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THE REPORT OF THE DEPARTMENT OF INTERCOLLEGIATE ATHLETICS

July 1, 1978 -- June 30, 1979

Lavon McDonald - Athletic Director
The national spotlight hit University of New Mexico athletics from several angles in 1978-79, but none focused as bright as the acquisition of the 1983 NCAA basketball finals.

Hard work molded the dream into reality and after the NCAA committee had witnessed a persuading presentation and the flawless operation of the 1978 Far West Regional Basketball Tournament held at University Arena, they awarded the 1983 finals to Albuquerque over Seattle and Denver, both which boasted larger facilities.

In overall competition, the Lobos finished third in the Western Athletic Conference all-sports standings behind Brigham Young and Texas-El Paso. The Lobos won one championship (golf), had four thirds, one fourth and one sixth.

Nearly half a million people watched Lobo athletic events and those hosted by the University. Leading the way again was basketball which drew 282,897 fans to the Arena, third highest basketball attendance in the nation. The Lobos met Texas A & M in a first-round National Invitation Tournament game, witnessed by 18,038 fans. Other large crowds turned out for gymnastics in the "Pit" as the inaugural Albuquerque Journal meet and the USSR National team exhibition played to nearly full houses.

UNM fielded 12 varsity men's teams in athletics. Here is a breakdown:

CROSS COUNTRY - Coach Bill Silverberg's cross country team finished
sixth out of seven teams in the Western Athletic Conference for the second straight year. At the meet held in Salt Lake City, Utah, no individual Lobo placed in the top 10. Texas-El Paso dominated both team and individual standings.

FOOTBALL - Coach Bill Mondt led the Lobos to their best performance since 1971 by winning four of the final six games to finish with a 7-5 overall record; 3-3 in the WAC for fourth place. It was a year jeweled by records as fullback Mike Williams finished his fabulous career with another 1,000 yard season, winding up with a WAC record 3,862 yards on 857 carries. He was named co-offensive player of the year in the conference while easily making the All-WAC team for the third straight year. Brad Wright, although not making the all-conference team at quarterback, led the league in total offense and was fifth in the nation while setting a UNM single-season mark with 2,403 yards. Robert Rumbaugh not only made the All-WAC team at defensive tackle, but was named for the second straight year to the College Sports Information Directors (CoSIDA) Academic All-American team. He carried a 3.83 grade point average in electrical engineering. Four other Lobos who made the All-WAC team were Ron Hegge at offensive guard, Ricky Martin at wide receiver, Max Hudspeth at return specialist and Mike Forrest at linebacker. Turning the coin, the Lobos also set a school penalty record for the second straight year with 1,029 yards in violations. Football attendance rose three per cent in 1978 with 109,063 appearing for six home games. The largest single-game crowd was 24,892 for the Brigham Young contest.

WRESTLING - There was young hope for the Lobo wrestling team under Coach Ron Jacobsen as two freshmen finished first and second in the
Western Athletic Conference meet. As a team, the Lobos could manage only a fourth out of five teams, but Luke Gilpin won the 118-pound division and Clarence Laster finished second at 167 pounds. UNM’s top two wrestlers, Gary Hines and Paul Marfiz, both lost in the opening round and were unable to contribute points as expected. UNM finished the dual meet season at 6-8 while placing sixth in the Lobo Invitational. Jacobsen was honored as being selected as the first inductee into the junior college wrestling hall of fame.

SWIMMING - Improvement was all that was expected of Sam Jones in his second year as swimming coach and he produced, moving UNM all the way from a last place 7th in 1978 to 4th place this past year. Two years ago, the Lobos were unable to win a dual meet, but a year later in 1979, they went 5-4 and finished a respectable third out of eight teams at the Arizona Invitational. The Lobos were led by powerful junior college transfer Tony Hsu and freshman Cameron Reid. A little more recruiting and swimming will again be one of New Mexico’s strongest points.

GYMNASTICS - The departure of Arizona and Arizona State from the conference left gymnastics in only three WAC locations this year, so for the first time no WAC meet was held. But the Lobos continued to show strength in the sport as Steve Jennings, a freshman from Farmington, N.M., consistently performed in the mid-nines and placed among the top seven at the NCAA meet. Coach Rusty Mitchell predicted a national crown for Jennings in the near future. Mitchell showed no signs of slowing down either as he was selected to serve a second term on the United States Gymnastics Federation Council, representing the nation’s collegiate coaches. He also organized the Albuquerque Journal meet in which 30,000
attended over two nights. He promised those crowds that UNM would challenge for the NCAA title in 1980.

INDOOR TRACK - Injuries and a lack of depth kept the Lobos down in 1979, but they still managed the usual third place finish at the conference meet behind Texas-El Paso and Brigham Young. Jeremiah Ongwae went on to the NCAA indoor meet in Detroit where he finished fifth in the 800 meters, giving New Mexico two points and a tie for 47th place.

SKIING - The Lobo men's ski team combined with the women to win UNM's seventh straight Central Intercollegiate Ski League team title. Representing UNM in cross-country competition was Phil Book and Filbert Montes. In the alpine competition, UNM entered Steve Yahn, Dave Sponsel and Eric Boutilier.

OUTDOOR TRACK - Fourth place was all the UNM tracksters could muster in outdoor track as injuries and eligibility problems kept the team down to a skeleton. At the meet held in Albuquerque, the Lobos finished behind champion Texas-El Paso, San Diego State and Brigham Young. Kipsubi Koskie, after placing second in the WAC, finished third in the NCAA 1,500 meter run. Fatwel Kimaiyo won the 110 meter high hurdles and placed second in the 400 intermediate hurdles and Jeremiah Ongwae finished third in the 400 meter dash. David Benyak, who last summer fell from a mountain when a ledge gave way and was told he may never walk again, was the comeback story of the year as he came back to finish second in the javelin throw.

BASKETBALL - Coach Norm Ellenberger warned at the start of the 1978-79 season that he didn't believe in rebuilding years. "We're reloading," he said. UNM's gun powder was wet for much of the season's
first half as it struggled to an 8-7 record, but the spark caught and the 6.
Lobos finished 19-10 including a first-round loss to Texas A & M in the
National Invitation Tournament held at University Arena.

It was the second straight year the Lobos had advanced to post-season
action. They played in the NCAA tournament in 1978 after winning the
conference with a 13-1 record. In 1979, the Lobos finished 8-6 in the
conference for third place, but they challenged for the title most of the
way. The Lobos finished with seven 100 point games, second most in UNM
history. Senior guard Mark Felix set a school record with 16 assists
against Central Florida, while the team set a record against Wyoming,
sinking 25 of 26 free throws (96.2 per cent). In the NBA draft held in
June, Phil Abney was taken by New York in the sixth round, while point
guard Russell Saunders went in the tenth round to Kansas City.

BASEBALL - A team batting average of .335 (eighth best in the nation)
provided UNM with one of its best baseball teams ever in 1979, but the
Lobos finished second at the wire, one game in back of San Diego State
in the Western Athletic Conference Southern Division. Overall, the Lobos
wound up with a 37-23-1 record and 11-5 in the WAC, winning 16 of their
last 19 games including 10 of 12 conference games. It was the best record
for a Vince Cappelli coached team in the three years he has been at New
Mexico. All nine regulars hit over .300 for UNM, led by freshman short-
stop Tom Francis with a .392 batting average. Francis was named to the
all-conference team as was pitcher Rob Hoover, catcher Kyle Rutledge,
right fielder Steve Muccio, designated hitter Walt Arnold and center
fielder Aaron Cain. Cain, who led the team in runs (71), hits (88) and
stolen bases (33), was a unanimous selection by the conference coaches.

-5-
Hoover finished his pitching career at New Mexico with a sparkling 10-3 record and an earned run average of 4.26. But it was inconsistency in the pitching which hurt the Lobos.

TENNIS - New Mexico finished third out of five teams in the WAC tennis championships held in Albuquerque after compiling a 14-5 record, the best dual record by a Tim Russell coached team. Jes Bech Muller won the No. 4 singles for UNM and teamed with David Geatz to take the No. 2 doubles for UNM's only wins in the conference meet. Utah tied favorite Brigham Young for the team championship.

GOLF - The Lobo golfers had a powerful finish, winning the WAC title over heavy favorite Brigham Young, then finished fifth in the NCAA tournament, ahead of six of the top 10 ranked teams in the country. It was the first WAC golf title for New Mexico since 1967 when Coach Dwaine Knight was a member of the team. Curt Byrum tied for second in the individual standings with a 215, while four other Lobos (Mark Pelletier, Mike Putnam, Jeff McMillen and Mitch Mooney) were in the top 10. At the NCAA, the Lobos were equally balanced with Mooney and Byrum coming in 21st with scores of 301. McMillen was right behind with a 302. During the season, the best Lobo finish was third in the Cougar Classic at Provo where Mooney finished 10th. Since then, the recruiting for golf has been terrific as Knight has signed, among others, Don Hurter, the number one junior golfer in the nation as voted by the high school coaches. The golf future looks bright.
The Lobo Women's basketball team, under head coach Kathy Marpe, again had a very exciting and successful year. The Lobo women were 10-3 in regular season conference play and 19-10 over-all. UNM ended the season tied for fourth and were then defeated by Colorado University in a post season play-off. Two Lobos, however, were named to the all-conference team: junior Jean Rostermundt, for the second time, and sophomore Taryn Bachis. Both women were named MVP's by the Lobo team and coaches.

It was a year of firsts for the Lobo women as they had their first conference game broadcast on Channel 5 with Mike Roberts doing the play by play and Susan Craig, women's sports information director, doing the color. Roberts and KOB radio also announced a UNM-Colorado game which was a prelim to the Lobo men's game. The Lobo women hosted Kansas, Brigham Young and Baylor in the first Lobo Women's Basketball Invitational and won defeating a top rated KU team for the honors. Increased community awareness of women's basketball helped to increase crowds as UNM averaged around 1,000 people by the end of the season.

