taught in the program in the past. We continue to have a need for a faculty member competent to rotate with Professor Zuni Cruz. Nonetheless, the program was again funded by the state legislature and continues to serve native clients and tribes. It expanded its court appearances in tribal courts and completed several important research projects on indigenous issues.

We again had a successful year with our partnership with the DA's office through the DA clinic program taught by attorney Lisa Torraco and Professor Bill MacPherson.

The Clinical Law Program provided administrative support to Professor Liz Rapaport in her Clemency class. She added a practicum to her class in which the students worked with PB&J family services in the women's prison in Grants to identify potential candidates for clemency petitions. The students prepared petitions for five women. One of the petitions was granted by the governor.

April Land continues her work with the Innocence and Justice Project, a partnership between a student organization, the criminal defense bar and the clinic.

The CATS staff has installed a law office management system, however we have had some technical difficulty with it.

Three faculty members (Christine Zuni Cruz, April Land and Antoinette Sedillo Lopez) spoke about clinical legal education at the Association of American Law Schools clinical conference in Pittsburgh, PA in the spring 2002. Gloria Gomez, Program Coordinator attended the conference. Professor Mike Norwood spoke at the UCLA Warrick Clinical Conference and an article to be published in the Clinical Law Review grew out of that conference presentation. April Land and Jose Martinez have completed a draft of a comprehensive civil poverty law practice manual. Antoinette Sedillo Lopez completed an article, "Teaching a Professional Responsibility Course lessons learned from the Clinic" published in the University of Alabama Journal of the Legal Profession. Professor William MacPherson became *emeritus* and Professor Scott Taylor left for another school. Luckily Professor MacPherson has agreed to teach as *emeritus* for at least one more year.

The UNM Clinical Law program hosted the Rocky Mountain Regional Clinical Conference October 4-6. Dean Desiderio welcomed the attendees; six of our faculty members served on panels, and Dean Designate, Suellyn Scarnecchia gave the

luncheon address. The conference was supported by a $1,000.00 contribution from the Association of American Law School Section on Clinical Legal Education. Antoinette Sedillo Lopez and Gloria Gomez are on the planning committee for the 2003 regional conference to be held in Houston, TX.

We have had some staff turnover. Fortunately we were able to reclassify an Admin-1 position to increase the likelihood that we there will be more stability in the position.

Future Plans for the Clinic

We are going to evaluate technology use in the clinic.

We are having strategic planning meetings, open to the entire faculty, in order to enable us to address how to continue our leadership position in clinical legal education and the future direction of the programs. Dean Designate Suellyn Scarnecchia has asked us for a report to assist her in strategic planning. We expect to have a comprehensive report for her. The report will address where we are now, where we would like to, and the resources that might be necessary to get there.

We will work on the Access to Justice Practice Network to develop our contacts with alumni who work to serve the unmet need for legal services in the community. We will work with the national Law School Consortium Project in this regard.

University of New Mexico
SCHOOL OF LAW
Development and Alumni Affairs
Fiscal Year 2001–2002
Herbert Wright, Director

HIGHLIGHTS

The Alumni's "9th Annual Distinguished Achievement Awards Dinner" was a huge success. Honoring John Cooney, Raymond Sanchez and Ann Thomas, the event netted over $10,000 and was the most successful one yet.

Alumni classes held formal celebrations throughout the year. The class of '51 held theirs at the Rancher's Club and 8 out of the 11 surviving members attended. It was a very successful event, which resulted in a couple of gifts towards the capital campaign. The classes of '52, 62', '77 and '92, will hold their reunions in the summer/fall of '02.

FUNDRAISING

Last year, the School of Law raised $939,204, slightly down from the previous year. There was a significant increase in the number of donors, but the gifts were smaller in scale.

University of New Mexico
SCHOOL OF LAW
Institute of Public Law
Fiscal Year 2001-2002
Paul Nathanson, Director

Among all of the contract and grant work completed this academic year by staff of the Institute of Public Law, significant achievements are as follows:

Center for Wildlife Law

Wild Friends Youth Program selected as co-recipient of the 2002 Joan and Hy Rosner Environmental Education Award presented by the New Mexico State Land Office.

Wild Friends students initiated two legislative memorials focusing on wildlife conservation during the 2002 legislative session.

Wild Friends delegations met separately with gubernatorial candidates Bill Richardson and John Sanchez to talk about this youth program.

The Rozier E. Sanchez Judicial Education Center (JEC)

Note: The following item in bold type not to be published before October 24.

Continued to expand judicial education Website, which features programming for judges and court staff. In recognition of this work, JEC was presented with the eighth annual Howell Heflin Award from the State Justice Institute (SJI) of Alexandria, Virginia, on October 24, 2002, in the Great Hall of the United States Supreme Court. In particular, the award acknowledges the JEC Web course on Alternate Dispute Resolution in the Courts, which was successfully presented in April and May of 2002 to a class of judges and court mediators.

Produced or significantly supported the production of some 21 educational conferences and seminars, including annual conferences for every group of judges and clerks within the state judiciary; a teleconference on DWI; co-sponsorship of a Children's Law Institute; an orientation program for new municipal judges; two semesters of the Judicial Studies 101 course at Albuquerque Technical Vocational Institute; conferences for domestic violence commissioners and for district and metropolitan court supervisors; several mediation seminars, and a mentor training seminar. Tribal court judges were invited to the seminars of interest to them and several attended a number of our programs.

Assigned and prepared mentors for new limited jurisdiction judges who took the bench as occasional vacancies arose? JEC staff assembled and distributed a new single,

comprehensive binder of orientation materials for new judges, including orientation videos supplied for the first time in CD-ROM, rather than VHS, format.

Facilitated the attendance of 33 judges and court personnel to out-of-state training programs with state funds and scholarship money.

Developed a new model for planning and implementing judicial education programming, working with district court administrators to plan and initiate a regional approach to educational planning. Six regions were created within New Mexico, one or more regional training coordinators designated for each region, and a training seminar planned for those coordinators.

Published comprehensive orientation manuals for new probate, municipal and magistrate judges; neared completion of the DWI and Municipal Court benchbooks; and continued research on materials to update our benchbook series as the need arises. All published materials are available in print and on the JEC website.

Continued to develop Domestic Violence Web course, a comprehensive series of video lectures, interactive exercises and resources on domestic violence.

Awarded new contracts to develop an online "virtual trial" on domestic violence for New Mexico courts as well as a Web-based resource library for judges and judicial educators nationwide on Drunk Driving cases, on behalf of the National Association of State Judicial Educators. This library will compile resources that will assist judicial educators and course presenters to offer thorough and interesting educational programs on all aspects of handling DWI cases.

Supported the National Association of State Judicial Educators (NASJE), the national voice and advocacy group for judicial education programs nationwide, with JEC director Paul Biderman serving as president of the Association; JEC staff members preparing for the association's annual conference in Santa Fe; and the JEC Website development team developing a Website and online newsletter for the Association.

Children's Law Center

Continued to actively seek funding for the Corinne Wolfe Children's Law Center.

IPL Senior Attorney Judy Flynn-O'Brien served as an officer and member of the board for the Children's Law Section of the New Mexico State Bar.

Traffic Safety Bureau

Received an award for Special Achievements in Traffic Safety at the Traffic Safety Summit held during May 2002 in Albuquerque.

Produced and distributed DWI related information and materials, including posters, pamphlets and a monthly newsletter, throughout New Mexico in printed format and through the IPL Website.

Facilitated community programs, including those focusing on DWI; a drug and alcohol prevention program for high school coaches and athletes; and the third statewide Underage Drinking Prevention Conference for youth and adults in Las Cruces.

Developed and facilitated re-certification training for Driver Education Instructors and Driver Improvement Instructors, facilitated training for new Driver Education Instructors and DWI Instructors, developed and facilitated a Motorcycle Safety Awareness Day at Winrock Mall in Albuquerque, designed a brochure and PowerPoint presentation on good driving practices, and created and produced a DWI Schools video, in collaboration with a production company, for classroom use.

Monitored TSB-funded projects throughout the state of New Mexico as part of a quality assurance program.

Revised rules on Driving Safety Schools, Driver Improvement Schools, Driver Education Schools, and Ignition Interlock Devices.

Aviation Administration

Edited quarterly aviation newsletter distributed to more than 6,000 people and facilitated booth at conferences for the New Mexico Aviation Division.

Government Projects

Provided research and analysis to an inter-agency group developing recommendations on emergency planning pursuant to House Joint Memorial 34 and Senate Joint Memorial 62, 2002 Regular Session, through a contract with the Department of Health.

Assisted the New Mexico Environment Department in developing regulations to implement Senate Bill 333, 2001 Regular Session, to regulate petroleum above ground storage tanks.

Assisted the Public Regulation Commission with drafting rules and statutes for the following divisions:

- Transportation: Prepared a new set of rules for Motor Carriers and drafted a new Motor Carrier Act for the 2003 legislative session.
- Utilities: Revised residential customer services rule and customer protection and quality of service standards for telecommunications services in New Mexico.

- Insurance: Prepared the 2002 amendments to the title insurance rules and revised the insurance professional continuing education rule.

- Pipeline: Revised existing pipeline safety rules and drafted a new alternative dispute resolution rule.

Assisted the Department of Public Safety with drafting a rule to implement the Concealed Handgun Carry Act.

University of New Mexico Projects

Assisted University Counsel's office in staffing the UNM Conflicts of Interest Committee as well as reviewing, advising and drafting responses on potential conflicts of interest in sponsored research.

Anti-Racism Training Institute of the Southwest (ARTI)

IPL launched ARTI in February 2002 as part of a national network of similar institutions committed to combating racism, achieving racial justice, and building democratic communities. ARTI offers intensive training in skills for uprooting racial inequality in community and economic development; education; health care; and criminal justice. Substantial support for this program comes from the C.S. Mott Foundation and the W.K. Kellogg Foundation.

Conducted four two-day trainings, each with 25 participants, in conjunction with the People's Institute for Survival and Beyond. The People's Institute is a national network of seasoned community organizers who have 30 years of experience in anti-racism training.

Conducted two days of training related to uprooting racial disparities in educational outcomes. Thirty people participated, including teachers, parents, students, and community members.

Organized and delivered two days of training related to uprooting racial disparities in health outcomes. Cosponsors included District 1199 NM – Hospital and Health Care Employees Union; Health Action New Mexico; and Health Security for New Mexicans Campaign. Training components included health care crisis for people of color in New Mexico, issues in immigrant health care, legal issues related to health care equity, community organizing strategies for promoting equity, and legislative initiatives. The research director for Social Determinants of Health at the Centers for Disease Control in Atlanta was the keynote speaker.

The Project Change Fair Lending Center (Signature program of ARTI)

Spearheaded Campaign to STOP Predatory Lending, which provides information and research to community members, decision makers, and financial institutions for the purpose of ending predatory lending practices in New Mexico.

Conducted training for 50 participants interested in working collectively to end abusive lending practices in our state.

Organized and conducted a breakfast program for 100 people in conjunction with the Office of Senator Jeff Bingaman. The purpose of the breakfast program was to educate decision makers about the devastating impact of predatory lending on low-income neighborhoods of color and elderly residents of New Mexico.

Student/Faculty Involvement

UNM students employed at the Institute included Lisa Apodaca, Corinna Benjamin, Elena Berliba, Jasmine Blue, Melissa Gallegos, Sydney Henning, and Sarah Javaheripour.

UNM law students Celina Jones and Leslie Schaar as well as University of Maryland M.S. candidate Jennifer Clarkson assisted with research.

UNM law students Eric Anaya and James LaFata worked through the Institute of Public Law to assist Dean Desiderio with research.

Yale University law student Chamiza Atencio-Pacheco completed a summer internship with IPL Director Paul Nathanson

University of New Mexico
SCHOOL OF LAW
Judicial Nominating Commissions
Fiscal Year 2001-2002
Robert J. Desiderio, Chair

During the 2001-2002 fiscal year, four judicial vacancies were filled through the judicial selection process. The Judicial Selection Office at the UNM School of Law convened three Judicial Nominating Commissions to recommend nominees to the Governor to fill the four vacancies. The chart below shows the dates of the Commission meetings and the persons appointed to fill the three vacancies:

DATE	COURT	APPLICANTS	NOMINEES	APPOINTED
12/12/01	Ct of Appeals	9	3	Roderick T. Kennedy
01/25/02	Fifth	10	5	Charles C. Currier William A. McBee
05/21/02	Third	7	3	Florencia "Larry" Ramirez

The Dean of the School of Law, as Chairman of the Judicial Nominating Commissions, performed the following duties in carrying out the constitutional responsibilities charged to the chair:

- Advertise the vacancies;
- Solicit applications;
- Duplicate applications for Commissioners;
- Communicate with Disciplinary Counsel to see if applicants have been disciplined;
- Convened the Commission meetings; and
- Carried out the decisions of the various Commissions in recommending nominees to the Governor.

University of New Mexico
SCHOOL OF LAW
Law Library
Fiscal Year 2001-2002
Marsha Baum, Director

During 2001/2002, the Law Library continued to support the curricular and research functions of the Law School community. Library staff provided training on legal research for various law school classes and outside groups, provided reference and research support for the various constituencies that rely on the Law Library, and maintained and modestly expanded the materials available to legal researchers.

LIBRARY STAFF

During 2001/2002, the Law Library filled two reference librarian positions, one permanent and one visitor. Three additional librarian searches were undertaken in 2001/2002, two for reference librarians and one for an electronic services librarians, but no hires were completed as a result of these searches.

The Law Library went through a series of staffing changes in Access Services during 2001/2002. With the transfer of an LIS III to the Cataloging Unit, a new LIS I position in Access Services was created. A second LIS III position in Access Services was reclassified as an LIS II following the resignation of the staff member in May 2001. To fill newly defined positions and to fill vacancies as those arose during the year, the Access Services unit completed five searches during 2001/2002. During the extended searches to fill various positions, two staff members from the administrative office assisted at the circulation desk to ensure coverage. In addition, in May of 2002, the term appointment staff member in the administrative office transferred to the acquisitions area to assist with backlogs in handling gift and government documents.

The Law Library continued the employment of the temporary staff person in collection development to provide support in handling a large collection of gift materials. The Collection Development unit assumed full responsibility for binding during 2001/2002.

The Serials unit experienced a significant backlog of materials for check-in during 2001/2002. Staff members from other units were trained for check-in of various types of materials to assist in moving materials out of the Serials area. This backlog still remained at the end of 2001/2002.

The Library Management Team composition was changed to provide wider representation of the staff. As a result of the transfer of Eileen Cohen from Technical Services to Access Services, the reporting structure for the head of cataloging and the head of serials changed from reporting to the Associate Librarian for Technical Services

to reporting to the Director of the Law Library. This change in reporting structure created an opportunity to add the two unit heads to the Library Management Team.

With the additional input and energy of the new department heads and the addition of two new librarians, the management team undertook new initiatives to provide better opportunities for staff input into library decision-making. The management team developed and presented to the staff for consideration a project proposal form to better prioritize library work and ensure input from all parties involved in projects. The team also created a suggestion form on email suitable for staff to offer any kinds of suggestions to the director.

The Law Library prepared and presented a video and oral presentation for the Staff Committee Luncheon Series on the Law Library's staff and services, which was very well received.

The Law Library staff participated widely in training and professional/career development activities. Staff members attended various workshops and conferences including computer training classes and the annual SWALL and AALL meetings.

The Law Library staff continued the discussions about the results of the 2000 staff survey. The staff discussions provide an opportunity for staff to identify and define issues of concern related to library operations and structure and to offer concrete and productive solutions and suggestions for addressing common concerns. To gain a current status report on staff issues and progress in finding and implementing solutions, a committee comprised of two management team members and two staff members elected by the non-management team library staff presented the staff with a survey similar to that used in 2000. The survey results demonstrated a marked improvement in job satisfaction for the Law Library. The Law Library will continue the discussions and the efforts to enhance productivity, effectiveness and job satisfaction.

The Law Library director taught Information Technology and the Law during the Fall 2001 semester and Copyright Law during the Spring 2002 semester.

UNIVERSITY ACTIVITIES

The Law Library continued to collaborate with the UNM General Library and other libraries in the INNOPAC consortium. Law Library staff members participated on various University and Law School committees. The Law Library director was included as an observer for the Faculty Senate Library Committee to help facilitate communication among libraries and also served on the University Faculty Senate Intellectual Property Committee. Lorraine Lester served the University as a member of the Faculty Senate Library Committee.

SERVICES AND TRAINING ACTIVITIES

The Law Library continued the increased level of reference service, providing service until 9 pm Mondays through Thursdays as well as weekends. Service points continued to be staffed only with permanent library staff, eliminating the reliance on student workers for desk coverage.

The Law Library staff offered a range of training opportunities for Law School faculty and staff and for other groups. The Law Library director presented a program on Internet research and ethics for the NM Bar Association in October 2001. The Law Library prepared and presented an update of the satellite CLE program on Internet research in February 2002 for the New Mexico Bar. The reference librarians provided New Mexico Law on Disk training as part of the Judicial Education Center's magistrate training in the Fall of 2001. Staff continued to provide training tours and informal classes for paralegal students from TVI and for undergraduate and graduate students from other programs at the University.

Direct offerings for law students included training on bill tracking for the Legislative and Administrative Process course. The Law Library provided research instruction on New Mexico practice and primary materials to all law students in the clinic as part of clinic orientation and is now included as a component of the clinic orientation instruction. In addition, the Advanced Legal Research seminar was offered each semester during 2001/2002; Eileen Cohen taught the Law School's Advanced Legal Research course during the Fall 2001 semester, Ron Wheeler and Barbara Lah team-taught the course during the Spring 2002 semester, and Ron Wheeler taught the course during the summer of 2002.

The Law Library prepared extensive bibliographies for faculty at the Law School, including the bibliography for the U.S.-Mexico Law Institute.

COLLECTION & FACILITIES

The Law Library continued to maintain the current collection and to concentrate on adding monographic titles during 2001/2002. While few new serials titles were purchased for the collection, the Law Library was able to maintain the current collection of continuations using soft money and funds from vacant positions.

The Law Library continued the review of the gift book backlog. The Collection Development unit also began and completed creation of brief bibliographic records for the Latin American monographs in the online catalog to provide access to these titles before the titles are fully cataloged. The Collection Development unit also assumed responsibility for handling documents received through the Federal Depository Library Program.

TECHNOLOGY AND ELECTRONIC RESOURCES

The Law Library continued to make progress in increasing access to electronic information. The Law Library's research PCs continue to be heavily used by law students, bar members, and the public to search the Internet and the Law Library CD-ROM and web subscription titles. During the summer of 2002, the Law Library regained the space previously allocated for the Law School's computer lab and began preparation of the area for creation of a research and training facility.

In 2001/2002, the Law Library continued to offer loan of a laptop computer for law students to use on group projects in Law Library study rooms. This loan program is very successful and of great demand by the students despite limited advertising and limited availability. The Law Library's printer station became operational in January 2002 and has been heavily used by the public users of the Law Library's research stations.

The Law Library created a web design team comprised of Law Library staff members who began concentrated work on development of a research-oriented web site aimed at New Mexico practitioners, as well as development of web site for water law and related issues. The Law Library continued support for the Tribal Law Journal by assigning up to twenty hours per month of a reference librarian's time to locating or publishing Internet versions of primary documents cited in articles in the journal and to developing an Indian Law research web site to which the journal provides links.

FUTURE PLANS

The Law Library is continuing to develop new training and support services. The Law Library is working with the New Mexico Bar on annual CLE offerings on legal research. The Law Library is planning to implement a faculty liaison program and is exploring expansion of the current document delivery services.

The Law Library is continuing its efforts at cross-training staff to perform multiple functions and at increasing offerings of training opportunities for staff. Adjustments to the staff organizational structure also continue as positions become vacant or as service and functional needs change. To enhance the level and quality of the service provided, the Law Library is continuing a training program for library staff on legal materials.

The Law Library will continue to explore applications of technology to research and library services. The Law Library continues to explore web-based resources as alternatives to print and CD-ROM and is experimenting with various methods for providing access to resources. The Law Library is exploring the possibility of purchases of equipment for check-out to students, including additional laptop computers and headphones for use in the computer lab.

The Law Library will continue its development of a research-oriented web page, including Indian law and water law resources. The Law Library is working with the Utton Transboundary Resources Center on collecting, archiving and providing access to the papers of Al Utton. As part of the Water Resources web page, the Law Library is also offering links to sites which are related to international and transboundary water issues.

The Law Library looks forward to continued progress in enhancing services and information access to support the mission of the Law School. Filling all vacant positions in 2002/2003 will allow the Law Library not only to maintain current services and collections but to advance in new directions.

University of New Mexico
SCHOOL OF LAW
New Mexico Law Review
Fiscal Year 2001–2002
Michael Browde, Editor

For 2001–2002, the New Mexico Law Review had three primary goals in mind: to get the Law Review back on a timely publication schedule, to publish three quality issues, and to institutionalize the Excellence in Jurisprudence Award and banquet. We are pleased to report that we accomplished all three.

Despite a few challenging obstacles, we accomplished our major goal of resetting the journal on a path of timely publication by having all three issues out by the end of the volume year, 2002 (June, August, and October 2002 are the projected publication dates of the three issues). A combination of planning achievable publication schedules, combined with the Editors' hard work, compliance with deadlines, and everyone's incredible efforts to keep the post-editorial process in line were major factors in getting things back on track. To ensure that the Law Review stays on schedule in the future, we transitioned the new Editorial Board earlier than usual and gave them editorial responsibilities on the final issue of Volume 32 so that they would have "on the job" training rather than having to figure everything out from scratch.

We also published three quality issues. Issue #1 was a symposium on Internet technology and the law composed of articles from professors and practitioners across the country and students here at UNM. (Incidentally, one of the articles in that issue caught the attention of the ABA Committee on Information Security). We also revived an old Law Review tradition, which had become dormant in the recent past, of publishing an entire issue dedicated to NM legal issues (in fact, we published two such issues). Issue #2 contains articles focused on New Mexico legal issues written by preeminent judges, practitioners, and professors from around New Mexico. Issue #3 has a similar theme, but from a law student perspective in the staff casenotes (we were very successful here as well, 13 of 17 students turned in casenotes on time this year). The student pieces in Issue #3 are balanced by a lead article by Dean Desiderio and two UNM students. Thus, each issue in Volume 32 has a coherent theme.

This year the Law Review institutionalized the Excellence in Jurisprudence Award and banquet. With the help of the law school administration and the law review members, we were able to host a well-attended and well-received affair honoring Justice Mary Walters and Dean Desiderio. To enhance the award's prestige and alumni involvement, Andy Schultz, of the Rodey firm, has agreed to head up a Law Review alumni committee to submit nominations for the award each year. We hope that the committee's involvement will generate more interest in the award, thus giving the Law Review and School of Law a higher profile in the New Mexico legal community.

As the transition from the 2001–2002 board to the 2002–2003 board occurred, a significant decision was also being made in the U.S. Supreme Court in the Atkins v. Virginia case. Due to the involvement of the law school's own Professor Jim Ellis and the importance of the issues raised in the case, the Law Review felt that a fall symposium on the implications of the Atkins decision would be appropriate. Plans proceeded over the summer months and the symposium is to be held in October and will lead to a special issue for Volume 33 of the Law Review. The symposium is seen as another means by which the New Mexico Law Review can achieve its goal of service to its readers and the law community of New Mexico.

University of New Mexico
SCHOOL OF LAW
United States-Mexico Law Institute Inc.
Fiscal Year 2001-2002.
Franklin Gill, Executive Director

The Tenth Annual Conference of the United States-Mexico Law Institute Inc. was held in Guanajuato, Mexico from September 6-8, 2001.

Rogelio Ramírez de la O, a noted Mexican economist and the President of ECANAL, a private Mexican economic research company reviewed the problems and opportunities of economic globalization. Professor Gustavo Vega Canovas from the prestigious Colegio de Mexico presented alternative views from the perspective of an historian and political scientist noting the blurring of social and legal borders between Mexico and the United States.

Michael L. Owen, Esq., a member of the law firm of Paul, Hastings in Los Angeles, presided over a discussion in depth of statutes recently adopted in Mexico which are designed to bring the laws regulating bankruptcies and the financing of personal property transactions in harmony with those of highly industrialized societies. The principal author of the bankruptcy status and the new Director of the Mexican Federal Institute of Specialists in Bankruptcy participated in the discussion.

A panel of attorneys from the United States and Mexico also reviewed new statutes and proposed regulations affecting commercial transactions by electronic commerce between their countries.

After updating, the presentations will be published in the United States-Mexico Law Journal in the Spring, 2002. The Journal is edited by students of the University of New Mexico School of Law.

The United States-Mexico Law Institute Inc. is a not-for-profit corporation organized in 1992 in cooperation with the American Bar Association Section of International Law & Practice for the purposes of promoting research on legal problems common to the United States and Mexico, studying the administration of justice in both countries, and providing a regular forum for attorneys, judges, and legal scholars to meet and share opinions on professional issues with their counterparts.

The Eleventh Annual Conference of the Institute will take place in Santa Fe, New Mexico from Sept. 19-21, 2002.

University of New Mexico
SCHOOL OF LAW
The Utton Transboundary Resources Center
Fiscal Year 200 –2002
Marilyn O'Leary, Director

The beginning of the July 1, 2001 – June 30, 2002 reporting period coincided with the Utton Center's hiring of a full time Director of Domestic Programs. Marilyn O'Leary's initial efforts as Director focused on clearly establishing a unique niche for the Utton Center through meeting with directors from many other water resource organizations both within and outside of New Mexico and working with the Utton Center Advisory Council to identify a work plan of research and field projects consistent with the mission of the Utton Center. In October, 2001, Ms. O'Leary traveled to Washington with Dean Desiderio to meet with Senators Domenici and Bingaman and their staffs to discuss the Utton Center program. At the same time the Utton Center refined its White Paper defining the Center's mission, drafted a strategic plan, and embarked on its first two projects.

After being approached by Sandia National Laboratories, the Utton Center entered into a collaboration with the Lab to facilitate the use of a water budgeting computer model for use in the Middle Rio Grande Water Assembly's water planning process. The model is being used by stakeholders to support the public participation element of the planning process for the region. This effort puts to a test in our home community the Utton Center method of using multidisciplinary expertise to develop equitable and sustainable management of water resources

A major focus of the Center's efforts is to reduce costly and protracted litigation between states over shared water resources. The second major project is planning a Fall 2002 conference, 'Interstate Waters: Crossing Boundaries for Sustainable Solutions' to address these issues. This project includes bringing together from around the country experts from those disciplines whose expertise can be applied to management of water resources. Individual experts will make presentations on the contributions of their disciplines to the water management and water allocation process. Participants will work in multidisciplinary groups to share and understand each other's expertise and also the limits of their ability. A hypothetical case study will be the basis for the discussions. Results of this conference will assist the Center in its long range plans to draft model provisions for an interstate surface and ground water compact.

Professor O'Leary has met on a regular basis with members of the School of Law faculty who teach natural resources law to coordinate curriculum development efforts with the work of the Utton Center. The discussions include using students, law faculty and visiting scholars to help with the Utton Center's research. This effort will continue and become part of the strategic plan being developed by the new Dean, Suellyn Scarnecchia.

Plans for additional extensive development of a water law section and water resources archives in the library continue. Ms. O'Leary and head of the Law Library, Professor Marsha

Baum visited the University of California at Berkeley's water archives to review their collection and discuss the UNM School of Law plans to expand its collection. The Law Library will also include in its collection the late Professor Utton's papers as well as information on electronic data related to water law.

Working with Ambassador Alberto Szekely from Mexico, the Utton Center started the first planning stage of a large research project on water availability and sustainability on the US – Mexico border. This project will bring together many non-governmental and academic actors in an attempt to develop a unified proposal for water management policies in the region. The goal is to update a previous study on the US - Mexico border region and determine the legal and institutional challenges to be faced through 2025. This study is to be completed prior to a Binational Congress planned for the end of 2003. Decision and policy makers on both sides of the border will be provided with the report prior to their deliberations at that Congress.

Along with UNM's water resources program, the Utton Center has been invited to join the Universities Partnership for Transboundary Waters, a worldwide group of nine universities which offer water resources programs. Marilyn O'Leary of the Utton Center and Michael Campana of the UNM Water Resources Program and faculty at Oregon State University will jointly represent the US. They will pursue cooperation on shared databases, short courses and a certificate in transboundary water management and applied analytical studies. This is a major long-term effort that will seek support from the World Bank, UNESCO and private foundations.