This summer, Coach Marpe and assistant Rick Harden are taking members of the Lobo team to Australia for a 28 day tour. The Lobos plan to play about 20 games during their stay.

Two women who have been recruited for next year appear to assure Marpe that the 1980 season will not be any less exciting. The Lobos have signed Martha Reinert, a six foot star from Bellingham, WA, and Karen McCamber, a 5'10" guard from Victoria, British Columbia. Both women average over 20 points a game and are very versatile.
The Lobo women's ski team did not qualify a team for nationals this past season, but the women did very well in conference competition and one competitor finished in the top of the national race.

In the conference race, the Lobos finished second taking first in the alpine division, third in cross country and nordic relay and fourth in the giant slalom. Top racers were Paula Turpeinen who won the cross-country title, Judy Lloyd, who was second in the slalom and eighth in the giant slalom and Lori Hazen who finished third in the slalom and ninth in the giant slalom.

Paula Turpeinen finished second in the national nordic competition and was named an All-American.

The volleyball team had another tough year under head coach Cathy Lies. In her first year, the Lobos were 3-9, tenth in the conference, and 8-13 over-all. Second year coach, Sam Jones, was most proud of his new diving program as the divers helped UNM to place well in their meets. Karlin Tjelle was the only Lobo to qualify for nationals. Coach Claudia Thomas had dreams of a strong season vanish as the women's gymnastics team fell to injuries all year. If the returning members can remain healthy, UNM should be back on track as conference contenders.

The spring brought out track, softball, tennis and golf to the spotlight and there were many things that made the news.

The top story came in track when Susan Vigil, a senior from Albuquerque, became the first woman from UNM to win a national championship. Vigil won the AIAW 800 meter race. Also for UNM, Vigil, Margaret Metcalf, Lynn Brasher and Regina Dramiga combined in the two mile relay to finish second to Oregon State, just one second behind. Both accomplishments
gave the four women All-American status and gave UNM a ninth place finish at nationals for Coach Tony Sandoval.

Earlier in the year UNM finished second in the region in cross-country with Janet Wroblewski leading the way and then 19th in the nation as the Albuquerque sophomore was injured and unable to make the trip. Both the tennis and golf teams are still finishing out their seasons at nationals. Under AIAW regulations the golf team was invited to participate, but the tennis team had to qualify two people through a regional tournament.

Representing UNM (the team was 7-8 or sixth in the conference) is Ann Layman, a junior college transfer, and Laura Chavez of Santa Fe, N.M. In the individual race Layman won five straight matches to win the consolation bracket after losing in the second round to BYU's Barb Barnes (6-3, 6-4). Layman and Chavez then qualified together for the double's competition.

The second year softball team had an up and down year as they marked up some impressive games, but failed to qualify for the Regionals. Lobo pitcher Nancy Campbell was ranked third out of 19 pitchers while Arvita Higgins was rated sixth. Five of the Lobos opponents finished up at the College World Series with Texas Women's University winning the national title. The Lobos lost twice to TWU 1-0 in 11 innings and 5-3 in the DIAMOND INVITATIONAL.

The Lobo women continued to gain community support as the Downtown Exchange Club agreed to sponsor the DIAMOND SOFTBALL TOURNEY each year. The club pays room and board for the visiting teams. All three teams
that attended the DIAMOND this past year finished in the top ten at nationals (TWU, Arizona State, Oregon State). The field for next year included TWU, Minnesota and Southern Illinois. UNM's reputation as a softball city has grown already as teams are calling to gain entrance to this fine tournament played on the new Lobo Softball Field.

For the upcoming year the Lobos have signed Sue Kragseth, a power hitter from Minnesota, Claire Miller, who batted over 500 all four years in high school in Scottsdale, Arizona and a top young pitcher, Gilli Goff, from Arizona. The improvement at the plate combined with strong pitching and defense should make UNM contenders next year.
### APPOINTMENTS TO STAFF

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<td>Doris Chasey</td>
<td>Department Secretary</td>
<td>May '79</td>
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<tr>
<td>Manny Goldstein</td>
<td>Asst. Basketball Coach</td>
<td>Aug '78</td>
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<tr>
<td>Charlie Harrison</td>
<td>Asst. Basketball Coach</td>
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<tr>
<td>Robert James</td>
<td>Asst. Football Coach</td>
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<tr>
<td>Minnie Vendel</td>
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<td>Richard Winder</td>
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<td>Nancy Diehl</td>
<td>Asst. Trainer</td>
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<td>Antonia Jones</td>
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<td>Dec '78</td>
</tr>
<tr>
<td>Debbie Sanchez</td>
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### SEPARATIONS FROM STAFF

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<td>Mary Barnes</td>
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<td>John Whisenant</td>
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<td>Karen Hudspeth</td>
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<td>Antonia Jones</td>
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<td>Jan '79</td>
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### UNM ATHLETIC FACILITIES

#### USE OF FACILITIES

**July 1978 - June 1979**

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<td>109,063</td>
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<td>UNM Basketball - 17 games</td>
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<td>UNM Baseball - 39 games</td>
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<td>UNM Tennis - 6 dates</td>
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<td>Johnson Gym</td>
<td>Wrestling - 9 matches</td>
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<td>Tucker Tournament</td>
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<td>Arena</td>
<td>UNM Cross Country - 2 meets</td>
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<td>Johnson Gym</td>
<td>UNM Women's Basketball - 16 games</td>
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<td>UNM Women's Gymnastics - 1 meet</td>
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<td>Johnson Gym</td>
<td>UNM Women's Volleyball - 14 games</td>
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<td>Intramural Track Championships</td>
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<td>American Legion - July 4</td>
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<td>NMAA board meetings - several</td>
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<td>--------------------------------------------</td>
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<td>------------------</td>
</tr>
<tr>
<td>Arena</td>
<td>Albuq. Journal Gymnastics (2)</td>
<td>30</td>
<td>30,000</td>
</tr>
<tr>
<td>Arena</td>
<td>USSR Nationals - Gymnastics</td>
<td>20</td>
<td>15,000</td>
</tr>
<tr>
<td>Stadium</td>
<td>Shining Season - filming</td>
<td>100</td>
<td>5,000</td>
</tr>
<tr>
<td>Stadium</td>
<td>WAC Outdoor Track - 2 days</td>
<td>160</td>
<td>1,000</td>
</tr>
<tr>
<td>Johnson Gym</td>
<td>High School Graduations - 4</td>
<td>3,000</td>
<td>16,000</td>
</tr>
<tr>
<td>Arena</td>
<td>State Press Sportswriters Assn.</td>
<td>37</td>
<td>---</td>
</tr>
<tr>
<td>Arena</td>
<td>Albuq. Fire Dept. Training</td>
<td>450</td>
<td>---</td>
</tr>
<tr>
<td>Tennis Courts</td>
<td>Open tennis to public</td>
<td>11,000</td>
<td>500</td>
</tr>
<tr>
<td>Tennis Courts</td>
<td>NM Open Tennis Championships</td>
<td>85</td>
<td>350</td>
</tr>
<tr>
<td>Golf Course</td>
<td>Albuquerque Women's Tournament</td>
<td>87</td>
<td>2,000</td>
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<tr>
<td>Golf Course</td>
<td>Albuquerque Men's Tournament</td>
<td>400</td>
<td>4,000</td>
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<tr>
<td>Stadium</td>
<td>Track - Jogging, etc.</td>
<td>2,000</td>
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</tr>
<tr>
<td>Complex</td>
<td>Racquetball Courts</td>
<td>2,500</td>
<td>---</td>
</tr>
<tr>
<td>Complex</td>
<td>Weight Room - non UNM use</td>
<td>2,500</td>
<td>---</td>
</tr>
<tr>
<td>McDavid Room</td>
<td>APS Counselors</td>
<td>75</td>
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<td>McDavid Room</td>
<td>UNM Admissions</td>
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<td>McDavid Room</td>
<td>Alumni Board</td>
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<td>McDavid Room</td>
<td>Purchasing - Bid Openings</td>
<td>25</td>
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<tr>
<td>Johnson Gym</td>
<td>PEC Concerts - 2</td>
<td>100</td>
<td>10,000</td>
</tr>
<tr>
<td>Golf Course</td>
<td>Open to Public</td>
<td>45,000</td>
<td>---</td>
</tr>
<tr>
<td>Tennis Courts</td>
<td>WAC Tennis Championships (2 days)</td>
<td>30</td>
<td>250</td>
</tr>
<tr>
<td>Golf Course</td>
<td>WAC Golf Championships (2 days)</td>
<td>42</td>
<td>1,000</td>
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<tr>
<td>Johnson Gym</td>
<td>Volleyball - Peru vs. U.S.</td>
<td>30</td>
<td>3,500</td>
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<tr>
<td><strong>TOTALS</strong></td>
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<td><strong>403,648</strong></td>
<td><strong>740,618</strong></td>
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AFRO-AMERICAN STUDIES

1978 - 1979 PARTIAL REPORT

June 1, 1979
The Afro-American Studies Program recognizes that the first few weeks of school is crucial for all students especially Freshmen. In order to make these first weeks a pleasant beginning for a better academic year, the Afro-American Studies Program organized the "Back to School Community Picnic." At this event, the Freshmen are given the opportunity and in pleasant atmosphere to develop good and friendly relationships with the returning students. These relationships in many cases have been the difference between dropping out and staying in school for some Freshmen.

Further, Afro-American Studies believes that the Program is designed not only to provide academic services but also to serve and work with the Black community. This picnic serves to bring the University to the community in accordance with the mission of both Afro-American Studies and the University.