During the past year Marilyn O'Leary has made a number of presentations on the work of the Utton Center and sits as a member of the board of directors or trustees of the Trust for Public Lands, North American Institute, and Rocky Mountain Mineral Law Institute.

Efforts to establish an exchange program between the faculties of the UNM School of Law and the Law Faculty of the University of Extremadura in Spain continue. It is hoped that the first visit will occur in Spring, 2003.

ANNUAL REPORT

OFFICE OF GRADUATE STUDIES

July 1, 2001 - June 30, 2002

Prepared by

Kenneth Frandsen
Interim Dean of Graduate Studies

And

Robin Meize-Grochowski
Associate Dean of Graduate Studies

ONGOING ADMINISTRATIVE ACTIVITIES

Admissions

The total number of applications processed for the 2001-2002 academic year was 5159, with 2120 applicants admitted to UNM graduate programs for the first time, and 158 readmitted. This represents a 1.05% increase in first-time applicants admitted and a .65% decrease in readmissions over the 2000-2001 academic year.

	Summer 01	Fall 01	Spring 02	Totals
First-time Applications	419	3867	873	5159
Applications for Readmission	53	65	40	158
Total New & Readmits Applications	472	3932	913	5317
Total Number of New Admits	295	1433	392	2120

Graduate Fellowships and Awards

Faculty committees appointed either within the academic units or by the Dean of Graduate Studies selected recipients of graduate fellowships and other awards.

Twenty-nine new students were awarded **Graduate Fellowships** for the 2001-02 academic year. An additional seven master's level students continued their fellowships for their second and final year of support. Twelve doctoral level students received their second year of funding, five received their third year and six received their fourth and final year of support.

Seven students nearing the completion of Ph.D., Ed.D. or MFA degrees received **Dean's Dissertation Year Fellowships** of $8000 for 2000-01. The recipients represented American Studies, Earth and Planetary Sciences, English, Art and Art History, Latin American Studies, Sociology, and Spanish and Portuguese

One hundred twenty-six students received funding from the **Research, Project and Travel Grant (RPT)** in the amount of $84,600 from student fees. Students were reimbursed for up to $1000 of expenses related to their thesis or dissertation research, an academically related project, or travel to a conference or meeting.

One student is currently participating in the **Minority Doctoral Assistance Student Loan-for-Service Program**. This program encourages outstanding doctoral students from underrepresented groups who have obtained their undergraduate or master's degree at UNM to earn a doctoral degree at an institution outside the state of New Mexico and, upon completion, assume a faculty position at UNM.

Eight hundred and twenty-eight students held Graduate or Teaching Assistantships during the 2001-02 academic year; five hundred and ninety-three held Research or Project Assistantships.

One hundred and seventy-eight students were awarded a 3% Scholarship. The award is an amount equivalent to the tuition and fees for which a student is registered. The purpose of the award is to provide financial support and to promote progress toward completion of the graduate degree.

External Fellowship Programs

The funding agency provides the stipend after a competitive review and awarding process at the agency level. These funds are then administered through the University for recipients admitted to and enrolled at UNM. The Office of Graduate Studies verifies student eligibility, arranges for the distribution of funds to each fellow, and submits reports to the funding agency. Current examples are:

National Science Foundation Graduate Research Fellowship Program

NSF Fellowships are awarded for graduate study leading to research-based master's or doctoral degrees in the fields of science, mathematics, and engineering. Each three-year fellowship provides a stipend of $18,000 for each 12 month-tenure plus a $10,500 cost –of- education allowance per tenure year. For 2001-2002 eleven UNM graduate students were affiliated with this program; four in Biology, two in Psychology, one in Earth and Planetary Sciences, and four in Anthropology.

National Physical Science Consortium Graduate Fellowships in the Physical Sciences

The National Physical Science Consortium offers a six-year Graduate Fellowship in the Physical Sciences with special emphasis on recruiting minorities and women. UNM, as a member of the consortium, agrees to provide tuition and fees and advisor and mentor support for up to six years. For 2000-2001 four UNM graduate students participated in this program; one in Material Science, one in Chemistry, and two in Mechanical Engineering. The stipends are $12,500 per year for years one through four and $15,00 per year for years five and six.

Popejoy Prize

The Tom L. Popejoy Dissertation Prize was awarded to Michael Anne Sullivan for her dissertation on "Healing Bodies and Saving the Race: Women, Public Health, Eugenics, and Sexuality, 1890-1945." The dissertation examined how public health reformers incorporated eugenic theories about inherited sexual deviance into their reproductive health practices. Her manuscript is being considered for publication at the University of Illinois Press. Dr. Sullivan received her Bachelor of Arts in History from California Polytechnic San Luis Obispo in 1987, her Master of Arts in History (U.S.) from UNM in 1995, and her Ph.D., with distinction in History (U.S. and Women and Gender) from UNM in December of 2001. Dr. Sullivan has been a Teaching Assistant in both the History Department and the Women Studies Department. Dr. Sullivan has also won a number of grants and fellowships, including the Dean's Dissertation Fellowship, which supported her research. The Tom L. Popejoy Dissertation Prize is awarded for "excellence at the highest academic and technical level, good literary form, and general human interest." Currently, she is a Consultant for the Sandia National Laboratories Corporate History Program and an adjunct professor with the UNM History Department.

Harvey Foundation Graduate Faculty Mentoring Award

Interim Dean Kenneth Frandsen established the Harvey Foundation Graduate Faculty Mentoring Award to recognize exceptional efforts made by a graduate faculty member in mentoring graduate students. Nominees were considered only through nominations by a graduate student and an endorsement by the faculty member's primary department. Twenty-six nominations were submitted. The recipient of the 2001-2002 award was Elizabeth Noll, Associate Professor of Language, Literacy and Sociocultural Studies in the College of Education. The award included an honorarium of $3,000 and a release from instruction responsibilities for one course in the semester following the award so that the recipient can devote additional time for mentoring graduate students.

Graduation

One thousand thirty-six students earned graduate degrees or certificates during the 2001-02 academic year. This number is three less than the number of graduates during the previous academic year. The distribution of graduates by degree and semester follows:

Degree Title	Summer 2001	Fall 2001	Spring 2002	Total
Doctor of Philosophy	61	65	61	187
Doctor of Education	0	2	0	2
EdSpec Certificate	5	1	1	7
Master of Fine Arts	3	3	11	17

Master of Arts	165	101	145	411
Master of Science	64	83	80	227
Master of Science in Nursing	36	6	26	68
Master of Engineering				
Hazardous Waste Eng	1	0	0	1
Manufacturing Eng	2	0	0	2
March/MCRP/MLA	6	12	26	44
Master of Music	6	1	7	14
Master of Public Admin.	11	6	18	35
Master of Public Health	7	3	2	12
Master of Water Resources	1	3	1	5
Post Master's Nurs. Cert.	0	1	3	4
Total	368	287	381	1036
% Change	+3.0%	+2.4%	-5.2%	-0.3%

Manuscripts

The manuscript reviewer continued to offer individual guidance for students working on theses or dissertations. New checklists for both masters and doctoral students were designed to help them track final graduation paperwork requirements. Several links to copyright information sites have also been added to the web site.

Numbers for manuscripts submitted during the 2001-2002 academic year are as follows:

	Summer 01	Fall 01	Spring 02	Total
Dissertations	61	68	64	193
Theses	49	43	52	144
Totals	110	111	116	337

May 30-June 1, 2002; the manuscript reviewer attended the Fifth International Symposium on electronic Theses and Dissertations, sponsored by Brigham Young University and the Networked Digital Library of Theses and Dissertations (NDLTD).

Recruitment and Retention

Katherine Vazquez attended the Graduate School Recruitment Fairs at NMSU and UTEP (October 3-4, 2001).

The Office of Graduate Studies hosted the annual UNM Graduate and Professional Fair October 5, 2001, with great success. Over 70 schools from across the country

participated. A large number of UNM juniors and seniors attended the event. UNM staff were invited to participate, as well as students and staff from neighboring institutions, such as Santa Fe, New Mexico Highlands, Los Alamos and others.

Edwina Chavez-Salazar attended the MGE@MSA Graduate School Recruitment Fair at Northern Arizona (Jan. 12, 2002) and the Rocky Mountain McNair Symposium in Ft. Collins, CO (April 6-8, 2001).

The Western Name Exchange is a consortium of twenty-five universities located in the Western and Southwestern United States, which annually collects and exchanges names of talented under-represented ethnic minority students who are in their junior and senior year of their undergraduate education. The purpose of the Exchange is to ensure that participating universities continue to identify a pool of qualified students who could be recruited to the graduate programs at these "name exchanging" institutions. The consortium of universities conducts other activities consistent with the national efforts to increase the enrollment of traditionally under-represented peoples in graduate education. Over 100 UNM undergraduate juniors and seniors participated in the 2001 exchange.

Graduate Unit Reviews

The Office of Graduate Studies, in conjunction with the Senate Graduate Committee, conducted graduate program reviews of four graduate units (Speech and Hearing Sciences, Counseling, Special Education and Anderson Schools of Management) during the Fall semester of 2001 and an additional five program reviews (Music, Nursing, Organizational Learning and Instructional Technologies, Physical Performance and Development and Political Science) in the Spring semester of 2002.

The Office of Graduate Studies also held Orientation meetings with those graduate units scheduled for reviews in the Fall of 2002 and Spring 2003.

OGS Web Page

Mariana Ibáñez continues to oversee the Office of Graduate Studies web page. Several Office of Graduate Studies forms were updated and links were added and changes were made as necessary. A new page for the Senate Graduate Committee, including a membership roster, an archive of past minutes and meeting agendas, was added. Work continues on the new student orientation and Graduate Fair pages.

Graduate Student Orientation

The Office of Graduate Studies offered two orientation sessions for graduate students a week before classes began for Fall 2001. Attendance was well over 400 students for both sessions combined.

UNM Catalog

The Office of Graduate Studies began reviewing the Graduate Section of the 2001-2003 University Bulletin in preparation for the 2003 revision.

SIGNIFICANT ACTIVITIES AND EVENTS

External Funding

As a result of Cooperative Agreement #HRD-0086701, between National Science Foundation and the Regents of New Mexico State University, under the title "New Mexico Alliance for Graduate Education and the Professoriate," October 1, 2000 – September 30, 2005, funds in the amount of $292,346 were granted to UNM Office of Graduate Studies as a subcontractor with Interim Dean Kenneth Frandsen listed as Co-Principal Investigator, for the period October 1, 2000 – March 31, 2002.

The New Mexico Alliance for Graduate Education and the Professoriate (NM-AGEP) comprises the state's three doctoral granting institutions: New Mexico State University, The University of New Mexico, and New Mexico Tech and in partnership with a number of Southwestern Universities with large minority populations, two National Laboratories, the Tribal Colleges in New Mexico and a number of feeder programs including New Mexico Alliance of Minority Participation and the McNair Program.

NM-AGEP is designed to triple the number of Science, Mathematics and Engineering (SME) graduate minority students pursuing doctoral degrees and entering the professoriate over the next five years at the three NM-AGEP universities through the following objectives:

- Coordinating efforts to support minority SME graduate students statewide.
- Increasing the recruitment, retention and graduation of minority doctoral students in SME and supporting those interested in pursuing academic careers.
- Institutionalizing a graduate education cultural climate that is receptive and supportive of a diverse graduate student population.

NM-AGEP will include the following programs and activities: enhanced stipends for qualified graduate students, teaching workshops for students, mentoring workshops for faculty, and annual NM-AGEP conference, establishment of an SME Faculty Network, development of discipline clusters, systematic recruiting efforts, team teaching opportunities, workshop content on cultural integrity, production of a newsletter.

Academic programs of study that qualify for AGEP include: Agronomy, Animal Science or Range Science, Astronomy, Biology, Biomedical Sciences, Chemistry, Computer Science, Earth, Environmental and Planetary Sciences, Engineering, Geography, Molecular Biology, Mathematics and Statistics, Physics, Optical Sciences, and Toxicology.

Staff Appointments/Separations

Four new staff members joined the Office of Graduate Studies, Alan Morgan (Academic Advisor) on October 22, 2001, Carolyn Souther (HRIS Coord) on November 1, 2001, Carol Brandt (Program Manager for AGEP) on December 17, 2001, and Roxanne Littlefield (Coord, Graduate Academic Advisement) on April 12, 2002. All of these appointees are replacements for staff that left the office, namely, Kersti Tyson, Katherine Vasquez, and Diana Rintala, and a vacant position.

Graduate Student Recognition Reception

The Office of Graduate Studies and the Graduate and Professional Student Association jointly sponsored the first annual Graduate Student Recognition Reception, honoring all graduate students who had received some form of financial aid during the 2001-2002 Academic Year. The event was held at University House on April 26, 2002.

Outside Professional Activities/Attendance at Professional Meetings

Interim Dean Frandsen attended the Council of Graduate Schools annual Summer Workshop and Conference, July 7-10, 2001, held in Anapolis, MD.

Interim Dean Frandsen conferred with Department Heads, Penn State University and Juniata College concerning AGEP, July 11-16, 2001, in State College and Huntingdon, PA.

Interim Dean Frandsen, Associate Dean Meize-Grochowshi, and Mariana Ibanez attended meetings of the New Mexico Council of Graduate Deans, July 31, October 24, December 10, 2001, and March 8, 2002, in Socorro, NM, and September 11, 2001, and April 25, 2002, in Las Cruces, NM.

Interim Dean Frandsen and Program Coordinator Kersti Tyson attended a meeting of the NM-AGEP Council, August 22, 2001, in Las Cruces, NM; and November 9, 2001, in Socorro, NM.

Interim Dean Frandsen and Program Coordinator Kersti Tyson attended the annual AGEP conference September 11-12, 2001, in Las Cruces, NM.

Katherine Vazquez attended Graduate Fairs, October 2-4, 2001, held at New Mexico State University, Las Cruces, NM; and the University of Texas, El Paso, TX.

Interim Dean Frandsen attended the annual convention of the National Communication Association, November 1-4, 2001, Atlanta, GA.

Interim Dean Frandsen attended the annual meeting of the Council of Graduate Schools, December 5-8, 2001, in San Diego, CA.

AGEP Program Manager Carol Brandt attended the 21st Century Biology: Genomics and Molecular Biology conference, January 18-19, 2002, at the University of New Mexico, sponsored by the NIH-funded Southwest Graduate Coalition.

Interim Dean Frandsen and Program Manager Carol Brandt attended a meeting of the NM-AGEP Council, February 14, 2002, in Albuquerque, NM.

AGEP Program Manager Carol Brandt attended the Texas Regional McNair Conference in Denton, TX, hosted by the University of North Texas McNair Program, on February 23-24, 2002.

AGEP Program Manager Carol Brandt attended the NM Higher Education Assessment and Retention Conference in Albuquerque, NM, sponsored by the NM Commission of Higher Education on February 28-March 1, 2002.

Interim Dean Frandsen, Associate Dean Meize-Grochowski, and Mariana Ibanez attended the annual meeting of the Western Association of Graduate Schools, February 28-March 2, 2002, in Seattle, WA.

Interim Dean Frandsen attended the annual convention of the Western States Communication Association, March 2-5, 2002, in Long Beach, CA.

Interim Dean Frandsen and Program Manager Carol Brandt attended a meeting of Diversity-focused Programs, Human Resource Development, National Science Foundation, March 24-26, 2002, in Washington, DC.

AGEP Program Manager Carol Brandt attended the National Association for Research in Science Teaching in New Orleans, LA, on April 6-10, 2002.

AGEP Program Manager Carol Brandt attended the 12th Annual California Forum for Diversity in Graduate Education in Santa Cruz, CA, hosted by the University of California at Santa Cruz, on April 13th, 2002.

AGEP Program Manager Carol Brandt attended the Western Name Exchange meeting in Santa Cruz, CA, on April 14, 2002.

Interim Dean Frandsen attended the Communication and Culture Conference sponsored and hosted by the UNM Department of Communication and Journalism, May 24-26, 2002, in Albuquerque, NM.

May 30-June 1, 2002, Kim Summers attended the Fifth International Symposium on electronic Theses and Dissertations, sponsored by Brigham Young University and the Networked Digital Library of Theses and Dissertations (NDLTD).

Interim Dean Frandsen attended the annual conference of the Rocky Mountain Deans, June 13-15, 2002, in Sedona, AZ.

SIGNIFICANT PLANS FOR THE FUTURE

1. In conjunction with the Senate Graduate Committee, complete the external reviews of the graduate units scheduled for review during the 2002-2003 academic year.

2. In conjunction with the Senate Graduate Committee revise policies related to graduate education and submit to the Faculty Senate.

3. Prepare copy concerning graduate studies for the 2003-2005 UNM Catalog.

4. Encourage implementation of recommendations appearing in external reviews of graduate units and programs.

5. Select and forward nominations for the Western Association of Graduate Schools Outstanding Thesis Award and the Council of Graduate Studies Outstanding Dissertation Award.

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2001 – 2002

ANNUAL REPORT

OFFICE OF THE REGISTRAR

Kathleen F. Sena
Registrar

MISSION STATEMENT

REGISTRAR

The mission of the Office of the Registrar is to compile, maintain, and disseminate accurate academic information for all students currently and formerly enrolled. We facilitate student enrollment, retention and degree completion in compliance with academic and administrative policies and procedures of the University of New Mexico.

REGISTRAR'S OFFICE FUNCTIONS

Athletic Admission and Eligibility

Branch Coordination

CHE Data Coordination/Reporting

Enrollment Certifications

Enrollment Reporting

FERPA/Student Right-to-Know/ADA

Grade Processing

Graduation Verification and Diploma Preparation

I-TEL-UNM Systems

LOBO Card

New Mexico Residency for In-State Tuition Purposes

PC Systems Enhancement and Maintenance

PROGRESS- Degree Audit

Registration

Schedule of Classes Classroom Scheduling &
Special Events Scheduling

Staff Development, Training and Recognition

Student Information Resource

Surveys & Questionnaires &
Special Request Programming

Transcripts (Official and Unofficial/Advisement)

University of Albuquerque Transcripts

University Catalog and Curriculum Management

Veteran's Affairs Office

SIGNIFCANT DEVELOPMENTS – 2001 – 2002

Athletic Admissions:

During Fall 2001 and Spring 2002, 612 student athletes were certified to compete. During the same time period 320 student athletes were admitted. (Breakdown available in Appendix.)

The office is utilizing the NCAA compliance software for certification purposes.

The Office of Admissions has trained Kaari Zamora on the new admissions document imaging process and Keyfile.

Kaari assisted University Advisement with new student advisement during the summer orientation programs. She worked with the Office of Admissions with their high school on-site admissions program. She provided assistance to the Office of Admissions with processing and admitting beginning freshman.

Branches:

Implemented ideas and processes that were identified from the Provost Office sponsored Branch Campus Retreat.

Continued to meet on a regular basis with Branch Campus Registrars and Admissions staffs to discuss current issues, and provide solutions for branch campus processes and students.

Catalog & Curriculum:

Constance Upton assumed the responsibility of managing the various curriculum forms from main campus and branch campus academic units as they are received in the office after final approval. She has become the primary contact for curriculum questions.

A tracking system on the Registrar's Office share drive has been set up. This has enabled staff to track curriculum forms as they progress through the process.

This area of the office reassumed the responsibilities of preparing the Schedule of Classes for print.

Discussion continued to attempt to find processes or software to help the curriculum flow be less time consuming and difficult to manage.

Classroom Scheduling and Maintenance:

Operations manual for the Scheduling Office updated and being used as a training resource for staff in this area.

Scheduling Information Packet expanded and improved and made available on the web.

All applicable forms were made available on the web for academic departments.

Reduced paper reports.

Input all related course information for the Schedule of Classes publication, in the scheduling dialog of the Student Information System.

Expanded collaboration efforts with in the organization and with various departments on campus to enhance the information presented in the Schedule of Classes.

Assisted with the preparation of the Summer in the Southwest Schedule of Classes.

Improved and presented the annual Scheduling Information Workshop for academic and affiliated units in August 2001.

Completed hiring process for Scheduling Coordinator.

Daily Activities and Operations:

Work groups continued to work on topic areas that were developed from the one-day office retreat held in the previous reporting year.

Continued to maintain personnel computer station upgrades.

Purchased necessary office equipment to provide better services to staff and customers.

Encouraged staff to take advantage of educational opportunities to further educational goals for professional growth and development.

Encouraged staff to participate in state, regional and national organizations affiliated with their areas of responsibility.

Began initial discussions and planning process to incorporate information sessions as part of the staff development activities within the organization.

Maintained appropriate staffing levels to provide necessary services to our various constituencies.

Reorganized reporting structure for several units within organization to report to different Associate Registrars. Alec Reber began career ladder to move into an Associate Registrar position.

Graduation:

Worked with University Secretary to get Form A on line.

Generated approximately 3,000 diplomas.

Worked closely with PROGRESS staff to increase effectiveness and timeliness of degree confirmation process.

Worked closely with advisors in various colleges to resolve degree discrepancies.

I-TEL-UNM:

Continued to provide nearly 24/7 access to system.
Including over 384,000 telephone and an estimated 1,640,000 web transactions. This represents a 32 % increase in total transactions, a further 13% decrease in telephone transactions and a 49% increase in the number of transactions handled via the web. (See Appendix for further details)

Successfully moved the I-TEL-UNM hardware to CIRT, including upgrading the telephony system to digital service.

Began training CIRT staff on supporting and developing the I-TEL-UNM applications.

Added ability for student to request and email copy or view the PROGRESS reports on line, including Transfer Credit Evaluation. Over 21,000 reports were viewed this academic year.

Continued to provide the Closed Course/Opt Out reports on line for enrollment management.

Completed development of web based credit card payments with CIRT staff.

Lobo Card:

Incorporated Adjunct Faculty database for library access.

Produced cards for Research Park residents specific to Department of Defense tenants.

Produced white paper for administrators regarding card technologies.

Worked with Parking Services to provide card readers for easier access to student and employee records.

Migrated legacy VMS system to Windows 2000 platform in cooperation with CIRT, including the establishment of improved maintenance agreements with local vendor.

Access Control: worked with Alarms and HSC Lock Technologies on card access at the Cancer and Animal Research Facilities; teamed on implementation of prox card technology at various facilities such as Financial Aid, Fine Arts Centers, etc.

Consolidated reporting structure under the Office of the Registrar.

Participated in Student Advantage consultant engagement.

PROGRESS – Degree Audit:

Completed curriculum changes to degree requirements for the 2001-2003 University Catalog.

Continued regular meetings with Arts and Sciences and various departments to update and review degree requirements to keep PROGRESS updated.

Processed degree checks for university graduation requirements and Core Curriculum requirements monitored by the Office of the Registrar.

Continued to work with the College of Education to encode additional academic programs.

Completed hire for one of the Degree Audit Analyst positions.

Began preliminary work on a degree exception process manual to be utilized by academic advisors.

Began reviewing degree requirements and encoding programs for the College of Fine Arts and the School of Architecture and Planning.

Participated in Advisors Council and monthly Advisor Network group meetings to provide updates on status of PROGRESS.

Records and Registration:

Actively supported Faculty Senate Admissions and Registration sub-committee for Grade Petitions.

Trained personnel on Records Verification process. All Student Records Clerks who process transcript requests verify off line records associated with their assignment of the alphabet. They also assist the Records Supervisor with additional off line verifications as time permits.
Purchased Hershey Business Systems Document Scanning software. Developed plan of action to scan several thousand off line student academic records. Quality control of records shipped to vendor did not meet organization standards. Revamped plan of action to scan records in-house. Vendor software enhancements to upgrade other UNM units utilizing resource caused delay in office project.

Continue to implement on line applications of necessary documents for students, including enrollment certifications. Request form for official and unofficial transcript made available via the web.

Continued collaborative effort within the office to enhance the Registrar Office home page.

Continued to improve and enhance available training materials and manuals.

Began discussions and computer screen designs to implement instructor web classlist and web grades applications.

Residency:

Approximately 500 petitions for in-state tuition residency were processed for the Fall and Spring semesters.

Implemented web-based residency information page along with all applicable forms.

Met with staff from the Commission on Higher Education for clarification on residency policies and issues.

Statistics:

CHE Reporting – CHE reporting was completed in a timely fashion, for the Main Campus and each of the branches, for the summer, fall and spring semesters. The office modified the programs that create the CHE files. The CHE Reporting Operations Manual is a work in continual progress, and is in a usable form at this time. The office also conducted on-site enrollment verification visits to each UNM branch in Summer 2001. These visits will help prepare the branches for the actual CHE Enrollment Verification in 2003.

IPEDS reports, to the Department of Education, were completed and transmitted to the National Center for Educational Statistics in the Fall.

NCAA/GRS reporting – The NCAA graduation survey was completed in Spring 2002. The six-year graduation rate for full-time, first-time baccalaureate degree-seeking students who began in Fall 1995 at UNM was 44%. For student-athletes alone the graduation rate was 48%. NCAA reporting documentation completed.

The office participated in the Enrollment Management Team, the Rapid Response Team, the SIS Re-engineering Committee, the CHE Transfer Audit Task Force, and the CHE Enrollment Verification of New Mexico Highlands University and at New Mexico State University. The office was also very involved in the development of the data warehouse.

The Official Enrollment Report for the University was created for the Summer, Fall and Spring semesters. The report includes data for the Main Campus, branches, and the grad centers, and also includes an annual "degrees awarded" report. The report was posted on web for the Fall and Spring semesters. The report was posted in pdf format as well, for ease of printing.

Transfer tracking reports were created, performance effectiveness reports were made, and numerous major listings were completed throughout the academic year.

The office completed or provided information for several major college questionnaires, including US News, The College Board, and Peterson's.

More requests for SIS access, and renewed interest in FERPA issues, marked the 2001-2002 year in the office. Coordinated SIS training in 2002.

Ad hoc requests for data have increased in number and complexity, over the past year. These requests were from students, staff, faculty, and administrators of the University. Requests also came from private companies, government agencies, and from private citizens.

Veterans Affairs:

The Veterans Office training manual was completed.

485 students were certified for VA educational benefits.

The activities of the Veterans Office are strictly monitored by the Veterans Administration. Federal regulations concerning VA educational benefits are rigid. VA audits on student files are conducted annually – designed to target federal regulation infractions as they apply to VA educational assistance. In-depth audits are conducted once every three years, with the next one scheduled in 2003.

GOALS FOR 2002-2003

Athletic Admissions:

To comprehend and utilize the ad hoc reporting tools available on the NCAA Compliance software.

Train on STARRSU document imaging software with Office of Admissions.

Catalog and Curriculum:

Publish 2003-2005 University Catalog.

Finish review of automated on line curriculum process. Develop and implement plan of action for such process.

Provide training for academic departments in areas related to curriculum and catalog processes and procedures.

Classroom Scheduling and Maintenance:

Finish room inventory for classrooms controlled by Office of the Registrar.

Finish room inventory for classrooms controlled by various academic units.

Finalize implementation of Schedule 25/Resource 25.

Improve scheduling information sessions provided for academic units. Make training web available.

Explore possibilities for simplifying the on line scheduling environment.

Analyze and develop plan of action and policies for academic units to be able to update instructor field in scheduling system.

Daily Functions and Applications:

Continue to provide software and hardware support as needed to maintain systems and workstations for all staff members.

Maintain full staffing for all positions within office.

Encourage all office personnel to participate in educational or professional development opportunities.

Will provide staff development information sessions from other areas or units we interact with on a regular monthly basis.

Continue to improve student services by reviewing processing time for necessary documents and utilizing technology to provide necessary information.

Where and when applicable participate in SCT Banner Student Systems implementation.

Define entry level staff training for new staff to the organization.

Graduation:

Finalize implementation of Form A for students on the web.

Complete review and update of Graduation procedure manual.

Analyze and implement a plan to have Thesis and Dissertation titles uploaded to student information system automatically.

Decrease internal turn around time for degree verification and diploma production.

I-TEL-UNM:

Implement web based credit card payment for student through I-TEL-UNM.

Continue working with CIRT to implement additional on line document requests.

Complete transition of personnel support for CIRT to assume full responsibility of maintaining and enhancing I-TEL-UNM.