Through donations from Vice President Marvin Johnson and expenditures by the Afro-American Studies Program, free food, refreshments and music were provided to everyone present at the picnic. The picnic was held at Kirtland Park and there were about 1500 people there.

The Afro-American Studies Program is very grateful to Vice President Marvin Johnson for his continued support of this project.
BLACK HISTORY WEEK
Feb. 22-28, 1979

This is a significant week-long activity to celebrate the heritage and historical contribution of Black people to America. The activities are comprised of African art displays, Black Greek Day, church services, reception for the cast of the Broadway hit "Wiz," movies, community presentations, panel discussions and a banquet at the Student Union Building as the finale for the week. Dr. King, Chairperson, Afro-American Studies department, University of Colorado at Boulder and Executive Board Member of the National Council on Black Studies, was the keynote speaker.

There were over 180 students and community persons at the Banquet. In all there were about 500 participants in the week-long activity.

BLACK CULTURAL WEEK
April 22-28, 1979

This week was dedicated to the cultural heritage and contributions of Black people to the cultural fiber of America. Activities for the week included the Melba Moore Show, Black student panel discussions, African student presentations, community night, Ping Pong Tournament, BSU Talent Night, Career Day
Two of the most important events of the week were the Second Annual Career Day and the workshop on "Grants for Oversea Educational Experience."

The Career Day was designed to assist the recruitment efforts of the University. There were about 100 Black high school students from 7 of the city's high schools present. They were given information on admission, financial and supportive services. Representatives from 12 academic departments and 3 supportive services divisions addressed the 100 Black students. The session was graced with the presence of Dr. Bud Davis who gave a short inspirational speech.

Again, the offices of Vice President Marvin Johnson gave the Afro-American Studies Program a much appreciated support.

The other educational activity was the workshop on "Grants for Oversea Educational Experience." This workshop informed Black graduate and undergraduate students of the availability of Fulbright Grants through the Institute of International Education to study abroad. Dr. Charles Beckel of the Astronomy and Physics Department, a three-time Fulbright award winner gave the opening remarks. The workshop was informative and well attended.

NEW MEXICO BLACK STUDIES CONSORTIUM

This organization coordinates the activities of Black Studies programs on various state institutions of higher learning. Participating institutions are University of New Mexico, University of Albuquerque, Eastern New Mexico University, New Mexico
State University, College of Santa Fe, Highland University, New Mexico Technical Institute.

There were three fruitful statewide meetings during the past academic year. The first was at Eastern New Mexico University, November, 1978, followed by another at New Mexico State University in December, 1978, and the final state meeting at the University of New Mexico, Albuquerque, January, 1978.

The scope of the discussions and resolutions covered the need for more Black faculty, provisions of tenure and tenure track to Black faculty, development of more Black courses, achievement of institutional support for Afro-American Studies programs, intensification of efforts to achieve departmental status for Afro-American Studies programs and many others.

It should be mentioned also that the Black Students Alliance, the statewide student organization and wing of the Consortium, met concurrently with the NMBS.

The attendance at these statewide meetings has been on the increase.

**AFRO-AMERICAN STUDIES STUDENTS EMERGENCY LOAN FUND**

This financial assistance program was started with an initial donation of $500 by the NuRho Chapter of the Omega Psi Phi Fraternity. It is intended to assist all Black students in financial crisis. Since its inception this financial program has been extremely beneficial to a good number of Black students.

The fund is supplemented by individual or organization donations and other monies raised through Afro-American Studies
projects.

All the funds are administered through the Student Financial Aid office on campus.

THE LENTON MALRY SCHOLARSHIP FUND

This program was started in honor of the only Black politician ever to serve in the New Mexico legislature.

Monies from this fund assist in the payment of tuition and book expenses of a Black student majoring in Political Science.

Application and selection of candidate is processed through the Afro-American Studies Program.

CAMPUS ACTIVITIES

The Afro-American Studies Program features prominently in committee on campus. For example representatives from the Afro-American Studies Program was involved in the discussion and decisions of the following committees:

1. Student Personnel and Administrative Advisory Committee.
2. Minority Recruitment Committee
3. Human Services Training Advisory Committee
4. E.E.O.

Further, the Afro-American Studies Program has participated in UNM High School Day, November, 1978, and the Telephone Campaign for Recruitment. Both of these activities were organized by the
School Relations department.

COMMUNITY ACTIVITIES

It is the tradition of the Afro-American Studies Program to be involved with community and national Black organizations. During the past academic year, Afro-American Studies Program was strongly represented at various state conferences. For example, the Afro-American Studies Program sent a contingent of representatives to the Black Leadership Conference in Santa Fe, August, 1978. The Afro-American Studies representatives contributed significantly to the workshops resulting in among others, a resolution supporting all Black Studies programs in the state. Again, the Afro-American Studies Program made an excellent showing at two state conferences of the NAACP at which a resolution addressing the whole issue of the validity of the Bar Examination was unanimously passed.

The Afro-American Studies Program is also strongly involved in stemming the constant charge of Police brutality. This concern has fostered a positive relationship with the Albuquerque Police Department resulting in the Afro-American Studies working with the APD to recruit Black people for the Police Academy.

The Afro-American Studies also participated in "Community Black Leaders Day organized by Kirtland Air Force Base, April, 1979. Information about the availability of jobs was the theme of the day. As a result of this workshop, Afro-American Studies Program was able to better provide services to the Black community
by referring qualified Black people for these jobs.

THE BLACK EXPERIENCE
TELEVISION PROGRAM

The Afro-American Studies Black Experience television program continues to be a vehicle for effective service to the Black community statewide. Programs dealing with the Black perspective on education, youth employment or lack of it, problems of Black youth with the law, Black arts and many others were featured.

The Afro-American Studies Program has used the television program to effectively project a positive image of the University of New Mexico thereby augmenting the university's efforts at recruitment.
Chicano Studies is now in its tenth year and continues to grow and change. There are now two separate components: the academic and the student support services. Close cooperation between the two continues, however. The academic unit will be housed in Marron Hall beginning in the fall, 1979. Its main function is to offer classes - initiate new ones and develop those already existing - to engage in research as well as to participate in other related activities.

Throughout the last decade Chicano Studies, in cooperation with several departments, has offered a variety of courses. At one time or another courses initiated, developed and coordinated by Chicano Studies have been offered through the following departments: History, Sociology, Political Science, Anthropology, American Studies, English, Spanish, Music, Philosophy, and Drama. In addition, Chicano Studies has also offered classes through Continuing Education, the Undergraduate Seminar Program, the College of Education and Teacher Corps.

A Faculty Advisory Committee, composed of faculty from different departments, continues to work with the coordinator. The Committee makes recommendations, proposes new courses or programs, serves as liaison with academic departments, the administration, and otherwise is responsible for overall development. As a result of recommendations made by this
Committee a new course was offered in the spring, 1979: American Studies 241, the Chicano Experience. Several invited speakers participated in the class including: Dr. Rodolfo Acuna, History, University of California, Northridge, Dr. David Maciel, History, Arizona State University and Dr. Maria Apodaca, Claremont Colleges, California. A film on the activities of Texas farmworkers was also shown. Some of these presentations were videotaped by the Instructional Media Center and are available upon request. Another innovative course, American Studies 301 - History, Literature and Folklore of the Southwest - was offered in summer, 1979. Again, outside teachers were invited to participate. Dr. David Maciel, Dr. Genaro Padilla, English, University of Utah, and Dr. Jose Limon, Anthropology, University of Texas, Austin, helped to make this an exciting and informative course. Student evaluations revealed the course was well received. In this same vein, plans are underway to attract a "well known scholar" to visit UNM during the spring semester, 1980.

A welcome addition to UNM, starting in fall, 1979, will be Dr. David Maciel, who has been appointed associate professor in the History Department. His scholarly interests are many, among them a strong interest in Chicano history. Hopefully Chicano Studies can work with Dr. Maciel and the History Department in future joint ventures.
The coordinator attended two major conferences: the Chicano Humanities Conference held at the University of Arizona in Tucson (sponsored by the National Endowment for the Humanities) and the seventh annual National Association of Chicano Scholars Conference held at Colorado College, Colorado Springs, Colorado. Other related meetings/seminars were also attended: including one at the University of California, San Diego and another at the University of Texas at El Paso.

Plans are underway to create a major/minor in Southwestern studies in the immediate future. Those courses appropriate for such a concentration and already being offered will be part of this new major. Other courses will be added as necessary. Administration or advisement for Southwestern studies would naturally come under the aegis of Chicano Studies and Native American Studies. Details have yet to be worked out.

A Southwestern studies institute or resource center is also in the planning stages. The Faculty Advisory Committee, Native American Studies, Associate Provost Joel Jones, and others agree that a Southwestern center would play a vital part in this area.
May 14, 1979

ANNUAL REPORT, 1978-79

Native American Studies
University of New Mexico

Roxanne Dunbar Ortiz, Coordinator
Larry Emerson, Assistant Coordinator
HISTORY

The Native American Studies Center was founded in the fall of 1970 and came as a result of student and community discussions with and pressures on the UNM administration. It is one of four centers or "Studies Centers," the others being the Afro-American Studies, the Chicano Studies, and the Women Studies.

The history of Native American student involvement with UNM dates back even further into the late 1940s and early 1950s when only a handful of students attended UNM. The first Native American student organization at UNM was the Kiva Club, organized in 1952 primarily as a social organization. It later developed into a club, chartered by the Associated Students of the University of New Mexico and began to address issues specifically related to Native American students. It focused on cultural differences and addressed problems peculiar to Indian students. By the late 1960s students began pressuring the UNM administration for a study center which was envisioned as a place for students to congregate for meetings, for information related to scholarships, employment and a place to develop a series of Native American related courses relevant to Indian perspectives. In 1970 the Native American Studies Center was founded and sought as its first objective to provide Native American input into the larger UNM curriculum, to provide counseling, tutoring, job information, and a facility for the Kiva Club and Native American Studies.