Lobo Card:

Implement access control for CIRT building and new Child Care Facility with the assistance of Alarms and University Police.

Move primary system hardware to the CIRT building to provide better physical and network security.

Work with university departments to implement a declining balance application using the Lobo Card.

PROGRESS- Degree Audit:

Update and complete curriculum changes to degree requirements for the 2003-2005 University Catalog.

Continue to train and assist academic advisors with PROGRESS.

Introduce Degree Exception Processing manual to be utilized by academic advisors at the college/school level. Train all academic advisors to utilize degree audit exception process as applicable and appropriate.

Complete coding degree programs for College of Education and Fine Arts.

Continue to participate in Advisor's Council and monthly Advisor's meeting to provide updates on status of PROGRESS.

Records:

Implement Web Classlist and Web Grades for faculty at all campuses.

Fast track document imaging project to have 300,000 student academic records scanned and indexed by June 2003.

Continue off line record verification process to complete through the letter E.

Finish folder deletion project for student admission folders five years old and later.

Registration:

Rollout FERPA training to academic and business units across campus, with a special emphasis on faculty.

Coordinate with Admission's and other Student Services Center offices, to provide consistent and accurate information to students attempting to navigate the UNM system.

Provide Schedule of Classes on line with assistance from CIRT staff, updated nightly instead of weekly for all campuses.

Statistics:

CHE Reporting Operations Manual to be expanded and improved.

Documentation of the IPEDS reporting procedures will continued to be improved.

The Business Security Administration process will be streamlined, and newly designed forms will be put on the web.

The Official Enrollment Report will be expanded, with more graphical presentations included. More graphics will be incorporated on the web version.

Continue to utilize the web for posting statistical reports, user forms, and contact information.

SIS training for UNM staff and faculty will continue.

Veteran Affairs:

Arrange and review student files/and records in good comprehensive order to ensure a smooth transition with the impending retirement of key unit personnel.

Provide constructive and intense training to immediate supervisor regarding office functions to prepare for personnel transition.

Continue careful maintenance of student files, complying with all federal regulations

Continue to be available and responsive to eligible students on a daily basis, ensuring the timely receipt of VA educational monies.

Miscellaneous:

Host RMACRAO 2002-Celebrating 25 years in Angel Fire, NM, July 16 – 19.

Finish training and information packets for university faculty and staff seeking access to Student Information System.

Complete review and update of all existing training manuals.

Develop training manuals for areas that do not currently exist.

REGISTRAR'S OFFICE PERSONNEL CHANGES, FY2001-02

HIRED:

Date	Name	Title
08/27/01	Campos, A.	Student Records Clerk
08/27/01	Garcia, S.	Student Records Clerk
08/27/01	Kuenzler, S.	Student Records Clerk
10/22/01	Resener, K.	Student Records Clerk
12/03/01	Hynson, T.	Supv, Student Records
02/11/02	Baca, E.	Admin Assistant I
02/21/02	Barber, E.	Student Records Clerk
02/21/02	Jackson, A.	Student Records Clerk

PROMOTED/RECLASSIFIED WITHIN REGISTRAR'S OFFICE:

Date	Name	Title
08/25/01	Ramirez, P.	Coord, Registration to Supv, Student Records
10/01/01	Ramirez, P.	Supv, Student Records to Coord, Scheduling
12/31/01	Nelson, S.	Admin Assistant I to Admin Assistant II
03/23/02	Torres, A.	Admin Assistant II to Degree Audit Analyst

TRANSFERRED/PROMOTED ELSEWHERE AT UNM:

Date	Name	Title
07/07/01	Garcia, J.	Admin Assistant II
01/10/02	Matic, J.	Student Records Clerk

TERMINATED:

Date	Name	Title
07/27/01	Winters, L.	Coord, Scheduling
08/03/01	Etsitty, R.	Student Records Clerk
10/29/01	Campos, A.	Student Records Clerk
11/26/01	Roger, C.	Systems Analyst II
03/29/02	Gonzalez, M.	Student Records Clerk
04/05/02	Barber, E.	Student Records Clerk
05/06/02	Resener, K.	Student Records Clerk

PROFESSIONAL ACTIVITIES

Rose Bennett – Associate Registrar

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001
AACRAO Annual Meeting – Minneapolis, Minnesota – April 2002
DARS Users Conference – Oxford, Ohio – June 2002

Training:
Basic Management Training (through Anderson Schools of Management) – Fall 2001
Employee Training workshop – November 2001
Performance Review workshop – December 2001
Non-Traditional Student Program – January 2002

Committees:
Academic Advisors Council
Academic Advisors Network Group

Carolyn Cantley – Administrative Assistant II

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001

Training:
Purchasing Policies and Procedures – February 2002

Committees:
Hiring committee for Student Records Clerk positions

Minerva Carrera – Lobo Card Office Manager

NAACU Annual Conference – Reno, Nevada – February 2002

Catherine Chavez – Student Records Supervisor

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001

Jep Choate – Associate Registrar

AIR – Toronto, Canada – June 2002
NMACRAO – Taos, New Mexico 2002 Served as president-elect for 2001-2002.

Savanna Garcia – Student Records Clerk

NMACRAO – Taos, New Mexico – June 2002

Lois Griesbaum – Analyst Programmer II

NM Higher Education Assessment Conference – Albuquerque, New Mexico – February 2002

NMAIRP – Albuquerque – March 2002
AIR – Toronto, Canada – June 2002

Committee:
Student System Reengineering Team

Todd Hynson – Student Records Supervisor

NMACRAO – Taos, New Mexico – June 2002

Amelia Jackson – Student Records Clerk

NMACRAO – Taos, New Mexico – June 2002

Darlene Lucero – Associate Registrar

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001
AACRAO Annual Meeting – Minneapolis, Minnesota – April 2002

Committees:
Campus Crawl Planning Committee
Student System Reengineering Team
Faculty Senate Curriculum Committee
NCAA Committee on Athletics Certification

Sandy McCloud – Student Records Clerk

Training:
Stress Management – May 2002

Patricia Ramirez – Scheduling Coordinator

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001

Alec Reber – Analyst Programmer III (Moving through career ladder process to Associate Registrar for FERPA, Registration, Veteran Affairs and User Support)

Training:
EPOS web based applications – February 2002

Committees:
Student Area Coordinators

Kaye Reeves – Student Records Supervisor

DARS Encoder Workshop – September 2001
DARS On line course – December 2001

Training:
Project Management – August 2001
Communication in the Workplace – August 2001

Reyna Rubio – Administrative Assistant II

Training:
Corporate Time - April 2002
Mulberry II - April 2002
Purchasing and Accounts Payable Policy – April 2002

Kathleen F. Sena – Registrar

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001
NAACU Annual Conference – Reno, Nevada – February 2002
AACRAO Annual Meeting – Minneapolis, Minnesota – April 2002
NMACRAO Annual Meeting – Taos, New Mexico – June 2002
RMACRAO President-Elect – July 2001 – 2002
AACRAO Technology and Information Committee member – April 2002 – 2003

Training:
Basic Management Training (through Anderson Schools of Management) – Spring 2002

Committees:
Student Systems Reengineering Executive Committee
Enrollment Management
Student Area Coordinators
Academic Advisors Council
Management – Union Negotiation Team
Branch Campus Registrar and Admissions Group

Annette Torres – Degree Audit Analyst

DARS Encoder I Workshop – Oxford, Ohio - September 2001
DARS On line course – December 2001
NACADA Regional Conference – Albuquerque, New Mexico – March 2002
DARS Users Conference – Oxford, Ohio – June 2002

Constance Upton: - Publication Specialist

RMACRAO Annual Meeting – Grand Junction, Colorado – July 2001

Glendora Utton – Analyst Programmer II

NM Higher Education Assessment Conference – Albuquerque, New Mexico – February 2002

NMAIRP – Albuquerque, New Mexico – March 2002
CUMREC – Minneapolis, Minnesota – May 2002

Kaari Zamora – Athletic Admissions Officer

NACADA Regional Conference – Albuquerque, New Mexico – March 2002
NCAA Compliance Seminar – Atlanta, Georgia – May 2002

Training:
FERPA – March 2002

APPENDIX

Residency – for in-state tuition purposes information

Fall 2001 (Petitions Processed)

Approved	346
Appealed	4
Denied	0
Branch Approved	14
Not processed	3

Spring 2002 (Petitions Processed)

Approved	125
Appealed	1
Denied	1
Branch Approved	7
Not Processed	4

Academic Renewal Petitions processed 147

Grade Replacement Requests processed 2,441

Grade Petition Requests processed	81
Approved	37
Denied	17
Partials	7

University of New Mexico Transcript Requests processed

Official	38,713
Unofficial	62,234

University of Albuquerque Transcript Requests processed

Official	569
Unofficial (we do not provide unofficial)	

Student Athletes Certified

MEN		WOMEN	
Baseball	40	Basketball	12
Basketball	15	Cross Country	16
Cross Country	24	Golf	7
Football	122	Skiing	12
Golf	15	Soccer	26
Skiing	11	Softball	17
Soccer	30	Swimming	20
Tennis	11	Tennis	9
Indoor Track	64	Indoor Track	41
Outdoor Track	66	Outdoor Track	41
		Volleyball	13

The University of New Mexico
Office of the Registrar
Annual Report 2001-2002

I-TEL-UNM Transaction counts from 20010701 to 20020630:

CODES	ALL	WEB	% Web	DESCRIPTION
START	2,025,354	1,640,910	81%	Requests handled **
First menu options:				
F-1	332,228	-	0%	Main Menu
F-2	7,118	-	0%	Tuition Rates (F-2/B-1)
F-3	14,111	-	0%	Credit Card Payment (F-3/B-3)
F-4	100,725	85,953	85%	Admissions Status
F-5	145,623	125,097	86%	Financial Aid Status
F-6	525	-	0%	Special Use (GPSA Election)
FA1	20,111	-	0%	Financial Aid: Year Status
FA2	1,542	-	0%	Financial Aid: General Info
Main menu options:				
M-1	168,687	-	0%	Registration Menu
M-2	18,647	-	0%	Earned Hours
M-3	54,077	-	0%	Bursar's Menu
M-4	586,166	464,747	79%	Grade Inquiry
M-5	34,479	25,067	73%	Change PIN
M-6	69,181	63,336	92%	Check Holds
M-7	7,376	-	0%	Check Course Status (M-7/R-6)
Registration menu options:				
R-1	468,691	361,434	77%	Add Courses
R-2	53,195	19,298	36%	Drop Courses
R-3	3,938	1,767	45%	Change Grade Options
R-4	5,689	4,406	77%	Change Variable Hours
R-5	349,639	286,423	82%	Schedule Verification
R-6	202,020	189,043	94%	Check Course Status (M-7/R-6)
R-7	9,037	6,588	73%	UNM Withdrawal
Registration transactions:				
ADD	608,225	408,652	67%	Courses Add attempts
DROP	107,136	94,680	88%	Courses Drop attempts
CHGRD	5,779	4,817	83%	Courses change attempts: Grade Option
CHVAR	10,902	4,329	40%	Courses change attempts: Variable Hours
WITH	15,972	12,235	77%	Completed UNM Withdrawals
Total	*748,014*	*524,713*	*70%*	*Total Registration transactions*
Bursar menu options:				
B-1	4,171	-	0%	Tuition Rates (F-2/B-1)
B-2	251,160	231,128	92%	Accounts Receivable Information
B-3	5,944	-	0%	Credit Card Payment (F-3/B-3)
Web only transactions:				
W-1M	496	496	100%	PROGRESS: Email request
W-1N	-	-	-	PROGRESS: New What-if
W-1S	41,972	41,972	100%	PROGRESS: Select existing
W-1V	21,384	21,384	100%	PROGRESS: View existing
W-2R	-	-	-	Transcript: View Unofficial
W-2V	27	27	100%	Transcript: Request Unofficial
Total	*63,879*	*63,879*	100%	

** The number of requests, or phone call equivalents, handled by the web is estimated using the following:

574,678	Total transactions handled by phone
384,444	divided by the number of student phone calls
1.49	yields the average number of transactions/student phone call
2,452,879	and the total transactions done on the web divided by this yields the
1,640,910	**Estimated number of student web transactions (equivalent to a phone call)**

The University of New Mexico

University College
Student Services Center, Room 261
Albuquerque, NM 87131-2039
Telephone (505) 277-9302
FAX (505) 277-3942

UNIVERSITY COLLEGE REPORT

Peter White

The Role of University College: The recent series of articles in the Albuquerque Journal on the supposedly oppositional teaching and research missions of UNM, issued not two weeks after the departure of Bill Gordon (who defined his presidency by improving undergraduate education), underscores the important role that University College now especially plays in the debate about the current and future shape of this flagship, research institution. Following the Carnegie Commission's persuasive argument that research can enhance undergraduate education, University College seeks to be an advocate for the realization of the multiple promises of this rising university. University College's everyday work is at the heart of the issue of the university's mission: how will we rationally decide upon admission policies and access for diversity; how will we recruit, advise, and support students in their years of greatest academic and financial vulnerability; how will we guarantee that resources will be identified and the planning will take place to provide a sound educational experience in the students' first two years; and how will we prepare beginning students for success and movement into the other degree granting colleges of UNM.

How Critical is UC's Mission? To a certain extent, what happens in University College in the next few years will determine whether there is ample justification for following the path UNM has historically chosen, one marked by opportunity and access rather than selectivity. The major academic components of University College have to continue to show some tangible results. We have to demonstrate that we can place incoming students into the proper classes, that the 1000 students in each Freshman class who need Basic Skills classes can pass succeeding classes, that the new initiatives (Freshman Learning Communities, Freshman Interest Groups, and Living and Learning Communities) help students to make the transition to UNM and therefore improve our retention rates, and that our Honors Program attracts the best students and offers them a stimulating and rewarding academic experience. University College has to continue to work cooperatively with the Division of Student Affairs as we address both cognitive and non-cognitive aspects of student development and success. Additionally, University College's fledgling Summer Academy needs to attract the highest achieving students in New Mexico, and very importantly, the BUS degree needs to be made available statewide through the Extended University operation. Failure to make progress in these areas could prompt others to argue for increasingly elitist and selective approaches, and could provide a rationale for diverting students to the community and regional colleges, and finally could further erode an already weak instructional resource base. Finally, University College's Chicano and Native American Studies programs have to focus their mission and deliver the promise they hold for Southwestern Studies at UNM, a theme identified in the Strategic Plan.

How is University College Administratively Organized and Populated? Thanks to re-organization in Academic Affairs, University College reported to a full-time Academic Dean for the first time in 2000-2001. In its new configuration, University College became the administrative unit overseeing all 7,038 freshman and sophomores not yet officially enrolled in another degree granting college, approximately 900 Bachelor of University Studies majors, 1447 University Honors students, and several hundred students minoring in Native American Studies and Chicano Studies, as well as about 40 graduate students enrolled in the Master's of Water Resources Program.

Credit Hour Production: Due to aggressive recruitment and the bridge and lottery scholarship, University College oversees increasingly large Freshman classes, expanding from 1660 first-year students in 1996 to 2800 in 2002. While a host of factors account for this increase, we believe that this year's Freshman class is, in part, almost 20% larger because of positive local media coverage and Freshman Academic Choices, a booklet mailed to the parents of all admitted students. In the Fall of 2001 almost exactly half of the Main Campus credit hours generated were at the Freshman and Sophomore level (about 131,000), though by weighted credit hour production upper division and graduate hours outpace lower-division at the rate of four to one. The 7,038 students currently enrolled in University College represent a huge challenge to orient and register, to advise on an ongoing basis (with only six fulltime advisors), to properly place in developmental classes (with student credit hours in Introductory Studies courses doubling since 1995), and to place on the Dean's list or on probation or suspension, among other responsibilities.

University College's interdisciplinary academic programs have increased credit hour production since 1995 by 2000 hours, or 50%. Chicano Studies credit hours have risen 400% since 1997. Native American Studies hours are rising again after a slump several years ago, and Honors will rise dramatically beginning this Fall because the Honors Program attracted nearly 350 Freshman, 200 more than any previous first-year class. The University Honors Program now has 1447 enrolled students, up nearly 400 in the last three years.

Freshman Performance: The Office of Institutional Research has produced a Freshman Fact Book to help us study the short and long-term effects of our new "Freshman Experience" Programs. Though an initial study from OIR did not show any statistically significant effect on retention from the various forms of Freshman Learning Communities, our programs are quite new and in their first two years enrolled a relatively small number of students: 76 in 2000 and 349 in 2001. A second study of retention factors to be conducted this fall may show a positive correlation. This coming year nearly 1000 students will participate in a Freshman initiative—either the Freshman Learning Communities, or the Freshman Interest Groups, or the Living and Learning Communities. Three years ago Freshman retention stood at 69. 3% and this year is 75.4%. Of course, a wide variety of factors influence this figure, and people across campus in every division have been dedicated to working on this challenge, thus helping

us to set the highest third-semester retention rate in UNM's history. Thanks to the Deans' efforts to increase pass rates in "gateway" courses, and thanks to better initial advisement and the FLC's, the first-semester gpa for freshman has risen from 2.57 three years ago to 2.84 last year. This year 70% of the eligible Freshman received the lottery scholarship, up from 53% four years ago. These factors are the most crucial in assuring Freshman success and retention, one of the major goals of the Strategic Plan.

With nineteen Freshman Learning Communities and twenty Freshman Interest Groups scheduled for this fall, we hope to be able to maintain this year's retention rate despite the large class size and the lowered standard for the Bridge scholarship. In the long run, the Summer Academy, a vigorous Honors Program, freshman experience programs, the psychological effect of increased retention rates, and wisely invested scholarship money can all help to attract more highly qualified and prepared students. Success will breed success. Intelligent enrollment management is the best method of improving the quality and retention of our first-year class.

Issues for Concern in University College:

1. While lower-division enrollments have increased since 1995, tenured, tenure-track, temporary and adjunct faculty numbers have noticeably decreased in number. How can we continue to provide a sound academic curriculum with fewer and fewer faculty?

2. While we have made some progress in pass/fail rates in some classes, many of our "gateway" courses remain obstacles to progress toward the degree, particularly in math and science. We need to make a concerted campus-wide effort to look into different teaching methodologies and structures, different funding opportunities, and greater use of instructional technology.

3. While the Freshman Experience we have designed and implemented may be effective in helping students make the first-semester transition to UNM, University College would like to offer second semester and second-year programs, perhaps by coordinating "Service Learning Communities," thus connecting our students to the urban community, to one another, and to the University in general. This is another way in which we can fulfill the Strategic Plan.

4. We need to continue to try to improve advising across campus and give our students consistent advice.

The State, Role, and Future of Interdisciplinary Programs in University College:

Honors: Honors hired another fulltime tenure track faculty member last year and recruited over 325 first-year students for the program, a huge gain in enrollment. The Honors program needs to have further discussions about their courses and the UNM Core

Curriculum, about making closer connections with faculty in other colleges, and about continuing the UNM Summer Academy of Excellence. The recent growth in Honors will require additional resources.

Native American Studies: NAS has a new Director and has hired two new tenure track faculty thorough joint appointments with Arts and Sciences and Fine Arts. These inter-collegiate faculty members, working in conjunction with continuing faculty in NAS and with the several other Native American faculty hires in Arts and Sciences and Education, have already begun redesigning the curriculum in NAS to sharpen the focus of the minor and create a major, an offering long-awaited by many on campus.

Chicano Studies: This summer, fifteen faculty from across campus agreed to serve on a steering committee to consider the role and direction of Chicano Studies at UNM. The program is directed by a tenured faculty member who co-ordinates course offerings campus-wide and who oversees two fulltime lecturers whose salaries are paid for by the Center for Regional Studies. The newly appointed steering committee will look at the curriculum in the minor, consider the feasibility of hiring tenure-track faculty, and outline the program's relationship to the Southwest Hispanic Research Center.

BUS Program: There are currently 910 BUS majors enrolled at UNM. We graduated 192 BUS students last year, ranking that degree as the 5th most frequently awarded undergraduate degree at UNM. University College needs to continue to work with Arts and Sciences and with the Extended University and Branch Campuses to provide the coursework necessary for the BUS. Thanks to support from the Extended University, BUS was able to add another professional advisor so that our senior advisor in BUS has time to train Branch advisors about the new and more focused requirements for the degree.

Conclusion: The goal of University College is to work with the other colleges to make UNM a model research university in which diversity, academic quality, and success are realized. In the future, other research universities may come to us for answers on how to balance these sometimes competing notions.

UNIVERSITY HONORS PROGRAM
ANNUAL REPORT
2001-2002

THE UNIVERSITY OF NEW MEXICO
UNIVERSITY HONORS PROGRAM
ANNUAL REPORT
2001-2002

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UNIVERSITY HONORS PROGRAM
ANNUAL REPORT
JULY 1, 2001 TO JUNE 30, 2002

DIRECTOR'S REPORT
by Rosalie C. Otero

In the summer the Honors Program offered three of its most popular programs, *Conexiones* in Mexico, the Australia Biodiversity program, and Sacred Sites. The *Conexiones* Program took a different track than in previous years. Nineteen students studied in La Barranca del Cobre area rather than the traditional city of Morelia. The program was supported with funding from the Southwest Hispanic Research Institute, which provided eight scholarships as well as the Department of Spanish & Portuguese. Additional support was provided by Academic Affairs, UNM International Programs, and the Iberian/Latin American Institute. Drs. Michael Thomas and Enrique Lamadrid directed the program, with Charles Lacy-Martinez, a senior in Honors and Ivonne Flores, a McNair Research Opportunity Program student, as assistants. Miguel Jurado, under the auspices of *Méjico Norte*, served as the program wilderness guide.

The program, structured as an expedition, was an interesting combination of tight structure and planning on the one hand, and serendipity and engagement with the unexpected on the other. Students began their studies on July 3, 2001, in New Mexico by exploring Bandelier as a trial run for the rigorous work that would be expected in La Barranca del Cobre. They visited and studied in Creel, the Tomachic Caldera, Basaceachic, the Cuscarere caves, Satevó, Cerro Colorado and other sites in the Batopilas neighborhood. Besides studying cultural anthropology, geology, history, and ecology, students also studied Spanish.

On October 5, students chosen for having uniformly excellent work in all aspects of the program participated in an awards ceremony and colloquium, making formal public presentations based on their research and experiences during *Conexiones* 2001. This was the first *Conexiones* Program that combined wilderness features with an international setting. Although students often faced extraordinary hazards, inclement weather, and more rigorous challenges, their response to the experience was overwhelmingly positive. A complete list of student presentations can be found in **Appendix I.**

The Biodiversity Program in Australia, directed by Dr. Ursula Shepherd and primarily funded by a grant from the National Science Foundation, was again very successful. Dr. Joshua Leffler and Ms. Anna Gahl served as assistants. Twelve students (which is the number imposed by NSF) studied biological diversity in Australia. Students visited subtropical rainforests, tropical savannas and tropical wetlands at Darwin and Kakadu National Park, the Great Barrier Reef on secluded Lizard Island, and the tropical rainforest of Cape Tribulation National Park. At each location, students

studied local approaches to conservation and preservation. Upon returning to UNM, students presented their research findings in a public forum. A complete list of the students and their topics can be found in **Appendix I.**

Eight students participated in the Sacred Sites Program directed by Dr. Ned O'Malia. Maria Griego served as Dr.O'Malia's teaching assistant. The program is an intense, field-based experiential seminar. Students explored spiritual, cultural, and philosophical traditions of northern New Mexico. They resided in Taos at a spiritual community (Lama Foundation) and in Abiquiu (Ghost Ranch). They also visited other sites including Kagyu Shenpen Kunchab Tibetan Temple, Santuario de Chimayo, Monastery of Christ in the Desert, Shrine to the Feminine, Dar al-Islam Village, Sikh Community, Neem Karoli Baba Ashram, Herman Rednick Institute, Taos Pueblo, museums and private sites of spiritual value. This program is often life-changing and certainly worthwhile to the participants.

Unfortunately, soon after the beginning of the semester, terrorists attacked New York and Washington, D.C. The tragedy of September 11 affected everyone. The Honors Program quickly organized "Attack on America" a special conversation with faculty and students about issues concerning the tragedy including terrorism and personal freedoms. We noticed that several students were listless and depressed and did not do as well in their courses. We had an unusual number of parents call with concerns about their student, especially those who were studying in other parts of the country or the world. We did our best to allay their fears and to support both the students and the parents through a very frightening and profoundly difficult time.

The Honors Program continued to experiment with and explore innovative opportunities for our Honors students. During the Fall semester, we offered a full semester *Conexiones* Program in Spain. The program was funded in part by the Spanish & Portuguese Department, Nasir Ahmed, Associate Provost of the Office for Research, and Tobias Duran, Director of the Center of Regional Studies. Dr. Celia Lopez-Chavez directed the program and Margo Chavez-Charles (adjunct faculty in Honors), Marcos Romero and Benito Quintana (graduate students in Spanish & Portuguese) taught some of the courses. The theme of the program was "Time, Space and Culture: the Spanish Experience." Twenty-one students explored various connections through classes and field-based research. The students lived with host families in Trujillo, Spain and attended classes at the Convento de la Coria, a four hundred year old building that has received European awards for its restoration. Students also traveled to Salamanca, Mérida, Albuquerque, Cácares, Guadalupe, Toledo, Avila, Segovia, Madrid, Granada, Sevilla, and Córdoba which was an integral part of the research and field explorations.

The students were able to complete a maximum of sixteen credit hours through the following choices: Intermediate Spanish (200-level); Topics of Spanish Culture (300-level); Spanish Literature (400-level); Time, Space, and Culture (six credit hours); From Gregorian Chant to Zarzuela: A Journey Through Spanish Music; and Between Tradition and Progress: the

Development of Contemporary Spanish Politics and Society. "Between Tradition and Progress" was a 300-level course but could also be a 400-level Colloquium for a select few students with an addition of a Service Learning component.

Dr. Diane Rawls and I were fortuitous to have been able to visit the students and faculty in Trujillo last November. Since the Program has had several years of success in Trujillo, especially through the support of Jaime de Salas, Director of Fundación Xavier de Salas, a private, non-profit organization which maintains the Convento and Museo de la Coria, I believed it was important to visit and, thereby, establish stronger connections between the Fundación and UNM. After our visit, I am convinced of the importance and mutually beneficial association between UNM and Trujillo. I now know that it is an ideal location for international study, and I hope that we can continue to support *Conexiones* Programs in Spain. Upon their return, students presented papers on topics pertaining to their major research work. A complete list of these presentations can be found in **Appendix I.**

In 2002, we also initiated a summer program for high school students. The Summer Academy of Excellence for outstanding high school students who had completed their junior year was made possible through the financial support of University College Dean, Peter White; the Office of the President; and from College of Pharmacy Dean William Hadley. The Academy was designed to attract the best and brightest local high school juniors and seniors to experience honors-level work.

In this first year, the Academy enrolled eight students. They took an Honors seminar, "Changing the Shape of Ourselves: Shaping the Changes in Our Future" co-taught by Ursula Shepherd, Leslie Donovan, Celia Lopez-Chavez and Ron Reichel. Students learned about Genetics and its role in changing the structure of life especially about such topics as cloning, genetic selection, and genomics. Dr. Donovan introduced ideas of human metamorphosis and its role in popular culture. Dr. Reichel led students into introspective discussions that examine the universe and our role in the grander scheme of the cosmos. Dr. Lopez-Chavez introduced students to issues centered on human rights. In addition to the class, students also participated in four weekly lectures. Dr. Chris Schultis, Professor of Music, spoke on "Walking, Listening and Necessity: the How of Why I Write Music." Dr. Mark Peceny, Professor of Political Science spoke about "September 11th and the Future of American Foreign Policy." Dr. Michael Zeilik, Professor of Astronomy addressed the "Astronomy in the Pueblo World: One Astronomer's View." Dr. Everett Rogers, Professor of Communications & Journalism spoke about "The Diffusion and Impacts of the Internet." A more detailed report and student data can be found in **Appendix M.**

Honors students continue to bring recognition and pride to the University of New Mexico. John Probasco was awarded a prestigious Rhodes Fellowship. John was a Regents' Scholar who majored in biochemistry. He received a Barry Goldwater Scholarship and a Harry S. Truman Fellowship and is the only UNM student who has received all three distinguished awards. Shree Chanchani, a Presidential Scholar majoring in biology and communications received a fellowship from the

National Institute of Health's National Cancer Institute. Joel Berger, a Presidential Scholar majoring in biology and French received a Ford Motor Company/Golden Key Scholarship. Elizabeth Peck and Stephanie Ford, both Regents' Scholar received a Phi Kappa Phi Study Abroad Fellowship. Beth will be studying Russian and Stephanie is studying in Australia. Sarah Hunt won a John & Abigail Adams Fellowship in education policy. Other awards and honors are listed in **Appendix C.**

Seventy-one students graduated with University Honors (11 in December and 60 in May) after completing the required twenty-one hours in the UHP and maintaining a minimum cumulative grade point average of 3.2. The seniors graduated from five different colleges (Anderson Schools, Arts & Sciences, Engineering, Fine Arts, and University). Eleven graduates were Regents' Scholars and nineteen were Presidential Scholars. Many of the seniors are members of Phi Eta Sigma, Blue Key, Mortar Board, Golden Key, Phi Kappa Phi, and Phi Beta Kappa honor societies. Most the students were employed and also volunteered their time and talents to assist various university and community organizations. The average cumulative grade point of the graduating seniors was 3.7 with twenty-nine students graduating with a 3.8 or better. Geographically, forty-six students graduated from Albuquerque high schools (Albuquerque High, Albuquerque Academy, Cibola, Del Norte, Eldorado, Highland, La Cueva, Manzano, Menaul, Rio Grande, St. Pius X, Sandia, Sandia Preparatory, Valley, and West Mesa), twelve students graduated from other schools in New Mexico (Alamogordo, Belen, Carlsbad, Clovis, Dexter, Farmington, Gallup, Las Cruces, Los Alamos, Moriarty, Pecos, Roswell, and Santa Fe), and eleven of the graduates came from out of state, representing eight states. One student was home-schooled and completed a GED, and one was a nontraditional student who declined to list her high school.

Eighteen seniors chose the Student-Teaching option and fifty-three participated in a Colloquium with a Service Learning component. Eighteen seniors graduated with departmental honors. Fifty-two seniors completed language courses and fifteen graduates participated in an international studies program. **Appendix A** gives additional statistics on the graduates.

The total number of active students in the Honors Program in the academic year 2000-2001 was 1197 (June 01-June 02). Further statistics on UHP students may be found in **Appendix B.**

The 16th issue of *Scribendi: The UNM Forum for Collegiate Art & Literature* was outstanding! This annual publication is managed and staffed by UHP students and affiliated with the Western Regional Honors Council (WRHC). Sandy Askew, editor, along with a superb staff of novice students produced an attractive, artistic magazine. In addition to a distinguished publication, UNM's Rachel Lime won the WRHC Essay competition. Honors students from about 200 Western universities and colleges submitted poetry, essays, short fiction, and art. The prize-winning pieces are selected through blind-judging by WRHC faculty. Pieces for publication are selected again through blind-judging by the *Scribendi* staff. This year the magazine included work from the

following UNM students: Scott Asher William Barnard, Ian Goebel, Audrey Harkins, Jennifer Graves, Sadie Hays, Rachel Lime, Silke Maietta-Hatch, Yasha Long, Choë Peterson, Ben Tremper, and Krystal Wood. Dr. Leslie Donovan is the faculty advisor for the magazine. **Appendix D** lists the staff as well as the students who were published in the 16th edition.

The Honors Students Advisory Council (HSAC), our UHP student organization acts as a liaison between students and faculty and administrators. This academic year they continued to provide important services to all Honors students. The officers for 2001-2002 were Suzanne Loranc, President; Rina Patel, Vice-President; Aubrie Ater, Treasurer; Jenny McKay, Secretary; Sarah McKinney and Priscilla Johnson, Public Relations Officers; Jenny Mason, Historian; and Efrain Villa, student representative for the UHP Council. Among their various projects, HSAC organized the twice-a-semester Preview Night, the Legacy Lecture series, an International Day, and various volunteer activities including helping with Project Share. They assisted with various recruitment activities and initiated some social events including Open Mic Night, Pizza lunches, and a Zoo outing. One of the most appreciated annual events that HSAC does is the Faculty Appreciation Dinner. A list of HSAC officers and members, as well as HSAC-sponsored activities can be found in **Appendix E.**

During the 2001-2002 academic year, we were privileged to have Dr. David Morris return to occupy the Garrey Carruthers Chair in Honors in the Fall semester. Since Dr. Morris lives in Albuquerque, he was able to divide his appointment into two mismatched semesters in order to accommodate two other scholars who were unable to be at UNM except for one semester. Dr. Morris had occupied the Chair in the Spring semester 2000 and returned last fall. Dr. Morris is a scholar of British literature and has written numerous essays and two prize-winning books, *The Religious Sublime* (1972) and *Alexander Pope: The Genius of Sense* (1984) before resigning as a tenured full professor at the University of Iowa in 1982 in order to write full time. *The Culture of Pain* (1991) won a prestigious PEN prize and has been translated into German, Spanish, and Japanese. He also published *Illness and Culture in the Postmodern Age* (1998). He has subsequently lectured and written on pain for a wide variety of medical and non-medical audiences. Dr. Morris taught "The Erotic in Literature, Philosophy and Art."

During the Spring semester Dr. John Wunder, Professor of History at the University of Nebraska-Lincoln and former director of the Center for Great Plains Studies, was the scholar who occupied the Carruthers Chair in Honors. He hold a J.D. from the University of Iowa and a Ph.D. in history from the University of Washington. He has previously held the positions of Fulbright Bicentennial Chair in North American Studies at the University of Helsinki, Finland, and Visiting Fellow at the Humanities Research Center, Australian National University, Canberra. Dr. Wunder has an impressive list of published works including *Native Americans and the Law, Law and the Great Plains*, and *Retained by the People: A History of American Indians and the Bill of Rights.* Dr. Wunder taught "History, Race, Law, and the American West" in Honors and a graduate course, "The New Western History" for the History Department.

The University Honors Program owes much of its success to the Continuing Faculty and staff, especially Marcia Glenn, our Department Administrator; Karen Rand, our Office Manager; and Sissy Cordero, our Office Assistant. In addition, we had two work-study student assistants: Luca Taylor and Christina Chen. These exceptional persons provide continuity, community, and perspective to the UHP. Their dedication, innovative ideas, and genuine concern for the students and the Program is a solid foundation upon which we continue to provide an enhancing and challenging liberal arts education for our students. **Appendix G** lists the Continuing Faculty achievements.

In addition to the faculty and staff, the University Honors Council, made up of faculty from various colleges on campus, provide informed recommendations and policy decisions for the Program. They also assist with the graduating seniors interview process and make decisions regarding levels of honors for graduates. We are grateful for their conscientious deliberations and support of Honors as well as their generous commitment on behalf of our students. The 2001-2002 Council included Bruce Neville (Library), Harold Delaney (Psychology), Mark Peceny (Political Science), Lisa Broidy (Sociology), Enrique Lamadrid (Spanish & Portuguese), Joseph Martinez (Education), Rosalie Otero, ex officio (University Honors Program), Efrain Villa (HSAC Representative), and Alex Garcia (ASUNM Representative).

In addition to the faculty, staff, and Council, the UHP is appreciative of President Bill Gordon; Dean Peter White, University College; Provost Brian Foster and the Office of Academic Affairs; Vice President Eliseo Torres and the Office of Student Affairs; Associate Provost, David Stuart, Director of Evening and Weekend and Summer Programs; Karen Abraham and the Alumni Office; Vice President Judy Jones; Dean Randy Boeglin; Terry Yates, Vice Provost for Research; Tobias Duran, Director for the Center for Regional Studies; as well as Deans, Associate Deans, Chairs and Directors who continue to support the UHP. We are most grateful that they continue to support the important challenges provided by the UHP toward undergraduate education. We are also thankful to several departments at UNM for their willingness to release associated faculty to teach in the Program. **Appendix F** lists the associated faculty for 2001-2002. These associated and visiting faculty add dimension, breadth, and different insights that broaden and inform our students.

At the 100-level, the Ancient, Medieval, and Modern Legacies continue to serve as the core for entering students. Not only do these seminars provide a common understanding of dominant Western ideas, but they are a means by which students begin their understanding of seminar pedagogy and the UHP dynamics. Aside from the Continuing Faculty, who teach some of the sections of these seminars, we were fortunate to have many of our adjunct faculty return. These faculty are especially good because they have the experience with these UHP seminars. Among our returning faculty are Ruth Meredith, Lisa Gerber, Sharon Franco, Kathleen Jimenez, and Renée Fabion.

The 200-level seminars are designed to extend the cultural limits of the Legacies and generally promote global awareness. The faculty focus on deepening the students' understanding of the diverse world in which we live. To give the reader a flavor of the seminars at this level, I am listing a few of the faculty and innovative seminars. For a complete listing, see **Appendix H.** The faculty included Laurence Cole, a Professor of Obstetrics and Gynecology at the UNM Medical School who taught, "Human Reproduction;" Sheri Metzger who has a Ph.D. in Renaissance Literature and Shakespeare taught "Memories of the Holocaust;" and Maria Casellas-Kelly taught, "The Spanish Civil War."

At the 300-level, there were many outstanding, challenging seminars. Some of the visiting and adjunct faculty at the 300-level included: David Morris and John Wunder, scholars occupying the Garrey Carruthers Chair in Honors; Stephen Brewer, journalist and novelist; Robert Weber who has a Ph.D. in Psychology from Princeton; Judge Wyatt Heard, a civil trial lawyer from Houston for fifteen years and occupied the 190th District Court Bench in Houston for twenty-one years; Eric Griego, a former U.S. trade negotiator who worked on NAFTA and was recently elected Councilman in Albuquerque; Ned McNamara, a Neonatologist and a member of the faculty at the UNM School of Medicine; Margaret Montoya, a Professor of Law at the UNM School of Law; Mark Peceny, Professor of Political Science; and Gilbert Quintero, a Research Assistant Professor in the Center for Health Promotion and Disease Prevention.

At the 400-level, seniors continued to choose among the three capstone options: Senior Colloquium, Senior Teaching, or Senior Thesis. Dr. Diane Rawls taught a Colloquium in the Fall, "U.S. and Them" and in the spring, Rosalie Otero taught one section, "Private and Public Selves," Dawn Stracener taught, "We Make the Road by Walking," and Edward DeSantis taught, "Luminous Lives." The colloquiums include a Service Learning component. A complete list of the various agencies and programs with which the students were involved as well as the distribution of the senior options can be found in **Appendix A.**

The UHP also continued to provide a variety of co-curricular activities. Besides the significant interaction with Drs. Morris and Wunder, our visiting scholars, students also had many opportunities to receive information and experience education outside of the seminars and classes. A complete listing of lectures, presentations, and co-sponsorships are summarized in **Appendix I.**

With the continued financial support of the Honors Program and the University of New Mexico Regents, Scholars' Wing, the residential program for Honors students and students on scholarships, continued to be an important aspect of student retention. Dr. Michael Thomas continued to serve as the faculty advisor. A more complete report of Scholars' Wing, prepared by Dr. Thomas is included in **Appendix J.**

The Honors Program again had the opportunity to participate in the selection, orientation, and advisement of students in the Regents' Scholars Program. **Appendix K** contains the Regents' Scholars Report prepared by Dr. Diane Rawls, the Faculty Coordinator for the Program.

In the past we have conferred awards to some of our outstanding students during the graduation ceremony, but because of the increasing number of seniors, this year we decided to have a distinct ceremony for this purpose. Our first Awards Ceremony was held on May 9 in the Bobo Room of Hodgin Hall. Mr. H.S. Adler, who endowed the prestigious Rana Rose Adler Memorial Prizes for Outstanding Freshmen, passed away in February. We have renamed the award the Hy and Rana Rose Adler Memorial Prize. This past year's recipients of this award were Frank Hemingway and Jaclyn Murton. Through the continued donations of Melinda Mullins, the daughter of Genevieve Townsend, we were able to present the Genevieve Townsend Memorial Award to an outstanding sophomore, Lindsey Lesch. The recipient of the John Cantwell Memorial Award in 2002 was Rosalyn Nguyen. The award is given to an exceptional junior who is a student in the Honors Program and is also majoring in one of the fields of business in the Anderson Schools. Proceeds from the Dudley and Thelma Wynn fund also allowed us to present four Outstanding Senior awards to Shree Chanchani, Nick Menicucci, John Probasco, and Blake Standish. The Wynn Fund also helped to subsidize the Outstanding Science/Engineering Award. This year the recipient of that award was Randin Nelson. In addition we also gave Outstanding HSAC Member Awards to Jenny McKay, Priscilla Johnson, Shree Chanchani, Charles Lacy-Martinez, Nick Menicucci, Tiffany Merrick, Blake Standish and Juan Torrez. Sandy Askew received an award for serving so admirably as the Editor of *Scribendi.* Every semester we are also able to award small scholarships to students through the Katherine Simons Endowment. A list of awards and scholarships (stipend) recipients can be found in **Appendix C.**

In addition, the Honors Students Enrichment Fund, established through generous contributions by John H. Morrison, Esq. and the Kirkland & Ellis Foundation, enabled the UHP to send several students to participate and present papers at the National Collegiate Honors Council Conference in Chicago in November. Suzanne Loranc and Jenny McKay presented a session based on their "Route 66" seminar; Blake Standish, who had been elected to serve on the Executive Committee of the NCHC also attended. Besides her duties with the Executive Committee and Students Concerns Committee, Blake did a poster presentation on "Magnetic Resonance Images of Patients with Vascular Dementia." Priscilla Johnson's poster was on "Do Standardized Tests Predict Success in College?" Rafael Gallegos participated in the Master Classes and Sandy Askew debuted *Scribendi* at the Idea Exchange. Jennifer Salaz, Chole Peterson, and Aubre Ater presented their research based on the biodiversity experience in Australia last summer.

Several students also presented at the Western Regional Honors Conference. Amena Ishak with Dr. Ursula Shepherd presented a paper on "Hello Dolly: Genetics in the 21st Century." Darrell Dinwiddie, Paul Gomez, and Brianne Schneider presented papers on their research based on their biodiversity experience in Australia last summer. Julia Gilroy, Elena Bissell, Kate Moseley, and Jessica Lopez gave a presentation, "Explorando España: Conexiones 2002." Cassandra Johnson, Lindsey Lesch, Diana Sanchez-Bess, and Amy Weber, members of the *Scribendi* staff hosted a reception that included a multi-media presentation of the magazine.

Appendix A

Honors Senior Statistics
2001-2002

Belen Villarreal and Josh Ewing attended the Twenty-Seventh New Mexico First Town Hall in Las Cruces in November. The topic was "New Mexico's Border with Mexico: Creating a Viable Agenda for Growth." Both students are majoring in political science, so they found the meeting valuable because they were able to become fully immersed in the process of developing consensus and to become actively involved in the democratic process. Several students also attended a special meeting at the University of California, Berkeley celebrating Latinos/as in the law. They accompanied Law Professor, Margaret Montoya.

The Honors faculty, too, presented papers at various conferences and participated in faculty development workshops. Besides the conversation on terrorism in early fall, we also had a special session with John Wunder. He talked about his research on the value of rural communities. Dawn Stracener, who had attended a special workshop on service learning presented her findings to the faculty in October. Other activities by the Continuing Faculty can be found in **Appendix G.**

The Honors Program hosted its second annual alumni homecoming event with the generous assistance of the Alumni Office. We had an open house and reception on Friday, October 26, 5:00-8:00 p.m. Several alumni and former faculty dropped by. We were, however, disappointed that a larger number did not come since we do have several alums living in the Albuquerque area. We are going to continue the tradition at least for one more year. If we have a poor turnout, we may join other departments and programs under the Big Tent at University Stadium.

The Honors Program is most appreciative of the generous contributions of our alumni and friends of Honors. Without their support we would be unable to provide as many diverse and worthwhile activities for our students. A complete list of UHP donors can be found in **Appendix L.**

APPENDIX A

HONORS GRADUATES
FALL 2001

NAME	COLLEGE	MAJOR/MINOR	HONORS LEVEL
Jessica Carrejo	A & S	Political Science & Communication	magna cum laude
Amy Coble	A & S	Biology/Business	magna cum laude
Sara Duran	A & S	Anthropology & Spanish	magna cum laude
Lindsay Frank	A & S	French/English	cum laude
Jennifer Graves	A & S	Biology/English	magna cum laude
Koury Hicks	A & S	Biology/Chemistry	cum laude
Kuan Ma	A & S	Psychology/Management	magna cum laude
Hajra Malik	A & S	Biology/Chemistry	magna cum laude
Amber Messier	A & S	Biology/Psychology	summa cum laude
Randin Nelson	A & S	Biology & English	magna cum laude
Reed Taylor	A & S	History & Philosophy	magna cum laude

APPENDIX A

HONORS GRADUATES
SPRING 2002

NAME	COLLEGE	MAJOR/MINOR	HONORS LEVEL
Sandy Askew	A & S	Psychology	magna cum laude
Anna Marie Baca	A & S	History & Political Science	cum laude
Alexander Baer	A & S	Anthropology & History	magna cum laude
Stephanie Barnett	A & S	Women's Studies/American Studies	cum laude
Teresa Bennett-Gilberg	University	University Studies	magna cum laude
Mary Ellen Braithwaite	A & S	Political Science/Biology	cum laude
Julia Bretz	University	University Studies	cum laude
Sarah Bullard	A & S	Political Science/History	magna cum laude
Quinn Bumgarner-Kirby	Fine Arts	Music/Professional Writing	magna cum laude
Eric Carnes	Engineering	Chemical Engineering	magna cum laude
Shree Chanchani	A & S	Biology/Communications	summa cum laude
Peter Chen	A & S	Biochemistry	summa cum laude
Rajni Dulai	A & S	Biochemistry/Art Studio	magna cum laude
Ruba Elmaoued	A & S	Biology/Chemistry	summa cum laude
Josh Ewing	A & S	Political Science & Spanish	summa cum laude
Jamey Flannery	A & S	Anthropology/Peace Studies	magna cum laude
Denise Gara	A & S	Biochemistry	magna cum laude
Diane Garst	A & S	Speech & Hearing Sciences/Music	summa cum laude
Victoria Gonzales	A & S	Political Science & Spanish	summa cum laude
Andrea Gunderson	A & S	Pol. Science & Spanish/Management	cum laude
Jeanette Hart	Fine Arts	Studio Arts	summa cum laude
Jessica Herren	A & S	Psychology/Sociology	cum laude
Stephanie Holstad	A & S	Psychology/Distrib. Communication & Family Studies	magna cum laude
Priscilla Johnson	A & S	Political Science	cum laude
Robert Jung	Engineering	Computer Science/Business	magna cum laude
Elijah Keltz	University	Theatre/Creative Writing	cum laude
Sirimukh Khalsa	University	University Studies	magna cum laude
Tina Kholwad	Engineering	Mechanical Engineering	magna cum laude
Chaz Lacy-Martinez	A & S	Anthropology & Spanish	magna cum laude
Jennifer Liu	A & S	Biology & Chemistry/Business	cum laude
JiSan López	A & S	Biology/Chemistry	magna cum laude
Kim Luu	ASM	Human Resources/Psychology	cum laude
Lacie McGaughey	Anderson	Accounting	magna cum laude
Jenny McKay	A & S	Political Science/Psychology	summa cum laude

APPENDIX A

NAME	COLLEGE	MAJOR/MINOR	HONORS LEVEL
Nick Menicucci	A & S	Psychics/Math	summa cum laude
Tiffany Merrick	A & S	Economics/Biology	magna cum laude
Manuela Mondloch	A & S	Psychology/Anthropology	summa cum laude
Skye Morris	A & S	Criminology/Management	magna cum laude
Miranda Morris	Fine Arts	Art History	magna cum laude
Patricia O'Connor	A & S	Foreign Languages/English	magna cum laude
Noah Pardo-Friedman	University	University Studies	none
Ben Petre	A & S	Communication & Criminology	magna cum laude
Joe Phillips	University	University Studies/Business	cum laude
John Probasco	A & S	Biochemistry	summa cum laude
Sarah Regalado	University	Occupational Therapy	cum laude
Larry Salopek	University	University Studies/International Mgt.	cum laude
Sarah Sinclair	A & S	Biology/Chemistry	cum laude
Sarany Singer	A & S	Biology/Art Studio	cum laude
Justin Smith	A & S	Biology/Anthropology	summa cum laude
Katherine Smith	A & S	Math & Astrophysics	magna cum laude
Blake Standish	A & S	Psychology/Chemistry	summa cum laude
Lulu Strongheart	University	University Studies	magna cum laude
Matthew Tinker	A & S	Spanish/Music	magna cum laude
Juan Torrez	A & S	English/Chemistry	summa cum laude
Amber Ussery	A & S	Political Science & English	summa cum laude
Vincent Valdés	A & S	History and Spanish	summa cum laude
Belén Villarreal	A & S	Spanish/Professional Writing	summa cum laude
Megan VonLoh	A & S	Psychology/Criminology	summa cum laude
Meredith Wallis	A & S	American Studies/Biology	summa cum laude
Sabina Zuñiga-Varela	University	Creative Drama & Cultural Communications	summa cum laude

APPENDIX A

UHP GRADUATES PROFILE
2001-2002

SENIOR TEACHING SEMINARS

FALL 2001

Audrey Harkins, *Modern Legacy*

Nick Menicucci, *Modern Legacy*

Diane Garst, *Memories of the Holocaust*

Justin Smith, *Quarks, Quasars, and Quiddities*

Randin Nelson, *Shattered Visions: Themes in Modern Literature*

SPRING 2002

Simon Goldfine, *Modern Legacy*

Louis Griego, *The Legacy of Censorship*

Ben Baragiola, *Journey Through Genius*

Jamey Flannery, *Gallows Humor*

Josh Ewing, *Globalization Sucks! . . . Or Does It?*

Amena Ishak, *Hello Dolly*

Suzanne Loranc, *Route 66: An American Road*

Sarah Bullard, *Follow the Leader*

Astrid Winegar, *Dostoyevski: The Light from the Abyss*

Sandy Askew, *The Making of a Magazine*

Alexander Baer, *People and Animals*

Blake Standish, *On the Town*

APPENDIX A

SENIOR SERVICE LEARNING PROJECTS

FALL 2001

Anna Marie Baca	Youth & Government
Shree Chanchani	University Hospital – Pediatric Oncology Volunteer
Rajni Dulai	Volunteer at the Rape Crisis Center
JiSan López	Homeless Legal Clinic

SPRING 2002

Stephanie Barnett	Mujeres por la Dignidad Women's Cooperative, Listening to Our Youth Conference
Teresa Bennett-Gilberg	AGORA
Mary Ellen Braithwaite	Volunteering at Resources Inc. and the New Mexico Coalition Against Domestic Violence
Julia Bretz	Judge – Lobo Howl
Eric Carnes	GED Tutoring
Ruba Elmaoued	Our Private and Public Selves
Denise Gara	Ronald McDonald House
Victoria Gonzales	Martineztown House of Neighborly Service
Andrea Gunderson	Elementary Literacy Program
Stephanie Holstad	Assisting local speech and debate teens to prepare for competition
Priscilla Johnson	Service to the Albuquerque Rescue Mission
Elijah Keltz	Theatre specialist at Mesa Verde Community Center
Sirimukh Khalsa	Garden at Rio Grande Nature Center
Tina Kholwad	New Day (Next-Step) Program
Kim Luu	Ronald McDonald House
Lacie McGaughey	Junior Achievement
Jennifer McKay	Peer Facilitator in a Freshman Learning Community

APPENDIX A

SENIOR SERVICE LEARNING PROJECTS

SPRING 2002

Tiffany Merrick	Tutored a bilingual Spanish-speaking child at Martineztown House
Manuela Mondloch	Mentoring through Los Sabios/Facilitating art therapy group
Miranda Moss	Keshet Dance Company
Patricia Ann O'Connor	Volunteered at Center for Peace and Justice & Youth Conference
Noah Pardo-Friedman	Residential Program at Adelante Development Center
Joe Phillips	Big Brothers Big Sisters of Central New Mexico
John Probasco	Jefferson Middle School Homework Club
Margaret Regalado	Tidman Therapy Center
Larry Salopek	Big Brothers
Sarah Sinclair	Volunteering at Lovelace as an M.A., and at Stapleton Elementary School in the library with children
Sarany Singer	Volunteer at Laurel View Healthcare, West Side Community Center
Lulu Strongheart	Center for Economic Justice
Juan Andres Torrez	Natural Family Planning – St. Joseph's Women's Healthcare
Vincent Valdés	Marine Corps Junior ROTC
Megan Von Loh	Reasonable Accommodations for Independent Living Resource Center
Meredith Wallis	Volunteer advocate for Albuquerque Rape Crisis Center
Sabina Zuñiga-Varela	Young Women United

APPENDIX A

SENIOR PLANS AFTER GRADUATION

Tulane Law School

George Washington University's School of International Affairs

Americorps

Chicago Art Institute

Teach for America

National Institute of Health's National Cancer Institute

Sandia National Labs

Ross University School of Medicine

UNM Law School

Rondo Community Land Trust

Anderson Schools of Management MBA Program

Volunteer in Africa

Internship at Seattle Children's Theatre

National Institute of Health

University of Arizona Master's of Public Health Program

UNM School of Law

Rhodes Scholar at the University of Oxford

UNM School of Medicine

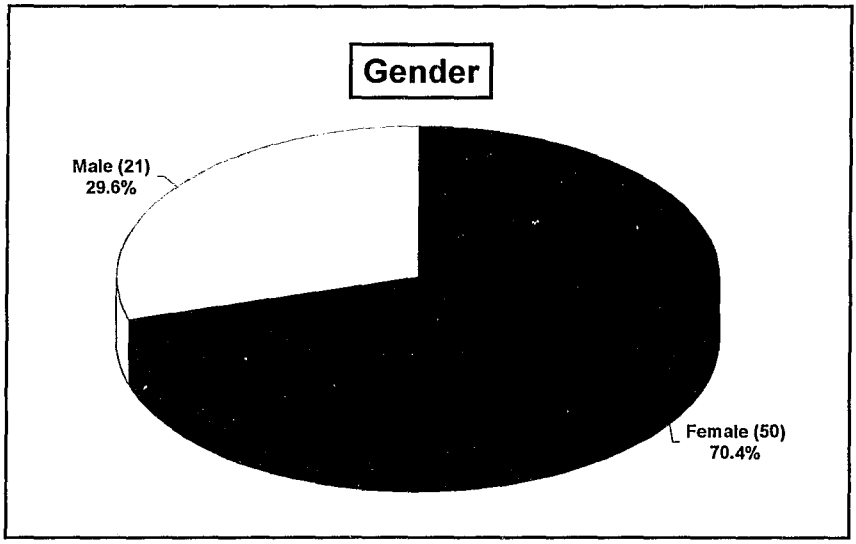
Anderson Schools of Management International Management Program