The Native American Studies Center has offered and will continue to offer a variety of three credit hour undergraduate courses at all levels of undergraduate studies. Our 1976 brochure describes the courses:
Southwest Indian Lifestyles; Interdepartmental Studies in the Culture of the United States: Pueblo Indian History; Reservation Economic Development; the Indian in a Multicultural Setting; the Five Civilized Tribes; The Indian in American Popular Culture; Current American Indian Problems; Literary Movements: Native American Literature: Early and Traditional Forms; Native American Literature: Contemporary. Other Courses offered have been Southwest Indian History and Native American Philosophy.

STUDENT ENROLLMENT AND OTHER BACKGROUND INFORMATION

At present, it is estimated that approximately 700 Native American students attend the University of New Mexico. If one were to include Indian students enrolled at UNM branch programs plus the on-site teacher training programs on Navajo and Pueblo lands, the number would swell to about 1300. UNM rates among the top major institutions which have the largest Indian student enrollment, however, not near the ratio of the Native American population.

Some 45-50 different tribal groups are represented, the bulk coming from neighboring reservations of the Navajo, Pueblo, and Apache groups. Since tribal affiliation is not requested of the student at any particular stage of enrollment it is difficult to accurately assess the exact number of Native American students at UNM. Native American student statistics are compiled by a computer and much information must be deduced from the data sheets provided NASC.

The city of Albuquerque with a total population of 300,000 has been estimated to have a Native American population of 19,000. Many national and regional Indian programs are located in Albuquerque. It is the headquarters of the All Indian Pueblo Council, Inc., representing some 45,000 Pueblo residents who live in 19 Pueblos on reservations. The
National Indian Youth Council, Inc., represents some 20,000 Indian youths. Other programs are the Indian Pueblo Cultural Center, Inc., a museum, gift shop, and restaurant; the Albuquerque Indian School; the Southwestern Indian Polytechnic Institute; the Bureau of Indian Affairs Area Offices; the Indian Health Service; the Albuquerque Urban Indian Center, Inc.; the Albuquerque Branch of the American Indian National Bank; the American Indian Management Institute; Americans for Indian Opportunity (AIO); and the American Indian Law Center at UNM to name a few.

**ADMINISTRATIVE STRUCTURE AND PHILOSOPHY**

The basic philosophy of NASC through its nine years of existence has not fundamentally changed. Its objectives have changed from time to time, always reflecting the needs of the Indian student body and Indian communities.

Native American Studies Center has struggled very hard and seriously for nine years, basically facing the same issues and working to resolve problems. Recurrent is the need for more funding and a better and expanded curriculum. NASC in 1979 faces the same problems.

An important goal of NASC is the education of all students who choose to take NASC courses and to participate in the intellectual development of the students. It provides a meaningful forum for the study and confrontation of ideas and issues relative to the Native American communities. It is to challenge and participate academically with students. It is to grow in issues and to reflect real community needs and to have those issues, ideas, sentiments, and expressions surface at UNM for the students to interact with, to consider and to apply to themselves and their people. NASC is also to provide a necessary link between the student and the university and the Indian community with the university. NASC is also to provide meaningful student services to students as a means to curb high drop-out rates, to
curb high withdrawal rates, to enhance the Indian student's stay here academically and to provide sound advice towards their academic and career plans.

Below is a diagram of the present NASC administration:

**NASC ADMINISTRATIVE STRUCTURE**
*(AT PRESENT)*

- **UNM PROVOST**
- **Associate Provost**
  - **Academic Affairs**
  - **NASC Advisory Board**
- **NASC COORDINATOR**
- **SPECIAL ADVISOR**
  - **STUDENT SERVICES**
- **ASSISTANT COORDINATOR**
- **FINANCIAL AIDS**
- **ACADEMIC ADVISEMENT**
- **RECRUITMENT**
- **CURRICULUM DEVELOPMENT**
- **COMMUNITY RELATIONS**
- **PLANNING & DEVELOPMENT**
- **KIVA CLUB ADVISORY**
NASC OBJECTIVES

At present, the NASC is involved in six basic areas or objectives. The program has naturally evolved into its present state, taking its cues for development from student input and from discussions with university officials.

1. **Student Services.** Basic to this objective is service to all interested Indian students in terms of financial aid information, registration, admission information, academic advisement, tutoring information, recruitment, Indian scholarship information, and limited personal counseling.

   Through Special Services, the Special Advisor/Counselor is housed at NASC in order to maximize Indian student contact. Since NASC serves a whole range of students, the Native American advisor/counselor is better able to serve Indian students from our office.

   A part-time counselor position was created in January 1979 to aid the advisor in academic advisement and counseling. The position was created more so to advise and talk with students, to help students with their problems.

   NASC staff, totaling five (5), all participate in one way or another in working with student problems, listing this matter of highest priority in serving the student population.

   All in all, the staff estimates serving from 270 to 290 students in the past two semesters this report encompasses. Listed below are the estimates:

<table>
<thead>
<tr>
<th></th>
<th>Tutoring</th>
<th>Advisement</th>
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<tbody>
<tr>
<td>Fall 1978</td>
<td>32</td>
<td>130</td>
</tr>
<tr>
<td>Spring 1979</td>
<td>21</td>
<td>90</td>
</tr>
<tr>
<td>TOTAL</td>
<td>53</td>
<td>220</td>
</tr>
</tbody>
</table>
Not mentioned here are the many, many students who come to the center for procedural and basic information concerning NASC, student information, and UNM itself.

2. Curriculum Development. In the Spring 1979 NASC funded five courses: "Southwestern Indian History" (History Department); "Indians in American Popular Culture" (American Studies); "Indian Literature: Early and Traditional" and "Indian Literature: Modern and Contemporary" (English); "Current American Indian Problems" (Anthropology); and "Indians in a Multicultural Setting" (American Studies). A sixth course, to be offered this summer 1979 is entitled "American Indian Economic Development" (Economics Department).

There are no extra special requirements in taking NASC courses. The courses are offered through various departments such as American Studies, the History Department, or Anthropology. For the Spring Semester 1979, an estimated 92 students enrolled in NASC courses. For the Fall Semester 1978, an estimated 133 students enrolled in NASC courses, making a total of 225 students being academically serviced through NASC in 1978-1979.

NASC makes use of Indian community resources, having utilized some 15 speakers and lecturers in its fall and spring semesters. Great use has been made of the 40 video reel-to-reel tapes on various subjects pertaining to Indian people. The tapes were developed by Native American Studies American Indian History Project which evolved into a publication program. The tapes will undoubtedly become more and more valuable as time moves on. Greater use will be made of the tapes, NASC has also worked with the Albuquerque Indian School in the usage of the tapes of their classes.

Initiative is taken by all NASC instructors and staff to develop the courses, drawing from few acceptable written materials that exist and making great attempts to develop meaningful courses. In developing a Native
American perspective to courses, much time and effort, often unnoticed, goes into research. Much time is spent working with other Indian "practioners" in economic development in order to draw a fuller picture for students in classes. NASC has produced a fact sheet on "Indian energy development in New Mexico" and has produced maps locating all the various coal, uranium, and other mining fields that will affect the native population.

3. **UNM Affairs.** The center is daily involved in inter-university affairs and activities, ranging from providing input into various committees, responding to departmental and studies center issues as they affect Indian people, working with other Indian programs, dealing with special student problems, as well as providing continuous routine input into the overall University operations.

4. **Planning and Development.** This newly created objective was initiated in January 1979 in responses to a need to plan and develop a long-range plan and to seek private and federal funding sources to supplement our inadequate funding. The assistant coordinator, hired in January 1979, became the prime staff member to assume these responsibilities.

Objectives are to seek ways to better serve the student, to seek ways to better serve the New Mexico Indian communities, and to develop a meaningful program that includes curriculum development, research writing and skill development, and a sound program designed to facilitate publications in the following areas: History, Literature, and the Development of Indian Communities.

5. **Kiva Club Advisory and Other Student Efforts.** The Kiva Club is a twenty-four year old ASUNM chartered student organization which primarily serves Indian students of UNM. The club, in the past as well as today, has provided student services in loans, tutoring, some academic advisement, guest lecturers, and social activities for its students. It receives a
yearly appropriation from ASUNM and fairly consistently sponsors a Native American candidate for Senate, the UNM student governing body. The club administers its own funds, is officed at NASC, and provides its own administrative direction. In the past the club has employed a "Kiva Club Administrator" to take care of its paperwork. The center provides much advice and support to the club's activities and functions. Technically, NASC is sponsor and advisor.

The Four Directions Newspaper. A monthly Native American newspaper is assembled totally by UNM Native American students with distribution statewide, nationally, and internationally. The paper bespeaks of many issues involving Indians of New Mexico and nationwide and is widely acclaimed as one of the better Indian newspapers in the country. This year Four Directions was chartered by ASUNM and now receives limited funding.

6. Community Relations. This objective is to continue and strengthen the programs relations with the New Mexico communities, including the various Indian communities. Plans are to begin regular visitations and initiate small scale research into the Indian communities in order to create real and pragmatic curriculum materials for use in NASC classes this fall.

NASC STRENGTHS:
1. NASC has consistently been involved with financial aid information which includes Bureau of Indian Affairs and Tribal Scholarship office relations on both the regional and national levels. NASC serves an estimated 45 to 50 tribes in terms of its student population.
2. NASC works with no less than 14 financial or scholarship aid offices which deal with Native American students.
3. In its nine years of existence, NASC has actually academically helped hundreds of students through its curriculum program and has helped to stimulate and publish many writers of poetry and fiction.
4. NASC has consistently been involved in a program of academic advisement that has been tailored to provide sound advise for Native American students.