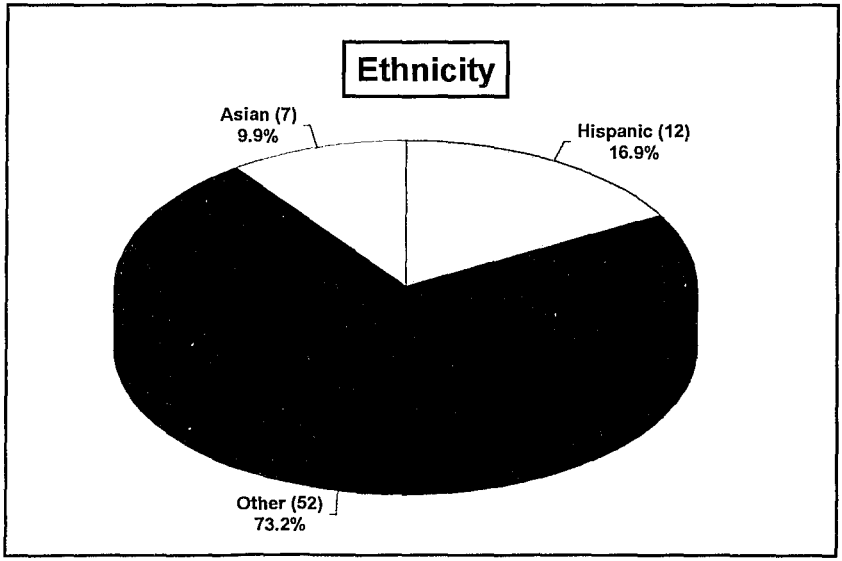
Marine Corps

UNM College of Education/M.A. Program in Counseling

Language School in Oaxaca, Mexico

UHP GRADUATES PROFILE
2001-2002





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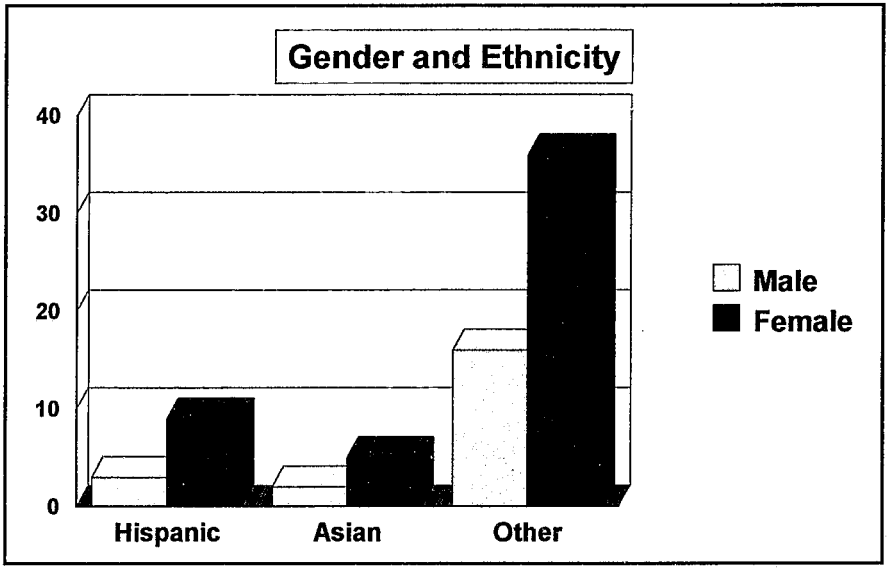

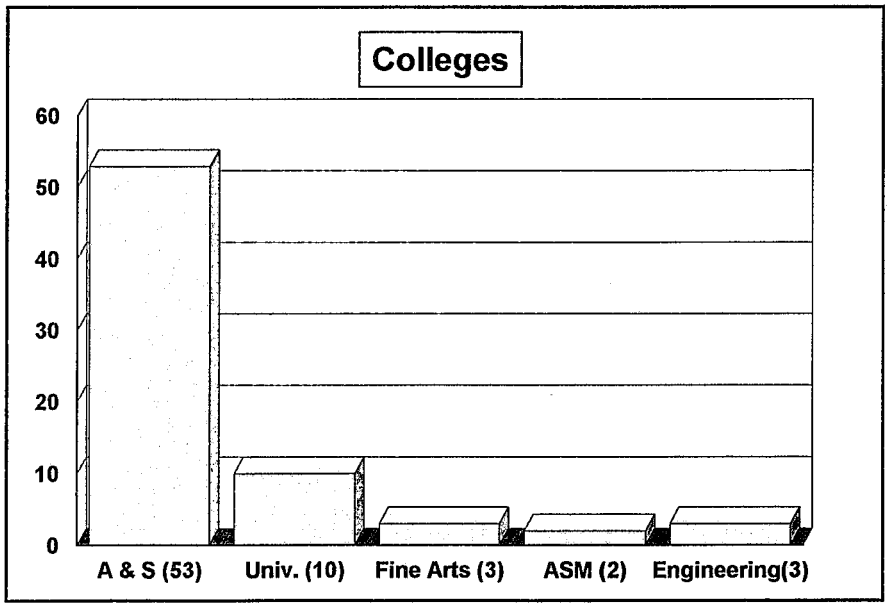

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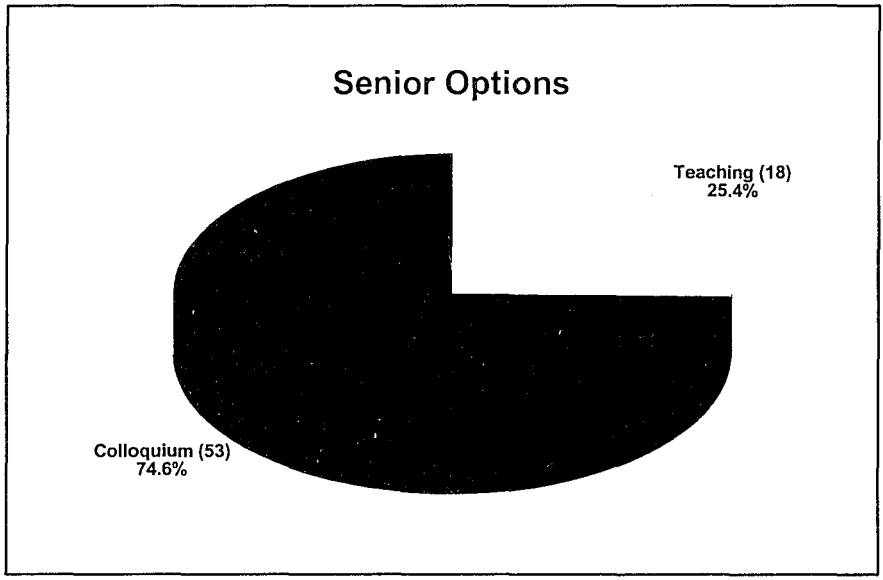
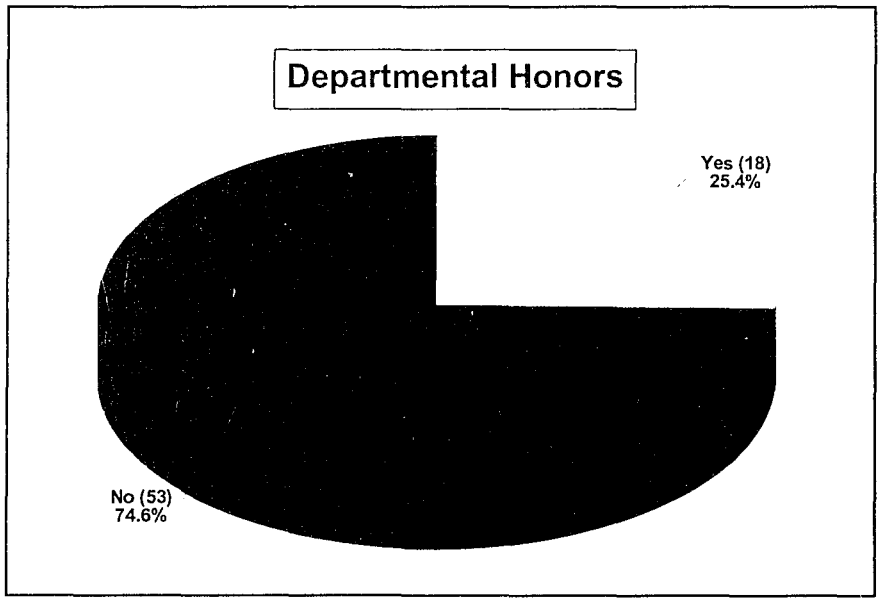
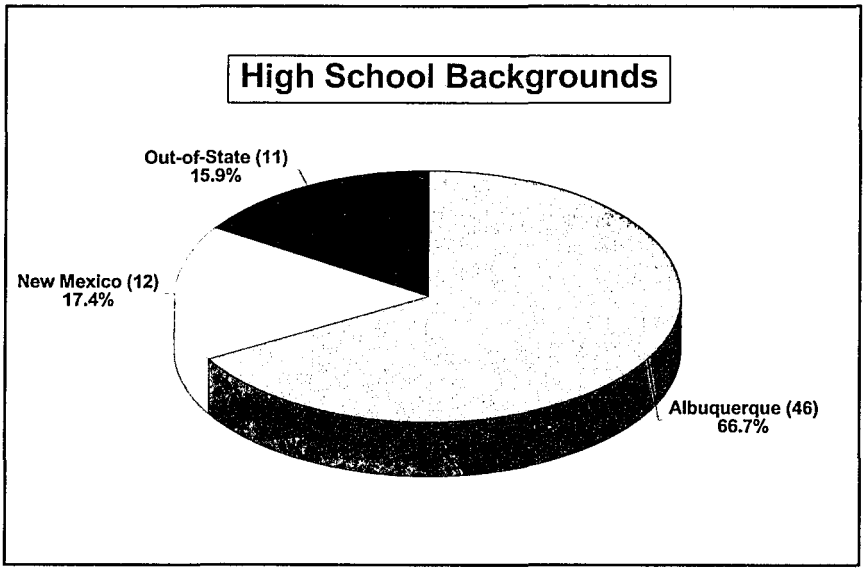
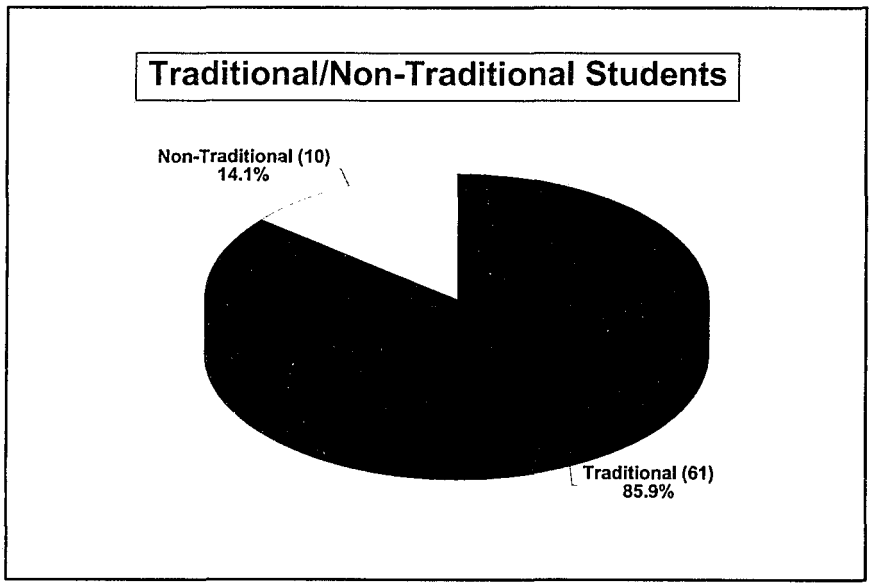




UHP GRADUATES PROFILE
2001-2002

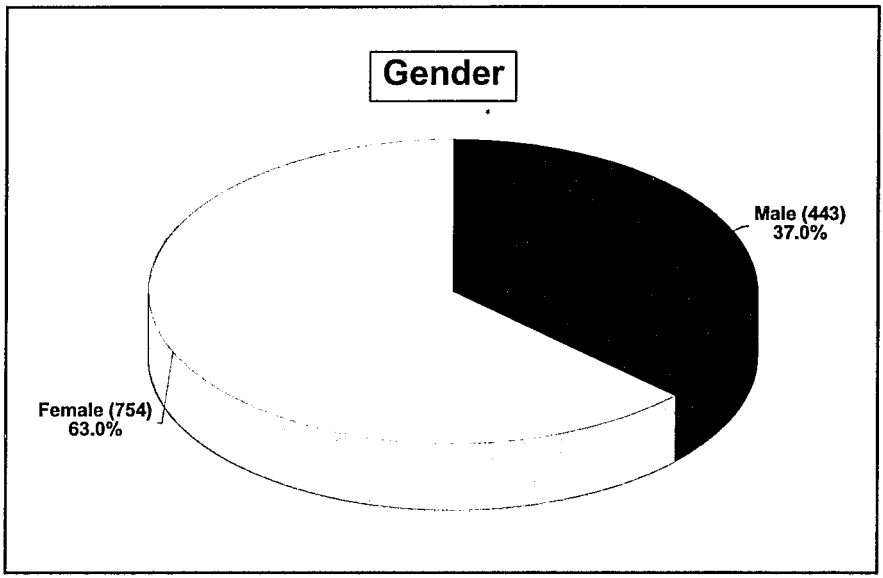


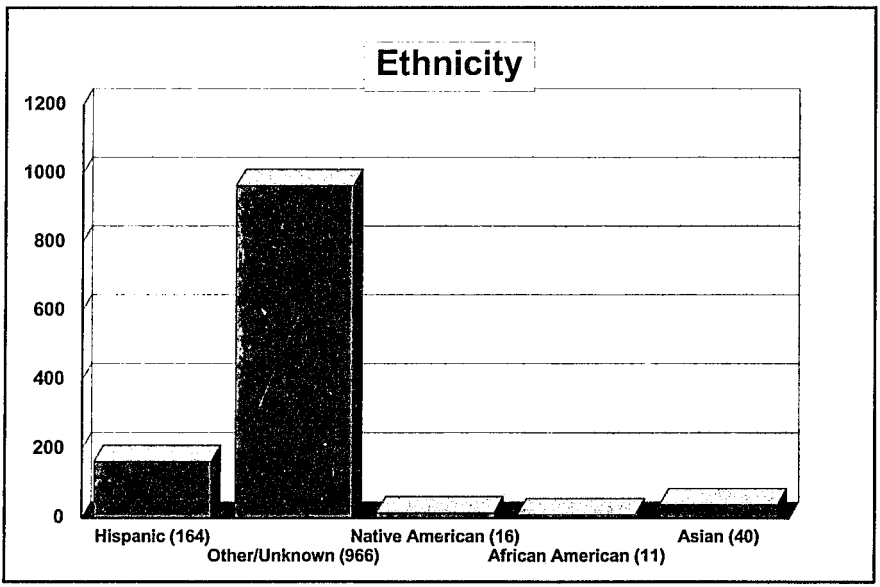


APPENDIX B

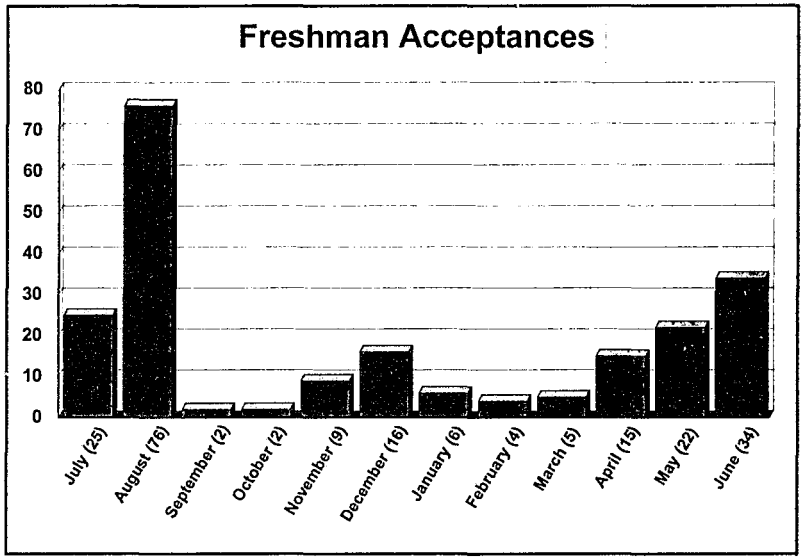
HONORS STUDENT STATISTICS
2001-2002

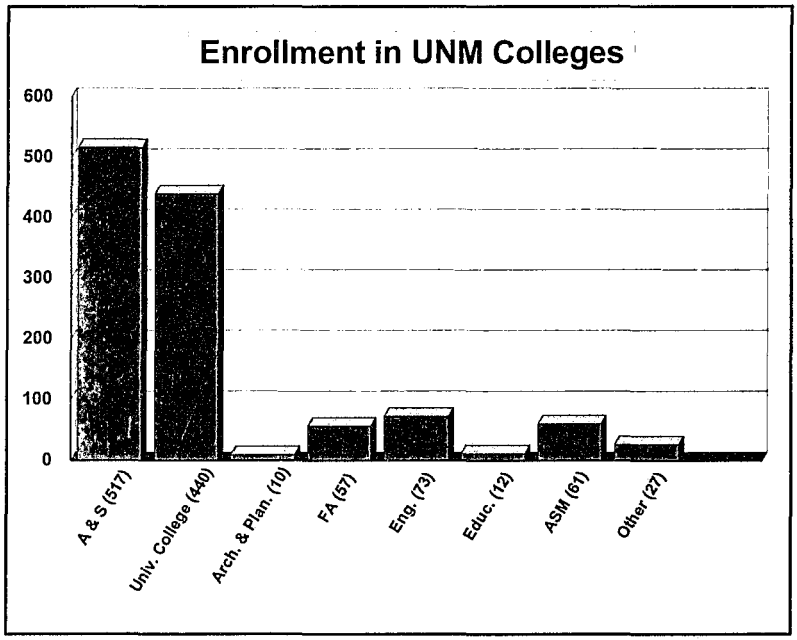
HONORS STUDENT PROFILE
2001-2002





HONORS STUDENT PROFILE
2001-2002





APPENDIX C

HONORS STIPENDS AND AWARDS AND STUDENT ACHIEVEMENTS 2001-2002

APPENDIX C

HONORS STIPENDS AND AWARDS
2001-2002

HONORS PROGRAM STIPEND RECIPIENTS

Sandy Askew
Craig Charlton
Christina Chen
Christie Chisolm
Ella Friedman
Mario Herrera
Emily Kuchar
Arthur Lapre
Jesse Loper
Suzanne Loranc
Ryan Medalie
Gilbert Morales
Sean Murray
Grant Nichols
Zachary Norwood
Jennifer Onuska
Michael Reyes
Ethan Ryan
Chad Schneider
Luca Taylor
Beatriz Villarea
Astrid Winegar

OTHER AWARDS

KATHERINE SIMONS STIPENDS:

Kathryn Allen
Sandy Askew
Elena Bissell
Christina Chavez
Christie Chisolm
Jerriene Cordova
Darrell Dinwiddie
Breanne Duncan
Michelle Fischer
Ella Friedman
Rafael Gallegos
Veronica Garcia
Diane Garst
Julia Gilroy
Paul Gomez
Victoria Gonzales
Clover Hatcher
Gina Herbert
Mario Herrera
Amena Ishak
Priscilla Johnson
Emily Kuchar
Arthur Lapre
Jesse Loper
Jessica Lopez
Suzanne Loranc
Oscar Lozoya
Jenny Mason
Jenny McKay
Sarah McKinney
Katherine Moseley
Thiennga Nguyen
Grant Nichols
Margaret Regalado
Jose Sanchez
Brianne Schneider
Crystal Scott
Paul Sedillos
Megan Sept
Blake Standish
Lena Staveley
Ginny Stearns
Izaac Tajan
Valerie Valles
Thomas Verstyuen
Beatriz Villareal
Astrid Winegar

DUDLEY AND THELMA WYNN OUTSTANDING SENIORS:

Shree Chanchani
Nick Menicucci
John Probasco
Blake Standish

JOHN CANTWELL AWARD:

Rosalyn Nguyen

RANA ROSE ADLER AWARD:

Frank Hemingway
Jaclyn Murton

APPENDIX C

OUTSTANDING SCIENCE AND ENGINEERING AWARD:	Randin Nelson
GENEVIEVE TOWNSEND AWARD:	Lindsey Lesch
***SCRIBENDI* AWARD:**	Sandy Askew
***CONEXIONES* MEXICO STIPENDS:**	Peter Hite Daniel Martinez Shane McClain
OUTSTANDING SENIOR HSAC MEMBERS:	Shree Chanchani Priscilla Johnson Charles Lacy-Martinez Jenny McKay Nick Menicucci Tiffany Merrick Blake Standish Juan Torrez

APPENDIX C

PHI BETA KAPPA

Sandy Askew
Joel Berger
Sarah Bullard
Peter Chen
Breanne Duncan
Ruba Elmaoued
Josh Ewing
Denise Gara
Diane Garst
Charles Lacy-Martinez
Jisan Lopez
Suzanne Loranc
Hajra Malik
Lacie McGauhey
Cara McClendon
Nick Menicucci
Tiffany Merick
Louis Metzger
Manuela Mondloch
Skye Morris
Elizabeth Peck
Courtney Porreca
John Probasco
Tony Salazar
Wayne Schlingman
Sarah Sinclair
Blake Standish
Matthew Tinker
Amber Ussery
Vincent Valdes
Belen Villareal
Megan VonLoh
Meredity Wallis
Sabina Zuniga

PHI KAPPA PHI

Kathryn Allen
José Alvarado
Eva Angeli
Jessica Antonia
Justin Averna
B.R. Bachicha
Joel Berger
Caitlynn Camacho
Angela Champion
Holly Clausen
Mary DeForest
Jason Deshayes
Todd Dettmer
Kim Dan Do
Breanne Duncan
J. Matthew Edwards
Michelle Fischer
Diane Garst
Simon Goldfine
Michael Greer
Fatima Gutiérrez
Andrea Harbison
Ana Holguin
Ramona Kappel
Nabil Khan
Rachel King
Rqquel Lazarin
Clair Long
Melissa Maes
Rebecca Malisow
Lacie McGaughey
Sarah McKinney
Una Medina
Linda Melendres
Skye Morris
Kelly O'Keefe
Aja Oishi
Monica Padilla
Rina Patel
Elizabeth Patrick
Elizabeth Peck
Rebekah Sánchez
Sonia Shingleton
Juan Torrez
Maribel Valenquela
Olin Wallis
Teron Wilson
Sabina Zuniga-Varela

APPENDIX C

CLAUVE OUTSTANDING SENIOR AWARDS

Josh Ewing
Nick Menicucci
Thiennga Nguyen
Grant Nichols
John Probasco

FANNYE IRVING-GIBBS AWARD

Stephon Scott

HARVEY L. LEE MEMORIAL SCHOLARSHIP

Jennifer Salaz

ARTHUR J. HARVEY SCHOLARSHIP

Michael Martinez

JEAN MULLINS MACEY SCHOLARSHIP

Jennifer Onuska

LENA CLAUVE MEMORIAL SCHOLARSHIP

Heather Gabel
Rosemary Lester

ALUMNI CITIZENSHIP AWARD

Anna Marie Baca
Stephon Scott
Amber Ussery

GWINN "BUB" HENRY SCHOLARSHIP

Jessica Lynn Gancy

WHO'S WHO AMONG STUDENTS

Katherine Burr
Jason Chapman
Heather Gabel
Jessica Lynn Gandy
Louis Griego
Judy Jackson
Sarah Javaheripour
Elizabeth Louton
Crystal Massoth
Molli McHugh
Gil Morales
Rosalyn Nguyen
Thiennga Nguyen
Patricia O'Connor
Rina Patel
Elizabeth Peck
Rebekah Sanchez
Amanda Sanchez
Cody Saxton
Stephon Scott
Christopher Stearns
Kim Ha Tran
Julie Weldon

Appendix D

Scribendi Statistics
2001-2002

APPENDIX D

SCRIBENDI
2001-2002

EDITOR	Sandy Askew
FACULTY ADVISOR	Leslie Donovan
OFFICE MANAGER	Louis Moya
PUBLISHER	UNM University Honors Program
PRINTER	Academy Printers
STAFF	Kathyrn Allen Mario Herrera Cassandra Johnson Lindsey Lesch Ryan Medalie Elizabeth Peck Diana Sanchez Chad Schneider Amy Weber
UHP STUDENTS PUBLISHED:	Scott Asher William Barnard, "Point Omega" Ian Goebel, "Overlay," *Staff Choice Award* Jennifer Graves, "Sugared Violets," *Staff Choice Award* Audrey Harkins, "Stamen" Sadie Hays, "Between Lines: A Sestina" Rachel Lime, "Grandma and Rice," *WRHC Essay Winner* Yasha Long, "Fishing at 2 p.m." and "Man's Greatest Achievement" Silke Maietta-Hatch, "Reflection at the Stop Sign" Chloe Peterson, "Cotton Wood" Ben Tremper, cover art and "June" Krystal F. Wood, "The Imperfect Couple"

Appendix E

Information on the Honors Student Advisory Council 2001-2002

APPENDIX E

HONORS STUDENT ADVISORY COUNCIL
2001-2002

OFFICERS

Suzanne Loranc, President
Rina Patel, Vice-President
Jenny McKay, Secretary
Aubrie Ater, Treasurer
Sarah McKinney, Public Relations
Priscilla Johnson
Jenny Mason, Historian
Efrain Villa, UHP Council Representative

DIRECTOR/ADVISOR

Dr. Rosalie Otero

MEMBERS

Aubrie Ater
Shree Chanchani
Kathy Graf
Scott Hudson
Priscilla Johnson
Charles Lacy-Martinez
Rosemary Lester
Suzanne Loranc
Jenny Mason
Crystal Massoth
Jenny McKay
Sarah McKinney
Nick Menicucci
Tiffany Merrick
Rina Patel
Carrie Rome
Blake Standish
Juan Torrez

APPENDIX E

HSAC ACTIVITIES

- National Collegiate Honors Council Conference in Chicago.
- Western Regional Honors Council Conference in Tempe, Arizona
- HSAC Mentorship Bar-B-Q
- Sponsorship of Honors Program *Legacy Lecture Series* (set-up, cleaning up, providing refreshments, introducing the guest lecturers, etc.)
- ASUNM Poll Booths
- ASUNM Budget Meetings
- Roadrunner Thanksgiving Food Drive
- HSAC Thanksgiving Food Drive
- Valentines to UNMH
- Valentine's Day Bake Sale
- Honors Preview Night
- Bowl-a-Thon
- Project Share
- International Day — where students who have been on an international exchange or are presently on an exchange from another country are brought together to share their culture and food with the audience.
- Open Mic Night
- Movie Night
- Pizza Afternoon
- Faculty Appreciation Dinner
- Bake Sales
- Participation in Hispano Day and Transfer Day at UNM

Appendix F

UHP Associated Faculty
2001-2002

ASSOCIATED FACULTY
2001-2002

FALL 2001

Robert Anderson, Visiting Lecturer

Steve Brewer, Visiting Lecturer

Margo Chávez-Charles, Visiting Lecturer

Laurence Cole, Professor, Department of Obstetrics and Gynecology

Juliette Cunico, Visiting Lecturer

Renée Faubion, Visiting Lecturer

Sharon Franco, Visiting Lecturer

Lisa Gerber, Visiting Assistant Professor

Eric Griego, Visiting Lecturer

Wyatt Heard, Visiting Lecturer

James Holden-Rhodes, Visiting Lecturer

Basia Irland, Professor, Department of Art and Art History

Kathleen Jimenez, Visiting Lecturer

Sandra Ligon, Lecturer II, Biology

Donald McLaughlin, Associate Professor, Chemistry

Ashleigh McLean, Visiting Lecturer

Ned McNamara, Assistant Professor, Division of Neonatology

Ruth Meredith, Visiting Lecturer

Sheri Metzger, Visiting Lecturer

Margaret Montoya, Professor, School of Law

David Morris, Garrey Carruthers Distinguished Chair in Honors

V.B. Price, Visiting Lecturer

Dawn Stracener, Visiting Lecturer

Franci Washburn, Visiting Lecturer

Robert Weber, Visiting Lecturer

ASSOCIATED FACULTY
2001-2002

SPRING 2002

Steve Brewer, Visiting Lecturer

Maria Casellas-Kelly, Visiting Lecturer, Latin American and Iberian Institute

Margo Chávez-Charles, Visiting Lecturer

Juliette Cunico, Visiting Lecturer

Renée Faubion, Visiting Lecturer

Sharon Franco, Visiting Lecturer

Lisa Gerber, Visiting Assistant Professor

Jean Hedberg, Lecturer Emerita, University Honors Program

Jeremy Hockett, Visiting Lecturer

Frank Kelly, Professor Emeritus, Mathematics and Statistics

Ashleigh McLean, Visiting Lecturer

Ned McNamara, Assistant Professor, Division of Neonatology

Ruth Meredith, Visiting Lecturer

Sheri Metzger, Visiting Lecturer

Ned O'Malia, Visiting Lecturer

Michael Oliker, Visiting Lecturer

Mark Peceny, Associate Professor, Political Science

V.B. Price, Visiting Lecturer

Gilbert Quintero, Visiting Lecturer, Prevention Research Center

Dawn Stracener, Visiting Lecturer

John Wunder, Garrey Carruthers Distinguished Chair in Honors

Appendix G

UHP Continuing Faculty Achievements 2001-2002

UHP CONTINUING FACULTY ACHIEVEMENTS 2001-2002

ROSALIE C. OTERO, DIRECTOR

TEACHING

Taught: Senior Colloquium "Private & Public Selves" and the Service-Learning component during the Spring 2002 semester. Directed Independent Studies: Lauren Bunker "Intercultural Communications" in Guatemala; Jocelyne Klasen, who will be co-teaching French with Ralph Casebolt in Gallup; Paula Chad, Raised by Wolves Research Facility in Gallup; and Larry Salopek and Joseph Phillips working with the Big Brothers Program.