5. NASC has consistently worked with various career-oriented programs such as the Navajo Health Authority, the All Indian Pueblo Council Health Careers or the U.S. Forest Service. NASC has provided its facilities for meetings between these agencies and students. The center has helped to publicize these events and also sponsor receptions in an effort to link the Indian student with such programs.

6. At times NASC has provided personal counseling to Indian students who would not normally seek such aid from non-Indian personnel or institutions. NASC staff members have also worked with local civil and criminal agencies when it concerned Indian students. While at present, the center does not employ a fully-trained counselor, many times the situation demands such attention, especially in emergency situations.

7. NASC at all times stands available to help any student who seeks some kind of aid, advisement, limited counseling, research skill development, academic counseling or other. It is the policy of the center to always be available, considering its limited staff and man-hours.

8. NASC has always provided a sound academic program with quality instructors who have the respect of both Native American and non-Native American students. A recent student survey conducted by NASC found this to be the case. (See Attached Report).

9. NASC has the ability to work with other UNM staff such as the Admissions Office, the Registrars Office, or with registration, and to provide input into the Affirmative Action Committee, the Student Concerns Committee, and the Minority Concerns Committee.
10. NASC has made a conscious effort to increase its communication with the Indian student body through the implementation of several programs designed to seek formal input into NASC.

11. NASC within the university structure has been institutionalized and is funded with "hard funds" which is significant in terms of its permanency.

12. NASC structure is not a department (which reflects a weakness as well) and has relations directly with the Office of the Provost and as a result has flexibility without direct competition from larger more powerful departments.

13. The combination of its student services and academic program makes NASC an unusual program in the university. NASC works with students at two levels: 1) Financial, academic and/or personal counseling and other services, and 2) on the intellectual development level of students. NASC is engaged in research and provides valuable perspectives on not only the students' themselves, but also as Indian people and their role as Indian citizens of this country and of their own societies as well.

NASC WEAKNESSES:

1. NASC experiences a very limited success in its relations with students and student services. The program did not affect as many students as it could have. This is due to several factors, the most important being a lack of adequate staffing and funding support.

2. According to the February 1979 Student Questionnaire Survey, there was a great lack of information concerning NASC on the part of the great majority of students. The students who were polled at random were mainly freshmen and sophomores, a target group who could greatly benefit from NASC contact. NASC outreach services were limited, again due to a lack of adequate funding for such items as brochures, receptions, or other social and academic activities.
3. NASC lacked a personal counselor, a fully trained and schooled Native American, to provide a more meaningful commitment to the Indian students. The availability of this specific service was lacking and thus not utilized, despite a great need as voiced by NASC staff and documented in the Student Questionnaire Survey.

4. NASC also experienced an inability to work with other studies centers in an effective manner. Causes were the greatly increased workload on the center resulting from the centers new objectives, a lack of communication with the other centers, and limited staff time to devote to such efforts.

5. NASC failed to allocate enough time to attend key meetings such as faculty-senate meetings or various committees, resulting in a lack of information, a lack of inter-relations and thus a loss of potential effectiveness as a voice for Native American programs.

6. NASC found that its image was both good and bad among many of the students. The center's programs were not effectively communicated to the students and this resulted in an image that may be termed "inconsistent" with the way the center view itself. Students did not have the time to come to NASC; they did not necessarily see a reason to come to NASC, or saw center staff people as unfriendly. The resulting image is seen as a serious weakness.

7. Programs and services offered by NASC were not taken advantage of by greater numbers, again, caused by the lack of communication. There was insufficient feedback from students whose voice is greatly needed in order to better serve the students.

8. In terms of office space, there was insufficient meeting room space, office space was inadequate for the type of advisement and counseling that happened, staff were limited to usage of the photocopying machine.
which is limited in the types of reproduction it can perform, and student/staff room for a relaxed atmosphere was limited due to a lack of space.

9. Student interaction with the center was very limited. However, the most obvious was a lack of knowledge on the students' part which limited interaction coupled with a lack of a formalized means (developed by NASC) to reach the student.

10. Although institutionalized within the university, NASC has an image that is viewed as somehow not quite legitimate enough. Since the center is not a department it suffers in terms of its academic goals—not its services—and is consequently "weak" in this area. There has been a tendency on the part of faculty, deans, and some students to view NASC as a social and material service program, rather than a research, scholarly or curriculum development organization which is what a university is about for the most part.

11. Though NASC funding is "hard funding", ostensibly "instructional," in fact, a very small portion is designated for instructional use. Most funds are consumed by staff employee salaries which is small to begin with. Thus, a small staff with little funds to work for larger goals limits its potential.

12. NASC as a program works within an institutional structure that lacks a commitment to goals of real affirmative action (not simply federal guidelines) and a knowledge of the issues of the Indian people and its uniqueness in this society. Most ethnic studies centers depend upon the support and participation from their ethnic faculty on campus. UNM has one tenured Indian faculty person, making NASC disproportionately dependent upon students and non-Indian faculty for support of its programs.
ACCOMPLISHMENTS:

1. A highlight of the 1978-1979 academic year was NASC's first publication, *Economic Development in American Indian Reservations*, which was published in early May 1979 and is now available for sale through NASC. The publication comes in an era of great need and of serious discussion nationally concerning this important topic. Sales have been very successful with over 100 sold in less than two weeks, indicating a great demand for such information. It was largely through the efforts of the coordinator, the staff, and work-study student help that this publication became a reality. It is also a "first" in a series of publications planned for NASC. The publication fulfills an important contribution not only to American Indian education, but also to scholars, economists, tribal governments, community planners, and a whole host of other interested officials and grassroots people.

2. NASC hosted and co-sponsored a "Seminar in Indian Economic Development in Indian Reservations of New Mexico" with the All Indian Pueblo Council, Inc., on May 4 and 5, 1979, at the Midtown Holiday Inn, Albuquerque. The conference also grew out of a defined need not only in Indian country, but also from 1977-1978 American Indian History Project recommendations. The seminar was a total success, well-attended by 200 tribal officials, particularly economic planners from the Apache, Navajo, and Pueblo groups. It had the endorsement and input from the All Indian Development Association of AIPC; the Office of Navajo Economic Planning Division, Navajo Tribe, Window Rock, Arizona, Navajo Nation; as well as the various tribal officials and students who were involved in the planning. Funding for this seminar was provided by three foundations including the Greater UNM Fund. An official report from the seminar is in preparation and will be available May 25. The Seminar gave birth to a permanent Planning
Committee for quarterly Seminars co-sponsored by AIPC and NASC, UNM.

3. NASC also initiated Research and Term Paper Workshops held weekly throughout the Spring Semester 1979 in order to accomplish several goals. The first goal was to help interested students with their term papers for the purpose of idea development (many students are very interested in Indian issues but do not know much about them), research skills development and term paper writing. Secondly, the workshops were designed to include an Indian community person at UNM through NASC to address workshop students concerning real and pertinent issues in Indian education or energy issues, for example. Thirdly, the workshops sought to pair the students with the Indian community representative as a "practitioner" and create a working relationship between them and thus the student learns issues first-hand then develops his or her term paper. Fourth was the goal to enhance the academic experience of the student. Fifth was to strengthen the student's hold on his grades, to improve his grades as a means of "retention." Sixth was to redefine the center's image and reason it is here at UNM, and to work towards more meaningful educational goals.

4. NASC also held the first-ever "Indian Seniors Reception" with specific goals to recognize their accomplishment and to have the seniors meet one another. Though about one-fourth of the seniors attended this reception, it was nevertheless a step in the right direction and will be used as a stepping stone in planning better receptions or dinners.

5. NASC is also the UNM Chair of the organization, Committee on International Education (CIE) which is a program of the Border State University Consortium for Latin America (BSUCLA). For the first time, solely because of NASC efforts, seven of nine grants awarded to students for
study in Mexico or Latin America were awarded to UNM Indian students. As a result, four artists and three students interested in social studies will be travelling for study this summer in Mexico.

6. NASC has been designated as a training center in a national program sponsored by the prestigious Institute for the Development of Indian Law, Washington, D.C. to offer workshops to tribal officials in "Indian Sovereignty", "Federal Trust Relations", "Indian Water Rights", "Tribal Jurisdiction" and "Federal-Indian Relations".

7. NASC has been largely successful in working with UNM School Relations providing valuable input into their program's visits to Indian schools.

8. NASC has worked closely with the Kiva Club in weekly meetings and in their annual Nizhoni Days celebration.

9. NASC has worked with Albuquerque Public School Radio Program in linking the students with radio programs for taping and broadcast of Native American perspectives to history and New Mexico.

10. NASC has hosted several Indian high schools who have toured the UNM campus with NASC. These schools were Rough Rock Demonstration School, Sanostee School, Ramah Pine Hill School, St. Catherines Indian School, Newcomb School, Zuni High School, Cuba High School, the Institute of American Indian Arts, and two Headstart schools in north central New Mexico and west New Mexico. NASC provided speakers to talk to the students of college life, studies, NASC, the other Native American programs, plus a variety of other matters. NASC also hosted the Many Farms High School Choir.

11. NASC has consciously followed direction from its Advisory Committee made up of faculty and staff of UNM, and of all the Native American programs at UNM.
12. In 1978-1979, NASC supervised successfully student workers funded by the Navajo Area School Board Association (NASBA). The NASBA student workers administered the Student Questionnaire Survey, tabulated the results, interpreted the data, and made important recommendations to NASC. Through such efforts NASC did make formal its goal to reach out in an effective way to the Indian student body and also provided useful training for NASBA students.

13. NASC has initiated efforts to begin a small library for research purposes and for general reading of unpublished materials, data, and hard-to-find research papers. NASC has worked closely with the Ethnic Studies department of Zimmerman Library to this end and will utilize its same cataloging methods thereby making NASC's library compatible with the Zimmerman Library.