PUBLICATIONS

"A Culinary Adventure: Designing Our Future: NCHC Goals for 2002," *The National Honors Report*, Spring 2002

"National Conference Report: Chicago 2001, *The National Honors Report*, Spring 2002

"President's Message," *Peterson's Guide to Honors Programs and Colleges*, 3rd Edition, Spring 2002

PRESENTATIONS

Facilitator: Roundtable Discussion concerning the controversial computer-altered image of Our Lady of Guadalupe Exhibit, September, 2001

Commentator: "Race & Ethnicity in the American West Through Literature and Film" at the annual Western Symposium, Highland University, September 2001

Presenter at the annual Recognition Reception, April 2002

Presenter at the Albuquerque 2002 Star Scholars Program

Speaker at the West Mesa High School Gifted Banquet, April, 2002

"Meeting of the Minds," panel member, Western Regional Honors Conference, Tempe, April 2002.

ROSALIE C. OTERO, DIRECTOR (CONT.)

UNIVERSITY & COMMUNITY SERVICE

- President, National Collegiate Honors Council
- Member, 2002 Conference Planning Committee, NCHC
- Member, 2003 Conference Planning Committee, NCHC
- Member, Honors Semesters Committee, NCHC
- Ex-officio member, UHP Council
- Regents' Scholars Task Force & Selection Committee
- Member, UNM Alumni Awards Committee
- Member, UNM Alumni Board of Directors
- Member, Freshman Learning Communities Advisory Committee
- Faculty Advisor, Honors Students Advisory Council
- Member, TV-I Arts & Sciences Advisory Board
- Search Committee for Native American Faculty
- Search Committee for Chicano Studies Lecturer II position
- Committee for WRHC fine art & photography award

AWARDS

Honorary Golden Key recipient

EDWARD DESANTIS

TEACHING

Taught "Medieval Legacy" and "Ancient Legacy" during the Fall 2001 semester. Taught "On the Town" and "Luminous Lives" during the Spring 2002 semester. Also taught "Elitist Theory and the Option for Rebellion" for the ETSCS Program in the College of Education during the Summer 2002 session.

UNIVERSITY & COMMUNITY SERVICE

- Member of three dissertation committees in the ETSCS Program (Mera Triffler Wolf, Cathrene Connery, and Susan Bellati)
- Member of the Committee of Studies (comprehensive examinations) for Patti Halcli (just completed Master's Degree) and Toni Black (Ph.D.)

EDWARD DESANTIS (CONT.)

- Internal Member of the Graduate Review Team for the Department of Health Education, Physical Education, Exercise Science and Recreation (College of Education), March 2002
- Advisor for five graduate students in the ETSCS Program
- Member of the Faculty Senate Operations Committee
- Served as senator representing University College in the Faculty Senate and elected as member of the Faculty Senate Operations Committee

LESLIE A. DONOVAN

TEACHING

Taught "The Medieval Legacy" and "The Publishing Process" during the Fall 2001 semester; "The Making of a Magazine" and "Early Celtic Cultures" during the Spring 2002semester; and the "Metamorphosis in Popular Culture" unit for the Academy of Excellence Summer 2002 course. Served on thesis committees for two UNM undergraduates: Astrid Winegar, "Cross-Dressing Women Characters in Shakespeare's *As You Like It*, the Old French *Roman de Silence*, and Tolkien's *The Lord of the Rings*" and Lindsay Frank, "Pushing the Boundaries of Conformity: Le Cid, The Aberration of its Time." Served as dissertation committee member for three UNM Ph.D. candidates: Mary Friedman-Blum, whose topic deals with the exile motif in Old English and British World War I poetry; Shannon McCabe, whose topic deals with women saints in Old English and Merovingian literature, and Martha Ninneman, whose topic deals with the presentation of Guinevere in Arthurian literature from nineteenth-century Britain. Served as master teacher for one senior honors student teacher: Sandy Askew for "The Making of a Magazine."

PUBLICATIONS

"Jesters Freed from their Jack-in-the-Boxes: Or Springing Creativity Loose from Traditionally Entrenched Honors Students," *Journal of the National Collegiate Honors Council* 2.2 (Fall/Winter 2001): 93-103.

LESLIE A. DONOVAN (CONT.)

CONFERENCE PRESENTATIONS

"The Celts: Sparks that Kindle," Western Regional Honors Council Conference, Tempe, AZ, April 2002.

"Meanings Medieval: Appreciating Medieval Studies Through Tolkien's Works," National Collegiate Honors Council Conference, Chicago, IL, October 2001.

PROGRAM, UNIVERSITY-WIDE, AND NATIONAL SERVICE ACTIVITIES

- Legacy Coordinator, University Honors Program
- Faculty Advisor, UHP's *Scribendi*
- Search Committee Member, University Honors Program Faculty Search
- UNM Speech and Debate Students Association, Faculty Advisor
- Electronic Initiatives Coordinator, UNM's Institute for Medieval Studies
- Search Committee Member for Director of Institute for Medieval Studies
- Faculty Committee Member, Medieval Studies Program
- Faculty Senate Representative, UNM Student Publications Board
- Literature Contest Committee Chair, *Conceptions Southwest*
- Member, Portz Scholars and Grants Committee, National Collegiate Honors Council

CELIA LÓPEZ-CHÁVEZ

TEACHING

Served as Program Director and taught "Time, Space and Culture: Exploring the Spanish Experience" and Service Learning for the course "Between Tradition and Progress: The Development of Spanish Politics and Society" during the Honors Program semester-long study program in Trujillo, Spain during the Fall 2001 semester. Taught "Modern Legacy" and served as the Senior Teaching Coordinator during the Spring 2002 semester. Taught the "Human Rights: Taking a Stand to Shape a Better Future" unit for the Academy of Excellence Summer 2002 course.

TEACHING DEVELOPMENT

Participated in the "First Annual Conference on the Scholarship of Teaching and Learning," which was organized by the Center for the Advancement of Teaching and Learning, UNM, February 15, 2002.

IV Encuentro de Instituciones Educativas de Estados Unidos con Provedores de Cursos de Español en España (IV Meeting of U.S. Educational Institutions and Language Schools of Spain). Meeting by invitation organized by the "Español Recurso Economico" (Valladolid, Leon, Burgos, Salamanca, Avila, and Madrid, Spain), May 19-26, 2002.

CELIA LÓPEZ-CHÁVEZ (CONT.)

PUBLICATIONS AND SCHOLARSHIP

Books:

The Sword and the Muse in the Distant Frontier: Ercilla, Villagrá, and the Epic Accounts of the Spanish American Empire (book in preparation). Expected date of completion: Spring-Summer 2003.

Articles:

"Dos fronteras, dos poemas y un imperio: Felipe II y la poesia épica americana" ("Two Poems, Two Frontiers, and One Empire: Philip II and the Spanis American Epic Poetry"), in José Román Gutiérrez, Enrique Martínez Ruiz, Jaime González Rodríguez (coordinators), *Felipe II y el oficio de Rey: la fragua de un Imperio.* Madrid: Sociedad Estatal para los Centenarios de Felipe II y Carlos V, Instituto Nacional de Antropología e historia, Universidad de Zacatecas, Universidad de Guadalajara, 2001, pp. 175-213.

"Benjamín Franklin, España y la diplomacia de una armónica" ("Benjamin Franklin, Spain and the Diplomacy of an Harmonica"), in *Espacio, Tiempo y Forma* (Madrid, Spain, 2001), IV: 13, pp. 319-337.

"Un milagro de la historia: fiestas populares en Nuevo México" (A Miracle of History: Popular Fiestas in New Mexico"), in *Tiempos de América. Revista de Historia, cultura y territorio* (Valencia, Spain, 2001), 7, pp. 11-25.

"Teaching 'The Other Legacy,' Learning About Ourselves: Latin America in Honors", *Journal of the National Collegiate Honors Council* (2002), 3:1, pp. 67-74.

"From the University of Salamanca to the Far Northern Spanish-American Frontier: Adventures and Misfortunes of the Last Poet Conquistador." Paper presented at the Society for Spanish and Portuguese Historical Studies Conference in Athens, Georgia on April 13, 2002.

"From the University of Salamanca to the Far Northern Spanish American Frontier: New Lights on the History of the Last Poet Conquistador" (article submitted to New Mexico Historical Review in June 2002 and now under review).

CELIA LÓPEZ-CHÁVEZ (CONT.)

Student publication (Honors Thesis Directed in 2000)

Rachel Elaine Archer, "Society, Culture, and Heroes: Depiction of Cuban Heroine Mariana Grajales Cuello, 1893-2000", in *Latin American and Iberian Institute Research Paper Series* (2001), No. 37.

"Capitalists of the 18th Century: Jesuits, Money, and Power in Colonial Latin America." Lecture given for the Student Organization for Latin American Studies Brown Bag Series Lectures. Latin American and Iberian Institute, University of New Mexico (Albuquerque, New Mexico), February 1, 2002.

UNIVERSITY AND COMMUNITY SERVICE

- Committee member: Latin American and Iberian Institute Programs Committee
- Submission of proposal for the UNM International Task Force (February 2002)
- Advisory Trustee for the New Mexico Women Foundation (February 2002 to present)

DIANE N. RAWLS

TEACHING

Taught "How To Win Scholarships", the Senior Colloquium, "U.S. & Them", and Senior Service Learning during the Fall 2001 semester. Taught "Follow the Leader" and "Senior Teaching" during the Spring 2002 semester.

UNIVERSITY & COMMUNITY SERVICE

- Served on the Scholarships, Prizes, and Loans Committee of the Faculty Senate
- Served on the Regents' Scholars Selection Committee
- Served on the Mock Interview Team for the Rhodes and Marshall Scholarship local finalists
- Served as the UNM Faculty Representative for the Truman, Goldwater, and Marshall Scholarships
- Coordinated and served on the Mock Interview Team for the Truman Scholarship finalist

DIANE N. RAWLS (CONT.)

- Presenter at the UNM Recognition Ceremony, April 2002
- Honors Program Representative/Speaker at the College Board Breakfast and Information Update, October 2001
- Served on the Clauve Outstanding Senior Selection Committee
- Spoke at Rio Rancho High School's Ann7al Career Day, January 2002
- Attended the Arts and Sciences Advisory Committee Meeting at TV-I as the Honors Program Representative
- Spoke at the Golden Key Honors Society Meeting, November 2001

RONALD REICHEL

TEACHING

Taught "Quarks, Quasars, and Quiddities", "Shattered Visions: Themes in Modern Literature", "Senior Reading and Research", and "Senior Honors Thesis" during the Fall 2001 semester. Taught "Dostoyevski: The Light From the Abyss", "Gallows Humor", "Senior Reading and Research", and "Senior Honors Thesis" during the Spring 2002 semester. Taught "Stones, Rivers, and Abbeys" and "The Universe-Way Out There" portion of the Summer Academy course, "Changing the Shape of Ourselves: Shaping the Changes on Our Future", during the Summer 2002 semester.

UNIVERSITY AND COMMUNITY SERVICE

- Coordinator of the Science, Technology, and Society Program (STS) – a minor in the College of Arts and Sciences

URSULA L. SHEPHERD

TEACHING

Taught "Biodiversity of Tropical Australia" and "Ecological Field Research Techniques" during a field-based study program in Australia in the Summer of 2001. Taught "Natural History of the Southwest" and the accompanying "Lab for Natural History of the Southwest", as well as "Senior Teaching Preparation" for student Amena Ishak during the Fall 2001 semester. Taught "Spirit of Place", "Hello Dolly" with accompanying Lab component, and "Senior Teaching" with student Amena Ishak during the Spring 2002 semester. Taught the Cloning and Genetic Engineering" portion of the Summer Academy course, "Changing the Shape of Ourselves: Shaping the Changes on Our Future", during the Summer 2002 semester. Also mentored Senior Thesis option for Margaret Stevenson (thesis title: *Spiders: A Historical Perspective).*

PUBLICATIONS

"Microarthropods on Cryptobiotic Crusts: Species Diversity Patterns in Piñon-Juniper Woodland, New Mexico", Co-authored with Christy Tarleton. Accept4ed for publication in the *Journal of Arid Environments.*

"The Effects of Climate Change on Merriam's Kangaroo Rat, Dipodomys Merriami," Co-authoried with T. Koontz and D. Marshall, *Journal of Arid Environments*, 2001.

"Creative Approaches to Teaching Science in an Honors Setting, *National Collegiate Honors Council Forum* 1:53-61, 2001.

CONFERENCE PRESENTATIONS

"Microarthropods on Various Types of Cryptobiotic Crusts: Two Years of Species Diversity Patterns in Piñon-Juniper Woodland, New Mexico," Guild of Rocky Mountain Population Biologists, September 2001.

"The Australia Program: A Presentation of Students and Faculty – The Elements of the Program," National Collegiate Honors Council National Conference, Chicago, Illinois, November 2001.

"Microarthropods on Cryptobiotic Crusts: Species Diversity Patterns in Piñon-Juniper Woodland, New Mexico," National Collegiate Honors Council National Conference, Chicago, Illinois, November 2001.

"Hello Dolly: A Course in Genetics and Genetic Engineering," Western Regional Honors Council Conference, Tempe, Arizona, April 2002.

URSULA SHEPHERD (CONT.)

UNIVERSITY AND COMMUNITY SERVICE

- Chair, Faculty Search Committee – University Honors Program, Spring 2002
- Regents' Scholar Mentor for Lindsey Gardner
- Member of Goldwater Scholarship Selection Committee, and Mentor
- Science and Mathematics Committee, National Collegiate Honors Council
- NSF Review of Proposal for Biotic Surveys Informatics Group
- Best Practices Manual Conference and Writing for NSF International REU Programs
- Host of Rocky Mountain Population Biologists, September 2001
- Reviewer for the *Journal of Arid Environments*
- Reviewer for *Journal of Mammalogy*

MICHAEL THOMAS

TEACHING

Taught "*Conexiones Mexico*" in the Viaje al la Barranca Del Cobre during the Summer 2001 semester (with student teacher Charles Lacy-Martinez); "Modern Legacy" (with student teacher Nick Menicucci) and "The Legacy of Ballads" (with student teacher Peter Chen) during the Fall 2001 semester; and "Banned, The Legacy of Censorship" (with student teacher Louis Griego) and "People and Animals" (with student teacher Alex Baer) during the Spring 2002 semester; also directed an Independent Study with Susan Malone.

RESEARCH PROJECTS AND CREATIVE WORK

Hat Dance, a novel, completed September 2001. Accepted for publication by the University of New Mexico Press, May 2002

Butterfly Kisses, a novel in progress. Representation: Joel Gotler, Artist Management Group (AMG Renaissance)

Dead Puppy on a Hot Day," an audioplay presently submitted to KUNM radio for consideration as a radio theatre production

MICHAEL THOMAS (CONT.)

PRESENTATIONS/INTERVIEWS, ETC.

Lecturer and Facilitator "The Border in Prehispanic Times and in the Present," Common Ground, New Mexico Endowment for the Humanities, Las Cruces, NM, Chihuahua, Chihuahua. June 8-11, 2001

Consultant on "El Camino Real: Rio Abajo" for Sueño Milagroso, an educational computer game for mid-school students, TVI, Albuquerque, Las Cruces, El Paso, Texas, Cd. Juarez, Chihuahua, and Villa Ahumada, Chihuahua, August 14-15, 2001

Informal Dialogue on "Humor in Fiction" for the Southwest Writers' Series, Prescott Public Library, October 11, 2001, Prescott, Arizona

Readings from OSTRICH at the Southwest Writers' Series at Yavapai Community College, October 11, 2001, Prescott College Chapel, Prescott, Arizona

Guest Lecturer, *Meet the Authors* Seminar, UHP, UNM, Albuquerque, New Mexico, October 25, 2001

Reading: "Dead Puppy on a Hot Day", Honors Fall Graduation, December 13, 2001

Numerous promotional reading/signings of the novel *Ostrich* at bookstores and other commercial enterprises

UNIVERSITY AND COMMUNITY SERVICE

- Faculty Advisor, Scholars' Wing Program, Student Residence Center, UNM
- Member of Selection Committee, UNM Regent Scholars Program
- Member of Selection Committee, Clauve Distinguished Senior Award, UNM
- Mentor, Stephanie Ford, Regent Scholars Program, UNM

PROFESSIONAL ORGANIZATIONS

- American Anthropological Association
- Western Writers Association
- Southwest Writers Workshop

Appendix H

Honors Seminars
2001-2002

APPENDIX H

HONORS SEMINARS
2001-2002

FALL 2001

Ancient Legacy (five sections)
Medieval Legacy (four sections)
Modern Legacy (six sections)
Human Reproduction
Memories of the Holocaust
Quarks, Quasars, and Quiddities
The Sixties
"Gone Fishin": Fishing, Literature, and the Human Connection
Eastern Legacy
The Legacy of Popular Ballads: Songs That Tell the Story of a Culture
How to Win the Big Ones!
Plectics: The Study of Simple and Complex Systems
The Erotic in Literature, Philosophy and Art
Celebrity's Psychology
Politics, Theology, and Literature
Orpheus the Healer
The Publication Process (*Scribendi*, Part I)
Shattered Visions: Themes in Modern Literature
Meet the Authors
A Gathering of Waters
Globalization and Social Issues: Human Rights, Labor Rights, the Environment, and International Trade
Great Decisions 2001
Environmental Ethics
Storytelling: An Investigation into Oral Tradition
Healthcare Ethics
Latinas/os, the Law, and Public Policy: As Seen Through the Lens of Popular Culture
Natural History of the Southwest
Senior Colloquium: U.S. and Them
Senior Colloquium: The Development of Contemporary Spain

HONORS SEMINARS
2001-2002

SPRING 2002

Ancient Legacy
Modern Legacy
Thinking on Both Sides of the Brain
Magical Realism
The Legacy of Censorship
Spirit of Place: Nature in Word and Line
Malcontents, Criminals, and Rogues: Early English Outlaws
Astronomy, Astrology, Mythology
Journey Through Genius
Mysterious Productions
The Spanish Civil War (1936-1939) in History, Literature, and Art
Film Noir
Gallows Humor
History, Race, Law, and the American West
Globalization Sucks . . . Or Does It?
Hello Dolly
Meaning, Place, and Propaganda
Route 66: An American Road
Chaos, Fractals, and Complexity
Follow the Leader
Play, Performance, and Ritual Practice
Dostoyevski: The Light from the Abyss
People and Animals
The Making of a Magazine (*Scribendi*, Part II)
Culture, Health, and Healing
The Play's the Thing
On the Town
A Matter of Life and Death
Early Celtic Cultures
Senior Colloquium: We Make the Road by Walking: Creating an Organic Community Through Service Learning
Senior Colloquium: Private and Public Selves
Senior Colloquium: Luminous Lives

SUMMER 2002

Conexiones México
Stones, Rivers, and Abbeys
Changing the Shape of Ourselves: Shaping the Changes in Our Future (Course Offered during the Summer Academy of Excellence for Qualified High School Students)

Appendix I

UHP Lectures, Presentations, and Co-Sponsorships 2001-2002

LECTURES, PRESENTATIONS, AND CO-SPONSORSHIPS 2001-2002

UHP LECTURES

The Practical Classics, V.B. Price, UHP Fall Legacy Lecture Series

The Fine Arts Through the Ages: What Do These Works Teach Us? Discussion included UHP Faculty and Students, UHP Fall Legacy Lecture Series

Visiting Authors lecturing for the University Honors Program Seminar, *Meet the Authors*, taught by Steve Brewer: Kate Horsley, Tony Hillerman, Jake and Susanne Page, Judith Van Gieson, Max Evans, Michael Thomas, Suzy McKee Charnas, Demetria Martinez, and Fred Harris

Narrative Ethics and Pain: Thinking with Stories, David Morris, Fall 2001 Garrey Carruthers Distinguished Chair in Honors

Walking, Listening, and Necessity: The 'How' of Why I Write Music, Chris Schultis, Professor, Department of Music, Lecture during the 2002 Summer Academy of Excellence

September 11th and the Future of American Foreign Policy, Mark Peceny, Associate Professor, Department of Political Science, Lecture during the 2002 Summer Academy of Excellence

Astronomy in the Pueblo World: One Astronomer's Vies, Michael Zeilik, Professor, Department of Physics and Astronomy, Lecture during the 2002 Summer Academy of Excellence

The Diffusion and Impacts of the Internet, Everett Rogers, Professor, Department of Communication and Journalism, Lecture during the 2002 Summer Academy of Excellence

Special Lecture by John Wunder, the Spring 2002 Garrey Carruthers Distinguished Chair in Honors, April 2002.

UHP PRESENTATIONS AND DISCUSSIONS

Attack on America Conversation, Discussion for UHP students and faculty regarding the September 11th attack on the World Trade Center and Washington, D.C., September 17, 2001

An Artist's Cafe, featuring literary and visual works by the University Honors Program Seminar, *Spirit of Place*, taught by Ursula Shepherd and Margy O'Brien, Spring 2002

Explore the Gathering of Waters, Honors Seminar Exhibition in the Zimmerman Library Lobby, December 4, 2001

PRESENTATIONS BY STUDENTS AT THE *CONEXIONES MÉXICO* CERTIFICATE OF ACHIEVEMENT COLLOQUIUM, AUGUST 2001:

Acculturation, Modernization, and Pollution in the Tarahumara Region of Chihuahua, Belen Villareal

Cultural Contrasts in the Images and Treatment of Animals, Armando Lamadrid

Teresita of Caborca and the Persecutions in Tomochic, Chihuahua, Yvonne Flores

Culture Shock and a Near Death Experience, Tina Nguyen

Biodiversity in the Sierra Madre, Charles Lacy-Martinez

PRESENTATIONS BY STUDENTS WHO ATTENDED THE UNIVERSITY HONORS PROGRAM "BIODIVERSITY IN AUSTRALIA SEMINAR" DURING THE SUMMER OF 2001 (DR. ALEX DEANGELIS, NATIONAL SCIENCE FOUNDATION, ALSO ATTENDED THE PRESENTATIONS.)

Distribution of Two Holothurian Species, Holothuria atra and Stichopus chloronotus at Lizard Island, Brianne Schneider

Distribution of Holothuria atra and Stichopus chloronotus at Lizard Island, Chris Heaphy

Coral Shape and Location on Reef Patches at Lizard Island, Linda Melendres

Abundance and Distribution of Spirobranchus giganteus on Porites sp. in the Great Barrier Reef, Darrell Dinwiddie

Effects of Depth and Size of Porites sp. on Abundance of Tridacna crocea, Paul Gomez

Plant Diversity of Coastal Areas on Lizard Island, Jennifer Salaz

Behavioral Regulation of Body Temperature in Litoria caerula, Aubrie Ater

Diversity of Arachnids on Lizard Island, Margaret Stevenson

Similarity of Ant Communities Along a Transect on Lizard Island, Claire Craig

Interactions Among the Yellowtail Demoiselle, Neopomacentrus Azysron, and Coral Reef Fishes Entering Their Habitats, Lindsey Gardner

Who's Who? Do Stegastes lividus Differentiate Fish Species Within Their Territory? Chloe Peterson

What Is the Preferred Feeding Habitat for Scarus rivulatus? Andrea Harbison

APPENDIX I

PRESENTATIONS BY STUDENTS WHO ATTENDED THE UNIVERSITY HONORS PROGRAM SEMESTER-LONG STUDY PROGRAM IN TRUJILLO, SPAIN, DECEMBER 2001:

A Guide of Trujillo: The Evolution of a Spanish Community, Elena Bissell

Trujillo: The Website, Katie Moseley

Un Camino Hacia Dios/A Walk for God: The Journey of Two Children, Valerie Valles

Que Raros Sois: A Look at Folk Music in Extremadura, José Sanchez

Santa Teresa and the Hypocrisy of the Catholic Church, Stephen Smith

Spanish Mystics: The Mysterious Relationship, Veronica Garcia

Mary and the Spanish Reconquest: Representations of the Virgin Mary in Extremadura's History, Sarah McKinney

The Spanish Church: Catholicism Then and Now, Rachel Johnston

Female Spiritual Figures Throughout Spanish History, Gina Herbert

Carmela's Time Machine: A Journey Through Spain, Jessica Lopez

Spain's Bull Culture, Julia Gilroy

Flamenco: A Cry From Within, Ruth Aragon

A Symbolic Interpretation of Spain, Izaac Tajan

Generacion 27: Its Emergence and Literary Importance in Spain, Charles Lacy-Martinez

Spanish Fiestas and Las Fallas, Glenn Joyce

Madrid: Heart and Life of Spain, Jeff Abeyta-Killman

"Picasso and Spain: Reflections of Blue," Stephanie Garcia

Guernica, Picasso, and the War, Michelle Fischer

The Role of the Church in the Spanish Civil War, Vincent Valdes

Understanding the Moustache: Dali, Velasquez, and the Concepts of Time and Space in Spanish Painting, Siobhan Asgharzadeh

CO-SPONSORSHIPS

Classical Greek Theatre Festival

Production of Sophocles' *Antigone*, performed by the University of Utah's Babcock Theatre, September 17, 2001.

Medieval Studies Lecture Series on "Medieval Italy: Gateway to the Modern World," Spring 2002

A Tale of Two Hundred Cities, Leslie K. Little, March 4, 2002

Carrying Wine in Northern Italian Cities, Leslie Kittle, March 5, 2002

Dante's Divine Comedy: Poetry, History, Time, and Reality, Christopher Kleinhenz, March 5, 2002

Mulieres Salernitiane: The Medical Practices and Reputations of the Women of Twelfth Century Salerno, Monica Green, March 6, 2002

Giotto and the Arena Chapel: The Invention of Drawing, William Tronzo, March 6, 2002

Another Italy: The Ambiguity and Mythology of Medieval Venice, John Barker, March 7, 2002

The Capella Palatina in Palermo and the Image of Medieval Italy, William Tronzo, March 7, 2002

Other Events

Sigma Xi Science & Technology Public Lecture Series

Order for Free vs. No Free Lunch, Symposium on the Origins of Order, Stuart Kauffman and William Dembski, November 13, 2001, co-sponsored with The Center for Advanced Studies and the Department of Psychology

2002 La Raza Commencement Ceremony, May 2002

Appendix J

Scholars' Wing Report
2001-2002

SCHOLAR'S WING REPORT
2001-2002

THE MISSION OF SCHOLARS' WING

Since Fall semester 1991, the office of Student Affairs and the University Honors Program have offered a residence hall option designed to acknowledge, reward, and enhance undergraduate academic excellence at the University of New Mexico. This Scholars' Wing option evolved in conjunction with the prestigious Regents' Scholarship. The central idea of Scholars' Wing was to support the Regents' Scholars by providing a community with shared values of high academic achievement. Scholars' Wing was designed to foster such a community, a community of students who maintain academic scholarships and/or are active participants in the University Honors Program. Scholars' Wing gives residents the opportunity to form a broad-based community of achievers. Those involved in the creation of Scholars' Wing assumed that students in such a community would do better and be less likely to drop out. This assumption has, to date, not been formally tested, but an impressive list of honors has been bestowed upon Scholars' Wing students and alumni during the eleven-year tenure of the program. Both of UNM's recent Rhodes Scholars lived in Scholars Wing for several years. Many Scholars' Wing alumni have gone on to attend graduate or professional schools, often with prestigious fellowships. Four of this year's eight Clauve Outstanding senior awards were awarded to students who had lived on Scholars' Wing. Two of these students had lived on Scholars' Wing for their entire four-year career at UNM and were doing so when the awards were made. The task of creating and implementing goals that further the Scholars' Wing mission is the responsibility of the faculty advisor in consultation with Student Affairs and the University Honors Program. As the program has evolved, the final report for a particular academic year has been indicative of the directions the program will take for the upcoming year.