14. NASC has made efforts to include UNM Indian artists by permitting meeting space for the newly formed Grey Canyon Artists group and through working with the artists to produce a mural for the center.

15. NASC is an active participant in an effort begun by Los Estudiantes Organizados por La Cultura, a Chicano student organization, to initiate an inter-department newsletter in an effort to better communicate with other studies centers.

16. NASC has provided much of its time to serve as speakers to various classes and other institutions locally, regionally, nationally, and internationally. NASC initiated efforts to provide student workstudy in local Indian economic development office through one Acoma Pueblo student who has been interning twice a week at the All Indian Development Association.

17. NASC has also provided input into such student efforts as the Four Directions newspaper and the Native American Women's Coalition. Two
students active at NASC were recently honored at a UNM president's reception for other such students.

NASC NEEDS AND RECOMMENDATIONS:

1. A full-time professional Native American Counselor. This is a sentiment expressed by every staff member and student. This need is reflected in the Student Questionnaire Survey report, May 1979.

This position is direly needed to begin opening up a more meaningful program designed to aid the Indian student during his stay here at UNM. NASC through such a position can definitely provide a fuller range of service to its 700 or so Indian students and reduce dropouts, withdrawals, and aid retention of badly needed students.

2. Student and Community Outreach. NASC should make efforts to reach more students (through brochures, news media, meetings, etc.) in order to better inform students of its programs and services. NASC should utilize every means possible to carry out this need. Such programs can be social such as games, or cultural events, "film days," "tribal leaders day", and "study programs" where the older students help the younger ones. Supplementary funds are needed for such activities.

3. More Native American Faculty. This can be accomplished by more support for funding from university administrators. NASC is currently documenting a need for a more unified and integrated curriculum development, complete with research materials, courses, community resources, and the like focusing on Southwest Indian communities. NASC will by the end of the summer come up with documented materials leading to this need.

4. More and better Research programs. NASC needs to realize the great need in this area. It needs to expand its program to formalize research of serious community issues, to find alternative means to arrive at
problem solving, to look at special areas of concern, and to publish and distribute these findings.

5. Publication Program. NASC needs to begin to find formal and programmatic ways to foster more and more publications concerning Native American issues. NASC needs to seek the support of UNM, the Indian community and students in order to realize this great need and to implement meaningful programs designed to meet this need. NASC has begun initial efforts to meet these needs through its efforts to establish a small research resource materials library.

6. NASC facilities and equipment. The center needs to take a closer look at its facilities and make better utilization of its limited space. NASC needs to look for better office equipment and expanded work space.

7. NASC and its relations with other centers and departments. NASC needs to begin to open doors of communication with other centers and departments. NASC has already initiated steps towards these ends and will continue to do so. NASC also needs to begin taking steps in its planning to involve itself more consciously with university committees of special importance to NASC and the welfare of its Indian students. Although the staff is limited, efforts nevertheless should be made through its weekly staff meetings to meet this end as best possible.
8. NASC and Indian students. NASC should take immediate steps to include students in the program as much as possible. NASC has initiated steps through its student planning committee, but more effort is needed in terms of long range planning and development.

PROPOSED CHANGES AT NASC:

Native American Studies Center in its planning is proposing some changes in its administrative structure and objectives. NASC does not propose to delete its programs, rather it desires to expand its programs and objectives.

1. NASC Objectives:

a. UNM Affairs. To continue role as a vital UNM departmental administrative office, as an Indian program offering a voice in UNM affairs and as a center for UNM Indian student academic concerns.

b. Student Services. To develop a meaningful input into student services as it applies to Indian students and to work with students services to insure a successful program.

c. Community Outreach. To develop close working relationships with Indian communities, particularly as it applies to 1) the Indian community studies program (ICSP) concept, 2) tribal and federal scholarship aid information, 3) Native American students of UNM, and 4) to the general educational well-being of Native American and non-Native American students of UNM.

d. NASC Courses. To integrate NASC courses to include the Southwest Indian Community Studies (ICSP) concept where applicable, being careful not to harm existing classes.

e. Research. To develop bibliographic strength and materials-gathering for Indian community studies program; to develop a materials collection on ICSP concept.
f. Curriculum Development. To develop a meaningful and relevant curriculum concerning the ICSP concept and other courses as well.

g. Publications. To seek funds to publish materials relevant to ICSP and to other crucial areas in Native American Studies as well.

Thus, the new or expanded program in comparison to the present program includes an expanded community outreach program, research, curriculum development, and publications.

With these proposed objectives, NASC feels it can begin taking positive steps in providing necessary educational impetus for the students of the University of New Mexico.

The proposed expansion of objectives would happen on a very limited basis, careful not to begin too large. However, in the community outreach program, NASC will spend many man-hours in talking and planning with community members and programs in an effort to begin laying the foundations for its curriculum program.
PROPOSED NASC ADMINISTRATIVE STRUCTURE (IN PLANNING STAGES)

UNM PROVOST

ASSOCIATE PROVOST
ACADEMIC AFFAIRS

NASC COORDINATOR

NASC ADVISORY BOARD

NASC ASSISTANT COORDINATOR

SPECIAL ADVISOR
STUDENT SERVICES

FINANCIAL AID
ACADEMIC ADVISEMENT
RECRUITMENT
TUTORING
COUNSELING

UNM AFFAIRS
COMMUNITY OUTREACH
NASC COURSES
RESEARCH
CURRICULUM DEVELOPMENT
PUBLICATIONS
CLOSING STATEMENT.

Despite many prohibitive factors, NASC has survived within the university structure and is beginning to grow in its weaker areas. Support for NASC campus-wide and from the Indian community has grown significantly during 1978-79. Strengthening of the academic component has been accomplished, but not as greatly as NASC would desire. However, academic development has not been done at the expense of the student services area. Planning has been successful in integrating the two parts of the program and both have experienced some growth and linkage despite limited staff.

NASC's greatest need for implementing fully its goals is funding and this fact will require an educational process for the university decision-makers and administrators to provide the needed support.

Meanwhile, reorganization of the small staff and resources has and will continue to produce optimum results which in itself will strengthen more interest and commitment on the part of the various people connected with NASC.

NASC believes that leadership for a deeper and broader commitment to affirmative action and to the growth of the ethnic studies at UNM must come from its administrators. NASC believes that the requirement for hiring and advancement of ethnic faculty and the recruitment and retention of minority students should be written in all UNM guidelines that come from administrators and that UNM actively participate in terms of better funding for the ethnic studies centers.

The university administrators should see NASC as playing an important and integrating role between Indian communities and the university. The fact is that NASC is already actively engaged in such a liaison role. UNM should make use of NASC in this respect. There is a tendency to create
committees and make recommendations in which NASC is not utilized in the program through which to work for the coordination of Indian programs at the university and liaison with the Indian community.

UNM should publicize and take pride in NASC and not leave the visibility and viability of the program up to the efforts of the small NASC program and staff alone. The real quality of any university in the United States will soon be judged by their success in terms of quality ethnic studies programs. UNM has a unique opportunity to excel and work with NASC in New Mexico; the heart of Indian land.
Listed below are offices and programs NASC regularly deals with:

**UNM Administration**
- Office of Admissions
- Office of Records
- School Relations
- Financial Aids
- Registration
- Office of the Provost
- Dean of Students
- Housing
- Continuing Education

**UNM Native American Programs**
- Native American Program, College of Engineering (NAPCOE)
- American Indian Law School
- AIPC On-Site Teacher Training Program
- Navajo On-Site Teacher Training Program
- School of Nursing, Lorraine Valdez
- Navajo Scholarship Office
- Public Administration, Navajo Program, Al Harris

**Other UNM Offices**
- Zimmerman Library: Ethnic Studies and Government Publications
- AGORA
- UNM Academic Departments: History, English, American Studies, Anthropology, Economics
- Chicano Studies
- Afro-American Studies
- Women Studies
- University Press
- Lobo Newspaper
- KUNM FM Radio Station
- UNM Public Information Office

**OFF-CAMPUS RELATIONS ESTABLISHED**
- AIPC Higher Education Office, Albuquerque
- Navajo Higher Education Office, Window Rock
- American Indian Scholarships, Inc., Taos
- AIPC Health Careers, Albuquerque
- Association of American Indian Physicians, Albuquerque
- Eight Northern Pueblos Talent Search Program, Santa Fe
- Albuquerque Indian School, Albuquerque
- Laguna Scholarships, Laguna
- Hopi Health Careers, Hopi Nation
- Institute of American Indian Arts, Santa Fe
- Jicarilla Agency, Dulce
- Albuquerque Urban Indian Center, Albuquerque
- Navajo Area School Board Association, Window Rock
- Bureau of Indian Affairs, Albuquerque
- Mescalero Apache Education Office, Mescalero
- New Mexico Council of American Indians, Albuquerque
- Navajo Health Authority, Window Rock
- Native American Materials Development Center, Albuquerque
OFF-CAMPUS RELATIONS ESTABLISHED - cont'd.

National Indian Youth Council - Manpower, Albuquerque
New Mexico Educational Opportunities Center, Espanola
Title VI Office, Urban Indian Education, Albuquerque
Navajo Tribal Scholarships Office, Window Rock
United Scholarship Service, Denver
Zuni Higher Education Office, Zuni
Zuni Learning Center, Zuni
American Indian Higher Education Council, Albuquerque
Navajo Office of Economic Development Planning, Window Rock
Navajo Office of Labor, Window Rock
Navajo Office of Labor Relations, Window Rock
Navajo Office of the Chairman, Navajo Tribal Council, Window Rock
Pueblo Office of the Chairman, All Indian Pueblo Council, Inc., Albuquerque
Navajo Community College, Shiprock Campus, Tsaile Campus
University of Arizona, Graduate School for American Indian Policy, Tucson
Colorado State University, Fort Collins, Native American Program
Northern Arizona University, Native American Programs, Flagstaff
Fort Lewis College, Inter-Cultural Program, Durango
All Indian Development Association, AIPC, Albuquerque
Indian Pueblo Cultural Center, Albuquerque
New Mexico State University, American Indian Resources Division
Institute for the Development of Indian Law, Washington, DC
American Indian Environmental Council, Albuquerque
New Mexico State Office of Indian Affairs, Santa Fe
National Indian Youth Council, Albuquerque
American Indian Opportunity, Albuquerque
New Mexico Indian Environmental Education Project, Albuquerque
Ute Mountain Tribal Council, Towac
Southern Ute Tribal Council, Ignacio
Jicarilla Apache Tribal Council, Dulce
Mescalero Apache Tribal Council, Mescalero
New Mexico Educational Opportunity Center, Espanola

The Advisory Committee is composed of committee members:

Richard Ellis, History
Felix Gurule, College of Nursing
Louise Lamphere, Anthropology
Alfonso Ortiz, Anthropology
Anita Pfieffer, Elementary Education
Jim Shorty, Engineering
Lucille Stillwell, Navajo Teacher Education
Lawrence Weiss, School of Medicine
Michael McKenzie, Kiva Club President
Robert Fast Horse, President, American Indian Law Student Association
Phillip Deloria, Jr., Law School
Richard Griego, Mathematics
Dan Hohnani, Elementary Education
Gerald Nash, History
Vic Pedro, Bio-Medical Sciences

The committee is composed of all the Native American programs on campus.
UNIVERSITY OF NEW MEXICO
GENERAL LIBRARY

Annual Report, 1978-79

Paul Vassallo
Dean of Library Services
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INTRODUCTION

The process of self-analysis engaged in by the Library during the past fiscal year gave it an opportunity to take careful measure of its successes and shortcomings. But a more precise measure of success is the recognition of peers.

On May 16, 1979 the University of New Mexico General Library was invited to become a member of the Association of Research Libraries. This invitation is a reflection upon the excellence of the Library, its collection, staff, and administration. It signifies the accomplishment of a longstanding objective on the part of the Library and gains for the University of New Mexico a new and higher standing in the field of scholarship and research.

1979 also saw, on April 9-11, the review and evaluation of the University and its operations by a Review Screening Committee of the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools. This agency is responsible for the accreditation of the University.

Among the results of this evaluation as endorsed and as announced by the Executive Board of the Commission at its meeting of July 23, 1979 and conveyed to Dr. William Davis, UNM President, were the following recommendations:

Accreditation to be continued at the doctoral degree-granting level.

An evaluation be scheduled in three years, 1981-82, focused on the Gallup Branch.

The next comprehensive evaluation be scheduled in ten years, 1988-89.

More germane to the Library was the following recommendation:

A report be filed with the Office of the Commission on Institutions of Higher Education by June 30, 1982, specifically addressing the status of the Library, especially library finances.

It should be noted that the Commission has recognized the funding problems facing the Library, and felt that the role of the Library in the academic life of the University was important enough to warrant a review fully six years before the next comprehensive evaluation.
Planning for the future is an integral part of Library operations. Yet for planning to be successful it must be based upon a foundation of achievement. The achievements of fiscal year 1978/79 came from planning and work. Among the items which bear highlighting is the first book count in three decades; the reorganization of the Collection Development Department; the new emphasis that was placed upon public service--and the orientation and instruction programs that this effort has given birth to; the establishment of the Government Publications Department--an effort that will provide a more fully supported and broader access to this important area of information; the integration of the OCLC-ILL service into the operations of the Library--this service, a computer-based interlibrary loan system, is a harbinger of future interactive operations in library services; the increasing use of the Special Collections Department and its unique and varied resources; the establishment of an internship position which provides academic library experience to an outstanding library school graduate; the continued and increasing cooperation with TVI, the Albuquerque Public Library, and the University of Albuquerque to provide broad-based services to the citizens of New Mexico; the administrative initiatives and responses that have been made to combat the problem of declining resources with which the Library is faced.

Within the pages of this report these items and others will be found giving the reader a picture of the many activities that make up the daily operations of an evolving research library.

Administrative Services and Office of the Dean

Administrative Services fulfills a support function for all areas of the General Library: Zimmerman, Fine Arts, Parish, and Tireman. Included in this function are systems and development, fiscal services, personnel, buildings, and the office of the dean.

Fiscal Services

The fiscal services staff prepares and controls a 3.38 million dollar budget, all grants, gifts, and special accounts. They also pay all invoices and purchase orders, issue and control all requisitions, prepare payroll time reports for an average of 287 staff and students in the amount of 1.74 million dollars and maintain and control annual and sick leave records for the non-exempt staff.

Fiscal Services became responsible for the accounting functions of the Friends of the UNM Libraries in late 1978, when they incorporated. In May, 1979, Fiscal Services returned the billing functions for Copy/Media...
Center to the Center, but retained all other accounting functions for the Center. A new accounts receivable was set up for Copy/Media Center in order to allow more control over bills not paid. Fiscal Services retained the accounting function for Interlibrary Loan and the On-Line Data Base Services of the Library.

The expected change to Phase IV of the Baker and Taylor Automated Buying Service did not take place during fiscal year 1978-79. After much experimentation, it was determined to be nonfunctional and was dropped. The Library is committed to improving its acquisitions system and will be exploring a variety of possibilities in fiscal year 1979-80.

The Library expended 100% of its 1979 appropriated funds and will carry over about $171,000 in unexpended bond funds. The bond funds are available for paying for books into fiscal year 1979-80.

Personnel

The procedures and resulting paperwork necessary for hiring, promoting, transferring, terminating and evaluating all students and staff are initiated by this office, which is also responsible for monitoring the procedures of search committees appointed to recruit and hire faculty.

During the year, there were four search committees appointed to recruit and screen for four permanent faculty positions. About 260 applications were received for these positions and eight people were interviewed. The resulting new faculty members are: Dr. Connie Capers Thorson, Humanities Bibliographer who became acting Head of Acquisitions; Stephen Rollins, Head of Circulation; Patricia Jennings, Assistant Serials/Acquisitions Librarian; and Diane Stine, Serials Cataloger.

Intern Position

Yet another search committee was established to recruit for an intern position which was to be a year long visiting instructorship. The deans of fifty-eight American Library Association accredited library schools were asked to nominate superior students with the scholarly potential for academic librarianship and with a Latin American specialty. Twenty-two nominations were received from fifteen deans of library schools geographically scattered throughout the country. Telephone interviews were conducted with references and with top candidates. Dr. Russ Davidson was selected for the Internship position.
The General Library continued to recruit minorities for staff and faculty positions during fiscal year 1978-79. The Library worked with CETA, the National Indian Youth Council, the All Indian Pueblo Council and Career Services for the Handicapped. Individuals referred from each of these organizations were hired by the Library. The Library again responded enthusiastically to the Work Opportunity Research Program offered by the Albuquerque Public Schools by hiring about 10 high school students. Several individuals sent by the Municipal Court did community work in lieu of sentences.

Buildings

The Administrative Services Office is charged with monitoring Zimmerman and three branch libraries for safety problems, repair needs, remodelling, furniture moves and supply needs.

A number of departmental moves and rearrangements took place. The Bibliographers' offices were converted to conference rooms; Room 127G was converted to a meeting and class room; Serials Cataloging moved from the first floor to the ground floor and the Bindery moved from the ground floor to the first floor. A 3M security system was installed at the dock door to minimize loss of material.

The responsibility for the mailroom was shifted from Administrative Services to the Acquisitions Department.

Systems and Development

A comprehensive study of the statistics and report gathering system of the General Library was done by the Assistant to the Dean for Systems and Development.

A computer-based model system was developed in consultation with Library staff, but testing by the Assistant to the Dean for Systems and Development proved that while the model in theory was excellent, it was, in everyday use, neither practical nor cost efficient. The result of the study proved that the current records keeping system was still adequate; especially when it was combined with specific data gathering projects.

One of the most successful of this year's projects was the count made of the physical volumes in all buildings of the General Library. Although it took months of tallying and reconciliation after the count to arrive at the final report, there were many benefits, among them the following:
1. Confirmation of the collection's size. This had not been done for decades.

2. Creation of a benchmark for growth.

3. Creation of a comprehensive assessment document by subject classification which supports prior and subsequent shelflist measurements.

4. Affirmation of the counting technique as a faster means of obtaining collection size than an inventory.

5. Temporary creation of esprit de corps and of broader awareness on every participant's part of the scope of the library's collections.

6. Provision of data needed for comparative analysis of circulation volume in each library and in each subject classification.

7. Identification of many incorrect spine labels.

8. Display of a new management technique, with appropriate campus-wide publicity.

Staff Development

In the rapidly changing environment of information management, storage, handling and retrieval, the need for constant skill revision and improvement has led the library to institute a program of Staff Development. Workshops were begun and included sessions on discipline and grievance procedures, analyzing performance problems, telephone procedures, interviewing, time management, and supervisory skills. A 16-hour orientation program for new library faculty was created. It is expected that the staff development function will increase significantly as this service is proving to be one both desired and needed by the Library staff.

READERS' SERVICES DIVISION

The focus of activities in the Readers' Services Division this year has been on the expansion of services to the General Library's users. This has included extending services to a larger group of people and improving existing services to the campus community.
Circulation Systems Study

Total circulation in Zimmerman increased by 34,000 items over the 1977-78 Circulation figure. This increasing circulation activity is placing a great strain on the current circulation system; thus it was appropriate that one of the major undertakings of the Circulation Department was an extensive study of automated circulation systems. Since implementation of such a system would require a commitment from all Readers' Services personnel, our planning was designed to include everyone. Descriptions of the patron and book record form were developed and a sample record form was circulated for examination by Readers' Services Departments. All staff were invited to attend presentations of commercial systems, including CLSI, Dataphase, and Cincinnati Electronics. The knowledge gained from this study will be of great value in planning for a circulation system that will be appropriate for the Library's circulation volume.