CHALLENGES/GOALS, 2001-2002

As suggested above, the challenges facing the program were suggested in the final report of the 2000-2001 academic year. The following goals were formulated:

- To avoid the conflict and divisiveness that marred the 2000-2001 academic year (see the final report for 2000-2001);
- To consolidate and extend the strong community feeling at Hokona Hall;
- To build enduring traditions to give Scholars' Wing an enhanced sense of identity and continuity;
- To foster supportive connections between the SRC and Annex students (upperclassmen) and the Hokona component (largely first-year students);
- Formalize oversight for students editing the newsletter;
- To identify and retain the policies and activities that successfully create community and promote the value of academic excellence.

DEMOGRAPHICS

SRC Component:	(SRC building 88J)27 2nd - 4th year students (10 men, 16 women)
Hokona Component:	75 students: 46 1st year students, 29 2nd - 4th year students. (40 men and 35 women)
"Annex" students	2nd- 4th year students living outside of Hokona and SRC settings: 12 men, 6 women
Total:	120 students (62 men, 58 women) 46 1st year students, 74 2nd - 4th year students. All students have academic scholarships (Regents, Presidential, Amigo, and UNM Scholarships) and/or are students in the University Honors Program.

27 Regents' Scholars.

The group is diverse in terms of ethnicity, and UNM major.

FACILITIES

Hokona Faculty Office (#358 HOKONA):
The faculty advisor is available for eight office hours weekly.

Hokona Computer Room/ Lounge:
This facility (#360 Hokona) features a computer, a printer, and reference works. An inexpensive TV/VCR is also available. Several older computers with word processing and connectivity capabilities were available to students for semester-long checkout. The lounge was used for study, computer work, and socializing. The printer is networked to allow students to send print jobs from personal computers in their rooms. The lounge was in almost constant use and was a functional complement to the other lounges (see below) on the floor. SRC and Annex students had access to the Hokona Facility. In addition, a computer for connection to the campus system and word processing was provided for reach SRC apartment. In 2001-2002, an informal group worked with Dr. Thomas to maintain and monitor the lounge equipment, particularly the computer. These students established and periodically maintained a Web site for Scholars' Wing. They also created and maintained the network and decorated the lounge and maintained the plants. In addition to this main lounge (known to all as the "Entropy Lounge," students at Hokona also had access to two furnished, enclosed, and carpeted lounges. Both have attached kitchenettes. Plants, magazines, air filters and a microwave help make the lounges attractive places to gather.

PROGRAMS AND SERVICES

- Counseling, advisement, and academic support are available from the Faculty Advisor at Hokona Hall, in his office at the Honors Program, and during meals (he eats two or three times a week at La Posada, the student cafeteria).

- Dr. Thomas arranged with Residence Life to provide meals to UNM faculty to encourage them to use La Posada and engage students there in informal circumstances. This program was a dismal failure. Faculty contacted by Dr. Thomas declined to eat at La Posada, even when the proposed meals were both free and available at their discretion. Students similarly declined to invite mentors and other faculty to gather about the communal tables at La Posada.

- Regular get-togethers for conversation and discussion of program activities, lounge decoration parties, and/or workshops such as "Study Skills for *a* Students," "Finals Week Survival Skills," etc. were held. These events usually took place in one of the lounges on the third floor of Hokona Hall. Some events, however, were held at volunteered apartments at the SRC Building 88J; and two events—a Fall Semester picnic and a pizza get-together—were held at other residence halls (these were hosted by Annex students). The get-togethers were immensely popular and quite a successful tool in creating and maintaining community.

- Occasional outings to cultural/educational destinations such as the Albuquerque Zoo, The Albuquerque Biopark, The Museum of Natural History, the Hispanic Cultural Center, lectures (such as Kurt Vonnegut), and Popejoy Hall drama presentations were also planned.

- Continued Support for the Hokona Art Gallery: With the encouragement of the Faculty Advisor, students in 2000 established an Art Gallery and were allowed to choose and display posters and prints for the common areas of the Hall. SRC88J residents were allowed to choose one poster per apartment for their common space (their living rooms).

- *Noticias:* The 2001-2002 volume of the weekly newsletter showed innovations. Dr. Thomas named Senior Susan Malone as the newsletter's Executive Editor. Ms. Malone provided support to students who volunteered to edit. Ms Malone edited the newsletter herself on the three occasions that no student volunteer came forth. The newsletter moved towards complete student control. Student editors continued to approach the newsletter as a creative outlet and resisted attempts by Ms. Malone and Dr. Thomas to promote continuity of form and content. The newsletter retained the rather anarchic feel of previous years. Dr. Thomas input was limited to articles that announced events, opportunities, and services. The

newsletter primarily provided a forum for student involvement (students edit and contribute 80% of the articles, columns, cartoons, poems, banners, features, etc.). Students also used *Noticias* to organize group outings to arcades, films, sporting events, and popular music concerts, as well as trips to neighboring cities and nature outings such as camping trips. Heated controversies centering on editorial practices, offensive content, and censorship issues erupted at the end of both the Fall and Spring semesters. *Noticias* is very popular and is the flash point for student engagement of all sorts.

SUMMARY, CHALLENGES AND ACCOMPLISHMENTS FOR 2001-2002

Because of the terrorist attacks on the Pentagon and the World Trade Center on Sept. 11, 2001, the 2001-2002 year at Scholars' Wing has been unique and difficult to evaluate. In Hokona Hall, the community came together very slowly. Students at Hokona kept the doors to their room mostly closed until well into Spring Semester[1]. Many SRC and Annex Students attended early functions (in August and Sept.) at Hokona Hall and took turns at editing *Noticias* during the Fall semester (no first-year student edited until late November). Despite attempts of the upperclassmen to engage first-year students, however, they did not integrate quickly into the community. Early events featured raucous upperclassmen failing to connect with demure first-year students. The pattern persisted throughout the year and appears to be related to the pall created in the wake of the terrorist attacks. In contrast to 2000-2001, the 2001-2002 community integrated new students very gradually. The intense rivalries and conflicts of 2000-2001 gave way to the subdued interaction and muted conflicts of 2001-2002.

The subdued nature of the 2001-2002 year provided Dr. Thomas with an opportunity to reflect and assess. He used this opportunity to find ways to make his work more effective. Noting that the time he is able to devote to his duties at Scholars' Wing is limited, he found ways to involve volunteer students and energize Residence Life Residence Assistants (RAs). He developed, for example, mechanisms to formalize volunteer responsibilities and rewards. He met with the Dean of Students, Randy Boeglin, and the Hokona Hall Area Coordinator, William Porter. The idea was for Dr. Thomas to be able to delegate some responsibilities. This would allow Dr. Thomas to devote himself more entirely to advising students and creating events that will further enhance academic values. Dr. Thomas worked on this throughout the 2002 Spring semester. The mechanisms he was able to create will be implemented during the 2002 Fall semester.

[1] Students see open doors as an index of community. When the community at Hokona jells, people will tend to leave their doors open much of the time and students feel comfortable wandering into one another's room to ask a question or engage in conversation.

Appendix K

Regents' Scholars Report
2001-2002

REGENTS' SCHOLARS REPORT
2001-2002

The Regents' Scholars Program has now completed its first decade! It again had a very successful year; the Scholars were outstanding by any measure, and they distinguished themselves in a wide variety of areas and accomplishments. A total of eight Scholars graduated in May 2002, with another one who will complete his degree requirements in December 2002 or May 2003. (This particular class of Scholars was small to begin with, so their numbers are smaller than usual.) There were 60 Scholars during the 2001-2002 year, and 13 new Scholars will enter UNM in Fall 2002 as freshmen (see Page 56 for a complete list of scholars). The Scholars continue to be extremely successful in their academic endeavors; the average GPA among all the Scholars was 3.88. 37 Scholars have GPA's higher than 3.9, and eight of the 57 Scholars have cumulative GPAs greater than 4.1

Dr. Diane Rawls completed her ninth year as the Regents' Scholars Coordinator, working closely with the Scholars on a regular basis; she held monthly meetings, issued a monthly newsletter, and met with individual Scholars as necessary. All Scholars are matched with a faculty mentor in their major fields, and Dr. Rawls identified and assigned these faculty members for the new Scholars prior to the beginning of the Fall semester. During the year, she monitored the Scholars' progress and reviewed their schedules prior to registration. She also acted as ombudsperson when Scholars needed assistance with various UNM offices. In their graduation exit surveys, Scholars said that Dr. Rawls' contribution to their experience at UNM was of great value. Scholars also commented positively on the activities that Dr. Rawls coordinates, and praised the sense of community she helps foster among the Scholars.

In October, the freshmen attended a Ropes Course which developed the Scholars' group identity and helped them work together as a team; all of the attendees reported very favorably on the experience, and said it had contributed greatly to the sense of community they all have. Scholars continue to participate in this type of course each fall.

Attendance at the Scholars' monthly meetings was generally good, depending of course upon the class schedules and outside commitments of the Scholars. The meetings serve as an opportunity to deal with issues and problems relating to the Program; to keep track of academic progress; and to bring Scholars together as a group. Scholars also attended dinners at the end of each semester to mark their successful completion of another term. These dinners are very popular and draw a large group of students each time.

The Scholars' newsletter, *Reflexiones*, was again issued each month via e-mail. It served as a means of communication between the Coordinator and the Scholars, keeping them up to date on events and opportunities available, and reminding them of deadlines, requirements, and changes at UNM that might affect them.

The Scholars are usually involved in a variety of activities outside their academic pursuits. Many Scholars paid visits to their hometown high schools, and promoted UNM and the Regents'

Scholars Program. There were also Regents' Scholars at many campus and community events; the Scholars do a wonderful job representing UNM statewide, and they are always hailed as the most effective speakers by those who attend. Scholars also give much of their free time to numerous community volunteer organizations and to political causes both on and off campus.

Several Scholars are actively involved in ASUNM; John Probasco served as Chief Justice of the ASUNM Student Court, and Josh Ewing also was a Justice on the Court. Rosalyn Nguyen was on numerous committees, including a space allocation group determining services to be included in the renovated Student Union Building. Sarah McKinney worked on ASUNM's Special Events Committee, and will be its Executive Director next year. Many Scholars also were very active in the tutoring program at Jefferson Middle School, a volunteer opportunity begun by a former Regents' Scholar and now overseen and coordinated by Rosalyn Nguyen. Almost all of the Scholars are also involved in individual volunteer experiences both on campus and in the local Albuquerque community.

This year again was a strong year for Scholars' achievements in national competitions. John Probasco, of Albuquerque, was named UNM's latest Rhodes Scholar in December 2001; he is also the first UNM student ever to be awarded three of the most competitive and prestigious national scholarships: the Goldwater, the Truman and now the Rhodes. He is also the second UNM student in just four years to win the Rhodes Scholarship, and the second Regents' Scholar to do so. John was also named one of the UNM Clauve Outstanding Seniors, as was Josh Ewing. Rosalyn Nguyen, a junior Regents' Scholar, was selected as the Outstanding Anderson School major in the University Honors Program, and she also was one of the students recognized by the university for her outstanding service to the UNM community. These Regents' Scholars are making names for themselves, and for UNM, on the national level with these awards, and proving that UNM can compete with any university at this level.

Scholars have also taken advantage of UNM's study abroad opportunities; Veronica Garcia and Ruth Aragon participated in the first Honors Semester, in Fall 2001, in Trujillo, Spain. Adam Collingsworth spent the academic year in Bonn, Germany; Stephanie Ford has been in Australia for the Spring 2002 semester and is going to remain there through the fall; Eva Angeli and Claire Craig both went to Chambery, France for the academic year. From all reports, they all have had terrific experiences and recommend this opportunity to their classmates and colleagues.

The Regents' Scholars mentorship program has proven to be immensely valuable and important to both the Scholars and their faculty mentors. Based on the Scholar's major, mentors are chosen from faculty who have received recognition in the University community for their teaching and scholarship. Contact between the mentor and Scholar varies, depending upon need and schedules. Often, mentoring occurs during office hours and in informal coffee or lunch conversations. The mentor/Scholar relationship develops over time and ultimately becomes both professional and personal. The mentor serves as a role model and advocate for the Scholar. There are many opportunities to discuss areas of mutual interest, and the Scholar is challenged by the ongoing interaction with an experienced professor. Often, the Scholars are given opportunities such as internships and work situations, and they receive a perspective on the University community and on the world of scholarship and research that most undergraduates do not get. In fact, several mentors whose Scholars graduated have volunteered to continue as mentors to new Scholars, thus validating the program. (See Page 55 for a complete list of mentors.)

When asked about the value of the Regents' Scholarship, the Scholars, obviously, welcome the financial freedom that the scholarship gives them, and that they can devote themselves to other areas instead of having to work to pay their bills. They almost always also comment on the sense of community that exists among the Scholars; these students form life-long friendships with each other, and they share strong bonds in the activities they pursue, their major areas of study, and their future plans. For some Scholars, this aspect of the scholarship is of great importance; it has contributed greatly to their college years, and they are grateful that UNM and the scholarship provided them with these experiences. Many of them also comment on the diversity they found at the university, both among students and among the faculty. They all greatly appreciate the assistance and attention they are given as Regents' Scholars, and I think that all of them are glad that they elected to come to UNM instead of going elsewhere. These students are the type who are offered admission to many of the top-ranked schools in the country, and without the Regents' Scholarship, many said they would have gone to another school.

I would also like to mention the plans of some of the graduating seniors; as I said earlier, they are truly a remarkable group, and I am sure that they will go on to great things which will benefit their communities and their professions. Josh Ewing, a Political Science major from Albuquerque, will be attending UNM's School of Law in the fall. John Probasco will leave for two years in England, at Oxford University, in the fall; when he has completed his Rhodes Scholarship opportunity, he will return to the U.S. to attend medical school at University of California San Francisco, planning not only to obtain an M.D. there, but also a Ph.D. Victoria Gonzales is going to graduate school in international relations, continuing to benefit from her IIPP award. Diane Garst, a Speech and Hearing Studies major from Alamogordo, has been accepted into the Master's Program at the University of Dallas.

The Regents' Scholars Program owes its continued success to many people; thanks go to the Board of Regents, and to President William Gordon for his continued support...we are going to miss him and his wife a great deal! Thanks also to the Vice-President for Student Affairs, Dr. Eliseo Torres, whose assistance and support are indispensable to the Program. And a very large thank you to Scott Alley, from UNM's Public Affairs Office, who oversees and organizes the social events for the Scholars each year; her contribution to the Scholars Program is immeasurable. Alex Gonzalez, Robert Romero and Sandra Bernard of the UNM Scholarship Office spent untold hours working on the Scholarship, screening applications and assisting with interviews. Many faculty, students and staff participate in the selection process each year, and in the interviewing of candidates. The University Honors Program is also a vital component in the success of the Program; thanks to the assistance of Marcia Glenn, Karen Rand and Sissy Cordero, the bureaucracy runs smoothly and efficiently. Dr. Rosalie Otero, Director of the Honors Program, serves on the Regents' Scholars Task Force, participates in the selection of Scholars and supports the efforts of all the Scholars during their time at UNM. The Regents' Scholars are an exceptional group of young people, and it is to UNM's credit that this scholarship has enabled these outstanding students to study here.

REGENTS' SCHOLARS MENTORS
2001-2002

Michael Thomas	University Honors Program
Mary Ann Nelson	Biology
Fred Harris	Political Science
Ellen Grigsby	Political Science
Joe Stewart	Political Science
Rob Miller	Biology
Rosalie Otero	University Honors Program
David Bear	Cell Biology
Mark Peceny	Political Science
Ursula Shepherd	University Honors Program
Janet Patterson	Speech & Hearing Sciences
John Gluck	Psychology
Jim Brozik	Chemistry
Leslie Umphrey	Music
David Kauffman	Engineering
Diane Goade	Internal Medicine
Randy Partin	Political Science
Henry Shapiro	Computer Science
Christine Sierra	Political Science
Stephanie Forrest	Computer Science
Sharon Warner	English
Diane Rawls	University Honors Program
Rey Saenz	Pharmacy
Gregg Starr	Mechanical Engineering
Dan Feller	History
David Vanderjagt	Biochemistry
Gloria Birkholst	Nursing
Vera Norwood	American Studies
John Caffo	Physics
Mark Ondrias	Chemistry
Leslie Donovan	University Honors program
Robert Busch	Nuclear Engineering
Tim Canova	UNM Law School
Harold Delany	Psychology
Elizabeth Keefe	Special Education
Charles Fleddermann	Electrical Engineering
Lorraine Deck	Chemistry
William Anderson	Biochemistry
Rob Miller	Biology
Matt Borrego	Pharmacy
Steve Abcouwer	Biochemistry

APPENDIX K

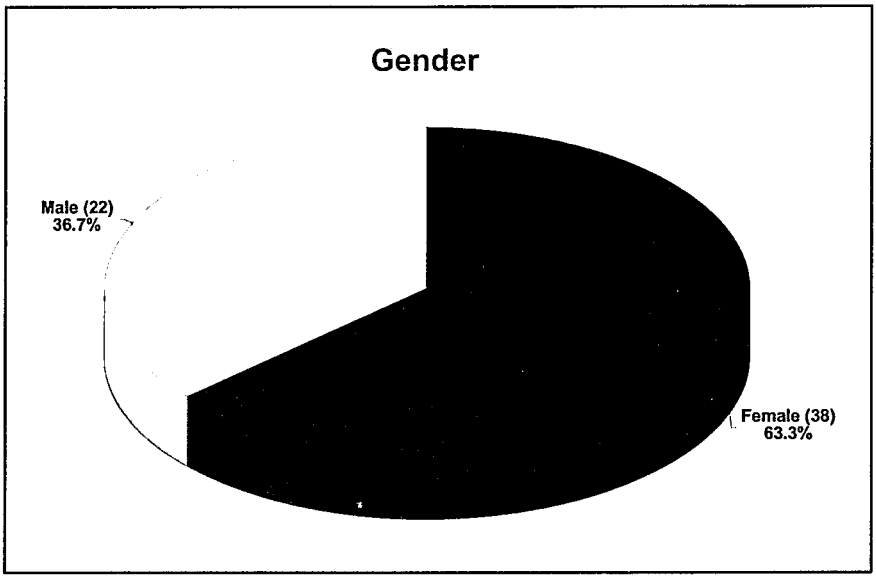
SCHOLARS 1998-2002

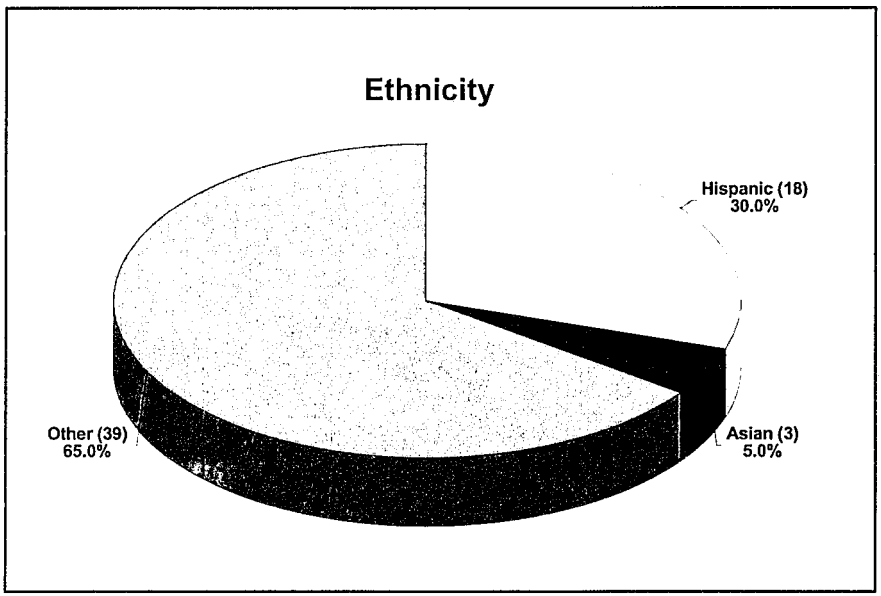
NAME	HIGH SCHOOL	MAJOR
Amber Ambercrombie	Alamogordo High School	Biology
Joshua Alexander	La Cueva High School	Political Science
Kathryn Allen	Del Norte High School	English
Anna Angeli	Sandia High School	Creative Writing
Ruth Aragon	St. Pius High School	Political Science
Carlee Ashlee	Manzano High School	Biochemistry
Sandra Askew	Rio Grande High School	Creative Writing/Psychology
Jessica Bachicha	Rio Rancho High School	Music/Languages
Katherine Ali Burr	Albuquerque Academy	International Studies
Peter Chen	La Cueva High School	Chemistry
Adam Collingsworth	Highland High School	Biology/Languages
Claire Craig	Albuquerque High School	Undecided
Emily Crump	La Cueva High School	Biochemistry
Jade Delfin	Albuquerque Academy	Special Education
Kathy Dong	West Mesa High School	Biology
Breanne Duncan	Albuquerque High School	Computer Science
Amber Ellison	Moriarty High School	Political Science
Jocelyn Duran	Cuba High School	Education
John Espinoza	St. Pius High School	Biology
Josh Ewing	Sandia Preparatory	Psychology
Joseph Farfel	Alamogordo High School	Engineering
Stephanie Ford	Henry Foss H.S., Washington	Anthropology
Addie Frye Weaver	Highland High School	Pharmacy
Veronica Garcia	Valley High School	Pharmacy
Lindsey Gardner	Highland High School	Biology/Pre-Vet
Diane Garst	Alamogordo High School	Speech Pathology
Nathan Gauntt	Manzano High School	Computer Science
Simon Goldfine	Del Norte High School	Political Science
Victoria Gonzales	Pecos High School	Political Science
Frank Hemingway	Las Cruces/Onate High School	Engineering
Scott Hudson	Sandia High School	History
Lindsey Lesch	Rio Rancho High School	Classics/Pre-Med
Anna Lusero	Longmont High School, Colorado	Spanish/Latin American Studies
Melissa Maes	Highland High School	Chemical Engineering
David Manzanares	Pojoaque High School	Biochemistry
Ebany Martinez	Las Vegas Robertson High School	Biology
Sarah McKinney	Eldorado High School	Political Science

SCHOLARS 1998-2002 (CONT.)

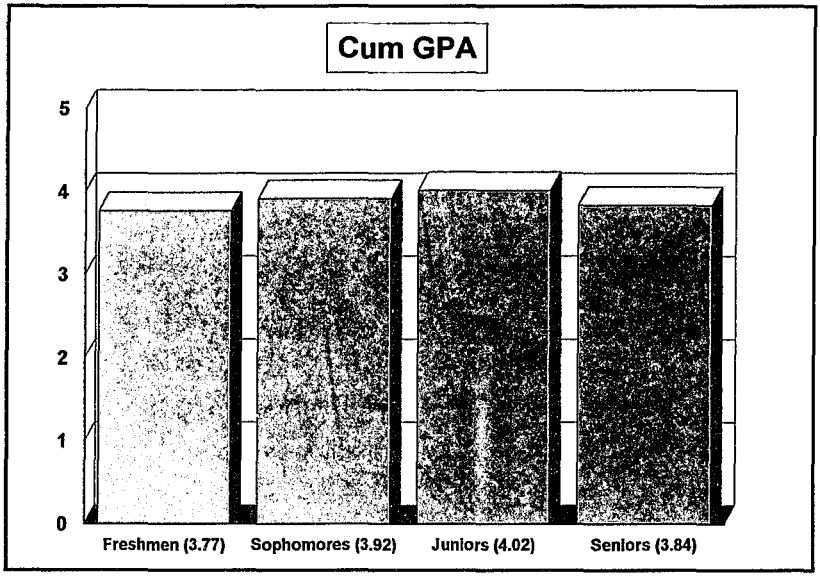
NAME	HIGH SCHOOL	MAJOR
Lisa Montoya	St. Pius High School	Undecided
Miranda Moss	La Cueva High School	Journalism
Louis Metzger	Cibola High School	Biochemistry
Sean Murray	Albuquerque Academy	Mechanical Engineering
Adrian Myers	Grants High School	Chemistry
Rosalyn Nguyen	Tucumcari High School	Biology
Paul Ortega	Las Vegas McCurdy High School	Anderson Schools
Trish Padilla	Grants High School	Chemical Engineering
Miranda Palmer	Moriarty High School	Psychology
Elizabeth Peck	Montezuma Cortez H.S., Colorado	Creative Writing
Daniel Peregrino	Gadsen High School	Flamenco
Andrew Post	Eldorado High School	Computer Science
Brian Post	Eldorado High School	Computer Science
John Probasco	Alamogordo High School	Biochemistry
Thomas V. Quirk, IV	Las Cruces High School	Nuclear Engineering
Amanda Smith	Eldorado High School	Psychology
Stephanie Sanchez	Rio Grande High School	Undecided
Wayne Schlingman	Montrose High School, Colorado	Psychics
Elyse Sewell	La Cueva High School	Biology
Emiliano Valles	St. Pius High School	Biology
Meredith Wallis	Albuquerque High School	American Studies

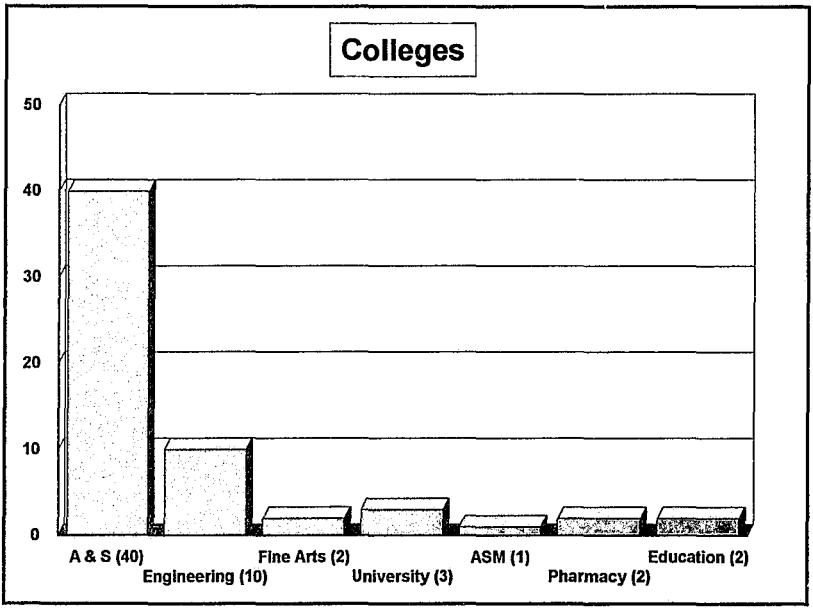
REGENTS' SCHOLARS STUDENT PROFILE
2001-2002





REGENTS' SCHOLARS STUDENT PROFILE
2001-2002





Appendix L

List of Donors to the University Honors Program 2001-2002

UHP DONORS
2001-2002

Gerald Ames
Dave Anderson
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Barbara Schwartz
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APPENDIX M

SUMMER ACADEMY OF EXCELLENCE
2001-2002

June 3-28, 2002

FINAL REPORT

by

Rosalie C. Otero

SUMMER ACADEMY OF EXCELLENCE
FINAL REPORT

by

Rosalie C. Otero

University College through the University Honors Program and the financial support from the Office of the President and from College of Pharmacy Dean William Hadley, the University of New Mexico instituted a Summer Academy of Excellence for high school students. The Academy was designed to attract the best and brightest local high school juniors and seniors to experience honors-level work.

The Academy offered three courses (three credit hours each)for four weeks, June 3-28, 2002. A lecture series was included to enhance the curriculum and give students an opportunity to interact with several UNM faculty. Students could choose to enroll in one of the following: "Changing the Shape of Ourselves: Shaping the Changes in Our Future" co-taught by Drs. Ursula Shepherd, Leslie Donovan, Celia Lopez-Chavez, and Ron Reichel; "Implications of Contemporary Material Culture for the 21st Century" taught by Ruth Meredith; or "Shaping Our Communities" taught by Dawn Stracener.

The lectures were scheduled on each Tuesday night of the term. Dr. Chris Schultis, Professor of Music spoke on "Walking, Listening and Necessity: the How of Why I Write Music." Dr. Mark Peceny, Professor of Political Science spoke about "September 11 and the Future of American Foreign Policy." Dr. Michael Zeilik, Professor of Astronomy addressed the "Astronomy in the Pueblo World: One Astronomer's View." Dr. Everett Rogers, Professor of Communications & Journalism spoke about "The Diffusion and Impacts of the Internet."

The criteria for students enrolling in the Summer Academy was the following:

1. Students must be either a high school senior with an expected graduation date within one calendar year (concurrent enrollment)or a high school student who graduated in May 2002.
2. Minimum requirements (one or more of the following):
   - class rank in top 10%
   - cumulative grade point average of 3.5 or better on a 4.0 scale in subjects counted toward graduation
   - an ACT composite score of 28 or an SAT total score of 1200.
3. Students who have completed their junior year must complete UNM concurrent enrollment criteria.

The application for the Summer Academy included a brief form with relevant information (name, address, GPA, etc.), an unofficial school transcript and a brief essay about why the student wanted to participate in the Academy.

Terry Babbitt and the Office of Recruitment Services distributed over 1,000 brochures to local high schools. The brochures were prepared by Rosalie Otero and Karen Rand in the Honors Program. In addition, Justin Roesch, one of the Honors students hired to be an assistant for the Academy, visited his alma mater, Manzano High School and recruited students.

Despite the efforts of Recruitment Services and Justin, the Academy experienced low enrollment this summer because we were unable to get materials out to the schools early. We decided, however, not to cancel the Academy, but to have it go forward as a pilot program. We offered one course, "Changing the Shape of Ourselves: Shaping the Changes in Our Future," and presented all four lectures that had been scheduled.

Eight students from Manzano, Del Norte and Eldorado High Schools enrolled. Complete statistical information on these students can be found at the end of this narrative.

Although small (eight students rather than the projected 45), the Summer Academy was successful. The students reported that they were exposed to a great deal of information and ideas in a short time. They had the opportunity to think critically and creatively about topics they hadn't thought about before the seminar and the lectures. They had excellent comments about what to do or not do next time. They would have preferred to have one faculty member rather than albeit related topics by four faculty in four weeks. "It was too much reading," was a common lament. They also thought one or two lectures would have been sufficient. They had positive comments about the University Honors Program and the University of New Mexico.

The faculty, too, thought that the Academy had been successful. They were frustrated by the few students and the amount of work necessary for three hours of credit, but they thought it was a good pilot. We learned some things about how to make the Summer Academy better in future summers. A budget summary follows as well as copies of the syllabi used for the course and a summary of the students.

2002 Summer Academy Students				
Name	**High School**	**GPA**	**ACT/SAT**	**Ethnicity**
Eva Renee Chávez	Del Norte	4.18		H
Lisa Denton	Manzano	3.70		W
Stephanie Guertin	Manzano		28	W
Zoe Nellie Meyer	Eldorado	4.00	31	W
Diem Ngoe Nguyen	Manzano	3.70		A
Katie Noel Rarick	Manzano	4.33	26	W
Eva Cézanne Turner	Manzano	3.37	26	W
Julie Werner	Manzano	4.10	30	W

CHANGING THE SHAPE OF OURSELVES: SHAPING THE CHANGES ON OUR FUTURE

PROGRAM GOALS

The University of New Mexico is concerned with the academic experience and involvement of its students. The Summer Academy concentrates on fostering a comfortable and intellectually stimulating environment in which the students learn to adapt to the college atmosphere as they transition out of high school. The Summer Academy offers students invaluable access and exposure to the academic rigors of college in preparation for future University studies.

COURSE OBJECTIVES

We want to think about the future and our role in its development by examining the physical/literal and nonphysical aspects of the world we live in. Ask yourself: Can we change the future or are the events of future destined to happen? In examining everything from the macrocosmic (the universe) to the microscopic (genes), perhaps we can determine how we've arrived at this point and what the next conceivable step into tomorrow might be. Furthermore, we will be examining the social issues surrounding civil rights and political awareness as these are pertinent to culture. Throughout the course, ask yourself: What makes the universe out there what it is, what makes us who we are, and are we "part and parcel" of the universe?

SCHEDULE AND EXPECTATIONS

Week 1 (June 3-June 6)

Dr. Ursula Shepherd will discuss Genetics and its role in changing the structure of life. Students will think critically about topics such as cloning, genetic selection, and genomics.

June 4: Dr. Chris Schultis, Professor of Music
"Walking, Listening and Necessity: The 'How' of Why I Write Music"
7:00 pm in the Honors Center *(Friends and family are welcome to attend)*

Week 2 (June 10-June 13)

Monday and Wednesday of this week, Dr. Leslie Donovan will introduce ideas of human metamorphosis and its role in popular culture. The class will begin discussing perceived roles in society and how these roles shift across time and in response to cultural needs. Tuesday and Thursday of the same week, Dr. Ron Reichel will commence an introduction and introspective discussion that examines the universe and our role in the grander scheme of the "eternal cosmic dance." ***This week we will start thinking about how each of our course concepts connects with the next.**

June 11: Dr. Mark Peceny, Professor of Political Science
"September 11 and the Future of American Foreign Policy"
7:00pm in the Honors Center *(Friends and family are welcome to attend)*

APPENDIX M

Cloning and Genetic Engineering

Instructor: Ursula Shepherd
Office: University College 28
Phone: 277-7408
Email: ursula@unm.edu

Week 1: Changing Ourselves (at the Gene Level)

- Class 1: Introduction and the nature of the genetic material.
  Homework: Readings as assigned.
  Internet Search
  For each class period, please write at least one question for discussion from each reading and make a list of issues/ideas that are unclear to you. Please list any vocabulary that is unknown so that we can be sure we all have definitions. This will be included in the participation points and will be collected each day.

- Class 2: What did Wilmut and Campbell do? When does human life begin?
  Therapeutic and reproductive cloning—what's the difference?
  Homework: Readings
  Continue Internet Search
  Attend Tuesday evening lecture

- Class 3: Genetic engineering as a medical tool: what is it and how might it be used?
  Homework: Readings
  Complete Internet Search

- Class 4: The tough stuff: moving from genetic engineering of single gene diseases to questions of temperament and behavior

End of the week paper due Monday at start of class. This paper will be based on issues discussed in class and will allow you to take time to achieve some synthesis of these ideas. I will hand this out on Wednesday at the end of class and you will be able to use any readings, etc. available to you to answer the questions. Please turn these typed papers in to Justin.

Grading: 30 points attendance
30 points participation (10 points for the questions turned in)
40 points final paper

Welcome!

Week 3 (June 17-June 20)
Human rights, a subject of much controversy and disagreement throughout our history, will be the topic for this week. Dr. Celia López-Chávez will begin examining human and children's rights— where they exist if they exist at all and whether or not rights can be defined to as having a beginning or end at all. We will discuss some of details concerned with taking a stand on human rights issues as well.

June 18: Dr. Michael Zeilik, Professor of Astronomy
"Astronomy in the Pueblo World: One Astronomer's View"
7:00pm in the Honors Center *(Friends and family are welcome to attend)*

Week 4 (June 24-June 27)
Professors Donovan and Reichel will continue their respective Week 2 discussions this week as we wrap up the course. We may focus on tying together each of the weeks' various topics.

June 25: Dr. Everett Rogers, Professor of Communications and Journalism
"The Diffusion and Impacts of the Internet"
7:00pm in the Honors Center *(Friends and family are welcome to attend)*

Rules

- Attendance is MANDATORY! If more than one class is missed, it is highly unlikely you will earn an 'A' in the course. If you should miss a class, contact Justin, our student assistant, or the faculty for that week immediately.
- You must attend all four Tuesday night lectures as they will be discussed in subsequent classes. The information is pertinent and it's for your benefit...miss a lecture and you will face the guillotine, period.
- Active participation and discussion are necessary for this class. (What good are ideas if they aren't shared?) However, objectivity and open-mindedness are necessary. You are likely to get more from the class if you listen to and examine perspectives other than your own.

Grading

Grades will be based on a cumulative total for the course of 400 points. Each individual professor's module will consist of 100 points divided into 30 points for attendance, 30 points for participation, and 40 points for assignments. Professors will hand out separate syllabi of readings and assignments for their respective modules.

METAMORPHOSIS IN POPULAR CULTURE: FORMING WHO WE ARE AND WHAT WE COULD BECOME

Instructor: Dr. Leslie Donovan
Contact Info: University College, Honors Center, Room 20, 277-4313, ldonovan@unm.edu
Office Hours: 1 hour after each of my classes and by appointment

Description and Objectives:
From King Midas to Michael Jackson, from Cinderella to the Incredible Hulk, the concept of metamorphosis has compelled readers and audiences throughout time. We are fascinated by transformations and shape-shifting from male to female, human to non-human, old to young. Why? What is it about the notion of magical, radical change that appeals to us? Why do we have so many of these images in popular culture? Is it a way for us to make sense of the more ordinary, gradual changes that we experience in the course of our own lives? Is it a theme generated by deviant artists that feeds into some dark part of the human psyche? Or is it just simple, fun escapism that results from our yearning for entertainment? These are a few of the questions we will explore in our examination of the variety of metamorphic transformations in popular culture from the ancients to the present and their applications to our lives. This unit's goals are to provide students with a broad introduction to the ways various cultures have shaped the concept of metamorphosis through popular imagination. In addition, as in the other portions of this course, this unit aims to enhance students' abilities to think critically and to express these critical thoughts competently in formal college work. Students are also expected to learn to examine and communicate complex ideas in collaborative activities and through active individual interaction in this seminar.

Texts:
Stevenson, Robert Louis. *Dr. Jekyll and Mr. Hyde.* $3.95. Available in UHP Main Office by the end of Week 2.
Reading Packet. Approximately $10.00. Available in UHP Main Office by Tues., June 4.

Requirements:
Students will earn a maximum of 100 points distributed as follows:
Attendance (7.5 points/day).....30 points
In-Class Participation (7.5 points/day).....30 points
Portfolio Project (see below).....40 points
(Grading scale: A = 90-100; CR = 70-89; NC = 0-69)

Portfolio Project:
Your Portfolio Project will include the following: 1) In-class exercises, 10 points maximum; 2) Two Assignments from List A (see below), maximum of 10 points each for 20 points total; and 3) One Assignment from List B (see below), maximum of 10 points. It will be due on the last day of class (Thurs., June 27), but I will be happy to review and comment on any or all of your individual assignments as long as I have them by Tuesday, June 25. Written assignments must be typed in 11 or 12 point type, double-spaced, with 1 inch margins on all sides.

List A
- Advertising: Write a short paper in which you examine the metamorphic concepts or images for a single product in some advertising medium, such as a magazine ad campaign, television commercials, web advertising, or billboard campaign. While you will have to describe the metamorphosis as it appears in your ad, keep this description to a minimum in order to focus your paper on the larger significance and purpose of this metamorphosis in the context of advertising. Minimum 2 pages.

Summer Academy: The Universe-Way Out There

Instructor:	Dr. Ronald Reichel
Home Phone:	828-0571
Office Phone:	277-2170; to leave messages, call department office at 277-4211
Office:	University Honors Center, 19D
Email:	Ronaldchron@cs.com
Hours:	11:30 a.m. – 12:30 p.m., T & TR, Weeks II and IV; 11:30 a.m. – 12:30 p.m., M & W, Weeks I thru VIII

Description of Objectives:

From our prehistory, humans have paid attention to, studied, and reflected on the physical universe of planets, stars and even galaxies. We will examine how this universe may have come about, and where it is going. We will also study the various physical entities in this space and place of ours. And then we will ask ourselves that ultimate question ..... why? Why is there any universe at all, and why are we here to ask the question.

Schedule:

Week II

(Tuesday, June 11th)
The Origins and Destiny of the Universe
Videos and handouts.

(Thursday, June 13th)
Of Space & Time
Videos & Handouts

Week IV

(Tuesday, June 25th)
Quarks and Quasars, Planets and Galaxies
Videos and Handouts

(Thursday, June 27th)
Collisions: Asteroids and Comets
Videos & Handouts

There are two brief papers (500 word minimum each) which will be reactions and reflections on the course materials and seminar discussions. The first one is **due Monday, June 17th at classtime** and the last one is **due Monday, July 1st at High Noon** in my mailbox in the Honors Center Office.

- Movie: Write a short paper in which you analyze the theme of metamorphosis in one of these movies or another of your choice: *Big* (with Tom Hanks); *Hercules* (Disney animated version); *Teen Wolf* (with Michael J. Fox); *Spiderman* (the current hit); *Maid to Order* (with Ally Sheedy); *Pinocchio* (Disney version); *The Invisible Man* (any version); *Tootsie* (with Dustin Hoffman); *Trading Places* (with Eddie Murphy); *The Fly* (any version); *Beauty and the Beast* (any version), *The Associate* (with Whoopi Goldberg); *Switch* (with Ellen Barkin); *Some Like It Hot* (with Jack Lemmon); *The Prince and the Pauper* (any version); *Ladyhawke* (with Michelle Pfeiffer). Alternately, you may compare and contrast the theme of metamorphosis as it is presented in two or more of these movies. While you will have to summarize the plot in the movie(s) you choose, keep any summaries to a minimum (2-3 sentences maximum) in order to focus your paper on the larger significance and purpose of this metamorphosis in the context of your movie(s) or in contemporary popular culture. Minimum 2 pages.
- Television Show: Write a short paper in which you analyze the theme of metamorphosis in one of or more episode of any current or past TV show. Among the television shows you might wish to consider are: *Star Trek* (*Original Series, The Next Generation, Deep Space 9, Voyager*); *Wolf Lake*; *Buffy The Vampire Slayer*; *The Incredible Hulk*; *The Invisible Man*; *Smallville* (or any other Superman series). While you will have to summarize the plot in episodes you choose, keep any summaries to a minimum (2-3 sentences maximum) in order to focus your paper on the larger significance and purpose of this metamorphosis in the context of your TV show or in contemporary popular culture. Minimum 2 pages.
- Personal Metamorphosis: Write an informal paper in which you discuss a personal metamorphosis. Such a metamorphosis must be based on your own personal experience or the personal experience of someone close to you. In your paper, discuss not only what the metamorphosis was, but also its significance in your own life. Minimum 2 pages.

List B
- Short story: Write a work of fiction in which you present one or more metamorphic themes or concepts. Minimum 5 pages.
- Art: Paint or draw one or more visual images in which you present one or more metamorphic themes or concepts. Include a 1-page Artist's Statement in which you explain your use of our theme in your work.
- Comic Book: Construct a comic book that uses metamorphic themes or concept. You may use an existing comic book hero or create your own new hero. You may draw your own images or use images cut from magazines or computer-generated, but you must write your own text. Minimum 3 pages.
- Poem: Write a long poem that uses metamorphic themes or concept. Minimum 6 pages.

Schedule:
All readings (except *Dr. Jekyll...*) appear in the Reading Packet and must be completed before class.

Week 2/Mon., June 10 *Transforming Our Physical Shape*
Ovid, *Metamorphosis*, "Historical Sketch," "Introduction," "Apollo and Daphne,"
"Diana and Actaeon," and "Arachne"

Week 2/Wed., June 12 *Transforming Our Physical Shape* (continued)
Ovid, *Metamorphosis*, "Narcissus and Echo,"and "Niobe"
Grimm, "The Frog King, or Iron Harry"
de France, "Bisclavret"
Reid/Bringhurst, "The Wasgo and Three Killer Whales"
Transforming Our Social Class
Ovid, *Metamorphoses*, "Midas"
Grimm, "Ashiepattle"
Angelo, "Life at the End of the Rainbow"
Benson, "Pennies from Hell"

APPENDIX M

Week 4/Mon., June 24 *Transforming Our Physical Ability*
Chaucer, "Wife of Bath's Tale"
Stevenson, *Dr Jekyll and Mr. Hyde*

Week 4/Wed., June 26 *Transforming Our Gender and Race*
Ovid, *Metamorphoses*, "Iphus and Ianthe"
Donovan, "Saint Euphrosyne"
Sharpe, "The Man Who Changed His Skin"
Griffin, "*Black Like Me* Selections"
Portfolio Project Due in class

APPENDIX M

Human Rights:
Taking a Stand to Shape a Better Future

Instructor: Celia López-Chávez
Office: University College 19B
Phone: 277 2169
Email: celialop@unm.edu

Week 3:

- Class 1: Introduction to Human Rights. Universal Declaration of Human Rights

- Class 2: Children Rights
  Reading: Convention on the Rights of the Child (handout)
  Internet research

- Class 3: Children Rights
  Reading: Craig Kielburger, *Free the Children*, pp.1-157 (Prologue and Chapters 1 to 7)

- Class 4: Taking a Stand on Human Rights Issues
  Reading: Craig Kielburger, *Free the Children*, pp. 158-321 (Chapters 8 to 16, Epilogue and Appendix.)
  Internet research

Requirements:

- Attendance	30 %
- Class participation	30 %
- Final project (report)	40 %
Total	100 %

Final Report : students will write a 3-5 pages final report based on Internet research. The instructor will give specific instructions for this requirement. The deadline to hand in this report is June 24.

Annual Report
Water Resources Program
July 1, 2001 - June 30, 2002
Michael E. Campana, Director

Significant Developments

- Started private fundraising program and raised over $22,000.
- Initiated discussion with Escuela Agrícola Panamericana (Zamorano) in Honduras for the development of: 1) a joint professional master's degree in Water Resources for Latin American professionals; 2) faculty and student exchanges; and 3) a Central American Water Resources Development Center.
- Initiated curriculum design for an interdisciplinary doctoral degree in Water Resources.
- Published English, Spanish and Portuguese versions of the WRP report, *The Economic Value of Water: Results of a Workshop in Caracas, Venezuela, November 2000.*
- Redesigned two MWR core courses: WR 571 and WR 572 (first substantial redesign since inception of MWR degree over 11 years ago).
- Established UNM as one of the founding partners of the international Universities Partnership for Transboundary Waters (10 universities on 5 continents).
- For the second year in a row, conducted the summer capstone field class, WR 573, in Honduras.
- Held first meeting of the external Advisory Board.
- Enrolled 43 students in the Master of Water Resources degree program, the highest number in over seven years.
- Developed plan to perform transboundary river monitoring in the South Caucasus (Georgia, Armenia, and Azerbaijan) under NATO auspices.

Other Developments

- Admitted 23 students to the Master of Water Resources (MWR) degree program; 17 matriculated.
- Graduated 5 MWR students.
- For the fifth year in a row, obtained partial funding for the MWR summer course, WR 573, from the U.S. Department of Commerce - National Oceanic and Atmospheric Administration. This money, $5,000, supported the trip to Honduras.
- Hosted the *Sixth Assembly for Water Planning in the Middle Rio Grande Basin*, held at UNM on April 6, 2002.
- Courses (4, plus Problems and Professional Project) generated 271 SCHs.

Significant Plans and Recommendations for the Near Future

- Increase Administrative Assistant II position from 0.50 to 1.00 FTE
- Provide one month of permanent summer support for the Director's position
- Continue development of an interdisciplinary doctoral degree in Water Resources
- Continue private fundraising for the summer class in Honduras and for the WRP in general
- Develop joint master's degree and other programs, including the Central American Water Resources Development Center, with Zamorano
- Secure funds to recruit and support Latin American students
- Develop a post-baccalaureate certificate program in Water Resources

Publications of the Division

Matthews, O.P., D.S. Brookshire and M.E. Campana (eds.), 2001. The Economic Value of Water: Results of a Workshop in Caracas, Venezuela, November 2000. Pub. No. WRP-4, August 2001.

Matthews, O.P., D.S. Brookshire, and M.E. Campana (eds.), 2001. O Valor Econômico da Água: Resultados de um Encontro em Caracas, Venezuela, Novembro de 2000. Publicação No. WRP-4, Agosto de 2001.

Matthews, O.P., D.S. Brookshire and M.E. Campana (eds.), 2001. El Valor Economico del Agua: Resultados de un Taller Celebrado en Caracas, Venezuela, Noviembre de 2000. Publicación No. WRP-4, Agosto de 2001.

Bentley, J., B. Bruerd, R. Chora, M. Gabora, U. Joshi, S. Kolk, E. Riebsomer, F. Shean, A. Sweetman, M. Van Eeckhout, S. Weber, M. Campana and M. Minnis, 2002. Sustainable Water Development for the Village of Miramar, Honduras. Publication No. WRP-5, January 2002.

Publications of Faculty

Michael E. Campana

Refereed Articles

Matthews, O.P., L. Scuderi, D. Brookshire, K. Gregory, S. Snell, K. Krause, J. Chermak, B. Cullen and M. Campana, 2001. Marketing Western water: can a process based geographic information system improve reallocation decisions? *Natural Resources Journal* 41(2):329-371.

Campana, M.E., 2002. Compartment model simulation of groundwater flow systems. In *Use of Isotopes for Analyses of Flow and Transport Dynamics in Groundwater Systems,* International Atomic Energy Agency TECDOC, Vienna, pp. 196-230, 2002.

Refereed Reports

National Research Council, Committee on Opportunities to Improve the U.S. Geological Survey's National Water Quality Assessment (NAWQA) Program, 2002. *Opportunities to Improve the U.S. Geological Survey National Water Quality Assessment Program*, National Academy Press, Washington, DC, 238p.

National Research Council, Committee on U.S. Geological Survey Research, 2002. *Estimating Water Use in the United States: a New Paradigm for the National Water-Use Information Program,* National Academy Press, Washington, DC, 190p.

Non-Refereed Reports

Matthews, O.P., D.S. Brookshire and M.E. Campana (eds.), 2001. The Economic Value of Water: Results of a Workshop in Caracas, Venezuela, November 2000. Pub. No. WRP-4, August 2001.

Matthews, O.P., D.S. Brookshire, and M.E. Campana (eds.), 2001. O Valor Econômico da Água: Resultados de um Encontro em Caracas, Venezuela, Novembro de 2000. Publicação No. WRP-4, Agosto de 2001.

Matthews, O.P., D.S. Brookshire and M.E. Campana (eds.), 2001. El Valor Economico del Agua: Resultados de un Taller Celebrado en Caracas, Venezuela, Noviembre de 2000. Publicación No. WRP-4, Agosto de 2001.

Minnis, M., John-Steiner, V. P., 2001. "Are We Ready for A Single, Integrated Theory? (essay review of *Perspectives on Activity Theory*, Y. Engeström, R. Miettinen, and R-L Punamäki (eds.) *Human Development*, 44: 296–310.

Bentley, J., B. Bruerd, R. Chora, M. Gabora, U. Joshi, S. Kolk, E. Riebsomer, F. Shean, A. Sweetman, M. Van Eeckhout, S. Weber, M. Campana and M. Minnis, 2002. Sustainable Water Development for the Village of Miramar, Honduras. Publication No. WRP-5, January 2002.

Outside Professional Activities of Faculty

Michael E. Campana

Professional Society Activities

- Organizing Committee, Joint UCOWR-NGWA-EWRI/ASCE-USACE Meeting on Integrated Transboundary Water Management, Traverse City, MI, July 2002
- Conference Chair, American Water Resources Assn. Annual Meeting, Albuquerque, NM, 2001
- Vice President of Academic Affairs, American Institute of Hydrology
- Chair, Association of Ground Water Scientists and Engineers
- Board of Directors and Vice President, National Ground Water Association
- Board of Directors, Universities Council on Water Resources
- Publishing Oversight Committee, National Ground Water Association
- UNM Voting Delegate, Commission on Food, Energy and Renewable Resources, National Association of State Universities and Land-Grant Colleges (NASULGC)
- Lead UNM Delegate, Universities Council on Water Resources

Editing and Reviewing

- Associate Editor, *Ground Water.*
- Book Editor, *Ground Water*
- Associate Editor, *Environmental and Engineering Geoscience.*
- Manuscript reviewer for: *Ground Water* (4); *Hydrological Processes* (1); *Water Resources Research* (2); *Journal of Hydrology* (2); *Environmental and Engineering Geoscience* (2)
- Proposal reviewer for National Science Foundation (3); U.S. Geological Survey (1); Civilian Research and Development Foundation (2)

Miscellaneous Professional Activities

- Member, National Research Council-Water Science and Technology Board Committee on U.S. Geological Survey Water Resources Research
- Member, National Research Council-Water Science and Technology Board Committee on Opportunities to Improve the U.S. Geological Survey's National Water Quality Assessment Program
- Participant, International Atomic Energy Agency Coordinated Research Programme on *Isotope response to the dynamic changes in groundwater systems due to long-term exploitation*
- Member, Program Development and Review Board, New Mexico Water Resources Research Institute, New Mexico State University
- Campus Coordinator, U.S. Environmental Protection Agency National Network for Environmental Management Studies (NNEMS) Fellowship Program
- Chair, Fulbright Senior Scholar Review Panel (Mexico-Canada-Central America-Caribbean)
- Member, Sandia Mixed Waste Landfill Review Panel
- Scientific Committee, Dubai International Conference on Water Resources & Integrated Management, February 2002

Outside Sponsored Research

Michael E. Campana

New

- South Caucasus cooperative river monitoring - planning grant. North Atlantic Treaty Organization; $6750; 4/30-02-6/30/02. Provides funds to meet with cooperators in Georgia, Armenia and Azerbaijan and prepare proposal.

- Sustainable water resources development: valuation of water in the Americas – addendum. U.S. Department of Commerce-NOAA (co-PI with O.P. Matthews and D. Brookshire); $6,500; 10/01/01-3/31/02. Additional funding to translate original report into Spanish and Portuguese.

Continuing from previous years

- Sustainable development in Nueva Vida, Honduras. U.S. Department of Commerce-NOAA; $5,000; 5/29/01-1/31/02. Provided partial support for summer 2001 capstone course, WR 573, and preparation of report.
- Assessment of New Mexico water resources data for the Rio Grande Basin. Natural Heritage Institute; $4,900; 4/2/01 – 8/31/01. Evaluation of hydrologic data for a watershed model of the Rio Grande.
- An integrated GIS framework for water reallocation and decision-making in the Upper Rio Grande Valley. U.S. Environmental Protection Agency (co-PI with O.P. Matthews, D. Brookshire, L. Scuderi); $410,000; 6/1/00 - 5/31/03. Development of a model to assess water allocation and availability.
- A quantitative assessment of the economic and institutional impacts of climate change on the Upper Rio Grande Valley using an integrated GIS framework. National Science Foundation (co-PI with L. Scuderi, O.P. Matthews, D. Brookshire and J. Chermak); $675,000; 6/1/00-5/31/03. Development of a model to assess water allocation and availability, especially in response to climate change.

Annual Report
UNM Press
July 1, 2001-June 30, 2002
Luther Wilson
Director

Fiscal year 2001-2002 was one of change for the UNM Press. The press published 58 new books, 12 new editions of backlist titles, and distributed 16 new titles for a number of other small New Mexico publishers. Press titles were reviewed in scores of newspapers and trade journals, including three reviews in the *New York Times,* two in *The Chronicles of Higher Education,* and numerous reviews in western newspapers such as the *Rocky Mountain News,* the *Dallas Morning News,* and the *Albuquerque Journal.*

Sales for the year increased slightly to $3,089,000, and the press was able to reduce its Fund Balance Deficit by $56,000. In early spring of 2002, the press undertook a major reorganization to bring its staff and expenses into alignment with its revenues. Six FTE positions were eliminated effective June 30, 2002. The most significant changes were the elimination of the Production Manager position and the allocation of those duties to the individual book designers, and the elimination of the Sales Manager and Marketing Manager positions, combining them into one position. One employee, the Technical Editor resigned, and was replaced by one of the six employees scheduled for layoff in the reorganization. Our interim Business Manager moved to another position on campus, and a search was successfully completed to hire a new Business Manager.

Future plans include maintaining even closer control of operating expenses, achieving small increases in our sales income, and contributing more significantly to our basic mission: facilitation of communication among scholars, and providing the peoples of the state, the region and the nation with books that further our understanding of the histories, cultures, and resources of the peoples of New Mexico and the Southwest.

UNM Press staff participated on panels and/or attended a number of academic and professional meetings including the Western Writers of America, The New Mexico Historical Society, the Western History Association, the American Anthropological Association, the Society for American Archaeology, the American Historical Association, the Organization of American Historians, the Latin American Studies Association, the College Art Association, the Navajo Studies Association, and the Association of American University Presses.

In fiscal year 2002-2003 we plan to publish 60 new books and 15 new editions, and to make further significant reductions to our Fund balance Deficit.