OCLC-Interlibrary Loan

During the Spring Semester, the new OCLC-Interlibrary Loan system was installed. The UNM General Library joined this system via its regional network, AMIGOS. By gaining a seat on the Interlibrary Loan Advisory Council, we were placed in a position to influence the goals for the system. The UNM General Library offered to host the training sessions for New Mexico, held on April 12th, and thus reaped the advantage of getting training for more than one employee. Since the Center for Research Libraries is not using OCLC-ILL, we will investigate using Tymshare for these requests and attempt to eliminate the existing TWX system, if appropriate and cost effective. In addition, the ramifications of the use of OCLC-ILL as a message system are being analyzed in the hopes of producing a holistic library communication system.

Reserve Materials

Statistics were kept on the use of materials placed on reserve by teaching faculty. Since the increase in use over last year was 18.6%, it was important to determine that the system be used effectively - i.e., that those books in high use/demand be put on reserve and that others be re-evaluated. In this analysis, books used fewer than four times in the semester were judged more appropriate for regular circulation since our one-month loan period provides three regular circulations per semester. The results indicated that some teachers made very effective use of reserve services, while others were clearly placing a large burden upon the library for processing the reserve books but not requiring their students to use the materials. This is also a disservice to those who would have used the books if they had been left in their normal places in the collection.
User Satisfaction

As part of the self-study prepared for the visit of the North Central Accrediting Agency, a survey of users' satisfaction was done in the Spring of 1978. In April of 1979 this same study was repeated with results as shown:

Number of respondents: 1978 - 471 1979 - 240

Percentage responding "Good" or "Excellent" on question about:

- Success in finding material: 1978 - 72% 1979 - 90.5%
- Success in obtaining help: 1978 - 81.6% 1979 - 82.5%

Percentage evaluating the libraries as a "pleasant place to use":
1978 - 92% 1979 - 91.6%

Orientation and Instruction

The orientation and instruction programs have increased to the point where we need to evaluate whether existing programs are cost effective. In order to meet the demand for tours from outside groups, the policy was revised to include volunteers from all departments of the library acting as tour guides. The tours for English 101 seem to have expanded to the point where sufficient staff members are not available to conduct all of these programs.

Orientation and Instruction Statistics

<table>
<thead>
<tr>
<th>Students</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Readers' Services</td>
<td>72</td>
</tr>
<tr>
<td>Reference</td>
<td>6482</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>246</td>
</tr>
<tr>
<td>Parish</td>
<td>275</td>
</tr>
<tr>
<td>Special Collection</td>
<td>309</td>
</tr>
<tr>
<td>Tireman</td>
<td>260</td>
</tr>
<tr>
<td></td>
<td>7744</td>
</tr>
</tbody>
</table>

7
On-Line Services

At the beginning of Semester I, 1978-79, the General Library, after consultation with the College of Education, stopped providing ERIC/GANDALF searches via the on-campus computer and began to provide higher quality on-line access to the ERIC data base. This is offered as part of the on-line search service which now accesses more than 70 data bases. Free demonstrations of on-line searches are available for classes upon faculty request. The General Library continues to purchase ERIC tape updates to be maintained by Data Processing, and teaching faculty may arrange for their students to conduct ERIC/GANDALF searches of these tapes through campus terminals available for student use.

An on-line Search Service Policy was proposed and approved by Executive Council, effective August 21, 1978. An analysis of 248 searches run between August 21, 1978, and April 6, 1979, provided the following usage information:

<table>
<thead>
<tr>
<th>Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate students</td>
<td>51.6%</td>
</tr>
<tr>
<td>Faculty</td>
<td>25.4%</td>
</tr>
<tr>
<td>Undergraduates</td>
<td>14.5%</td>
</tr>
<tr>
<td>Staff</td>
<td>5.7%</td>
</tr>
<tr>
<td>Other</td>
<td>2.8%</td>
</tr>
</tbody>
</table>

During 1978-79, 46 different University departments, special programs, or administrative offices used the search service. Of these, some used the service far more than others:

<table>
<thead>
<tr>
<th>Department</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Education</td>
<td>46.0%</td>
</tr>
<tr>
<td>College of Arts &amp; Sciences</td>
<td>29.2%</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>3.2%</td>
</tr>
<tr>
<td>College of Fine Arts</td>
<td>0.5%</td>
</tr>
<tr>
<td>School of Architecture</td>
<td>2.0%</td>
</tr>
<tr>
<td>School of Management</td>
<td>4.5%</td>
</tr>
<tr>
<td>Division of Public Administration</td>
<td>0.8%</td>
</tr>
<tr>
<td>School of Medicine</td>
<td>3.6%</td>
</tr>
<tr>
<td>Other</td>
<td>7.0%</td>
</tr>
</tbody>
</table>

A continuing staff training program is vital to an effective on-line search service because of complex data bases and rapidly changing technical capabilities. The coordinator has developed a basic training program for new searchers. During 1978-79, experienced searchers attended Lockheed Advanced Users' Conference, Chemical Abstracts Workshop, New York Times Advanced Training, BRS Training, BIOSIS Advanced Training, Engineering Index/COMPENDEX Training, and ERIC Workshops.
In addition to Lockheed/DIALOG, SDC/ORBIT, and the New York Times Information Bank, the service now accesses BRS through AMIGOS.

Parish Library

A mission statement for Parish Library was written using the results of a study of Parish done by Prof. Marion Smith of Stanford University. It was decided that the collection would be a selected item-by-item choice of current materials directly related to the programs of the School of Management. Procedures were developed for the appropriate transfers between the Zimmerman and Parish libraries, and a substantial amount of the work was accomplished this year. Unfortunately, this did little to reduce the acute space problem in Parish. Other improvements in service, such as an expanded current serial display, more orientation sessions and longer reference hours during evenings and weekends, increased the use of the Parish Library by seven percent. As a consequence, the shortage of seating space has become even more evident.

Special Collections

The Special Collections Department under the stewardship of a new Department Head, Mr. Donald Farren, experienced a fifty percent increase in use. Mr. Farren came to us from the John Carter Brown Rarebook Library at Brown University, had published extensively in Spanish Colonial history and brought to us a level of expertise that we had not had for many years. As a result of his knowledge and experience, there has been a decided increase in the quality of acquisitions, an improvement in the care and protection of valuable collections, as well as a quantitative increase in numbers of people served.

A major project of the Special Collections Department this year was the beginning of an analysis and evaluation of the collection. The results of this project will form a basis for a better identification of the department's mission and philosophy. This will enable Special Collections to prepare collection development policies. While this will be a long term project, a very useful part of the accomplishments this year was the identification and transfer to Special Collections of many valuable books which had been located in the general book stacks of Zimmerman and Parish libraries.

During this year the responsibility for the Meem Collection of Historic Architectural Documents was transferred to Readers' Services, and this collection became part of the Special Collections Department.

The increased use and expanded Program of Special Collections has placed a heavy burden on the staff who have worked with great dedication to meet the expectations of their clients.
Fine Arts Library

Better bibliographic access was provided to two important collections in the Fine Arts Library. All sound recordings now have some type of bibliographic control. This means that individual records in many of the large sets can now be identified and retrieved. Another major indexing project was completed covering the materials collected for The Archive of Southwestern Music. This unique collection of tapes is gaining a national reputation and is drawing scholars here to use it. Major additions to the collection are being acquired as a result of a special project on the Navajo Reservation. The Head of the Fine Arts Library has received a grant from the Research Allocations Committee and is taping meetings and oral history interviews.

Basic Skills Center

The University, in order to combat the problem of undergraduates who find themselves unable to compete in a college environment, has instituted a program that provides these students with the necessary background to succeed. This program is entitled the Basic Skills Program.

In order to involve the General Library in providing better library service to the students in the new Basic Skills Program, a Skills Center was planned. This Center will provide tutoring in lower level mathematics, developmental reading, counseling, and instruction courses in study skills. Space on the third floor of Zimmerman was remodeled to include a classroom-tutorial study room. Two offices, two small group tutorial rooms and two closed carrels were assigned to this Center. It is planned to staff the Center with teaching assistants, work-study students, students doing particular courses in remedial education with administrative time provided by library faculty. The policy for the Skills Center is to be set by an advisory group made up of representatives from Arts and Sciences, Counseling, the College Enrichment Program, College of Education and the General Library.

Government Publications Department

A proposal for a Government Publications Department was submitted and approved and an unfilled position was converted to become the department head. A search was begun to fill the position. Research on the practices in other ARL libraries indicated that there are good reasons for organizing documents collections as a department. With declining purchasing power for library materials, it is necessary to make maximum use of this wealth of material which the Library receives
free from the government by virtue of its designation as a Federal Depository Library. As a department, the documents collection will gain more visibility and a department head will be able to argue its priorities in administrative meetings. The federal government is increasing the number of items coming on deposit because of the savings it gained by its decision to publish, where feasible, in a microform format. The details of the name of the new department, its organization chart and its functions will be worked out after a department head is hired in the next fiscal year.

Interlibrary Cooperation

The program begun last year to expand access by the general public to the General Library was continued with several new agreements. It was decided to adopt a three-way agreement among the Albuquerque Public Library, the University of Albuquerque and the UNM General Library. This provides for circulation privileges in either academic library by the faculty and students of the other, by referrals through the Public Library. While the procedure discourages casual use when students should be using their primary campus library, it permits students with special research needs to use the resources of the other institutions. Results of the agreement have been satisfactory.

As a part of the University's attempt to establish good relations with TVI in support of their cooperative degree programs, an agreement was reached with the TVI Media Center to share resources. This contract allows library personnel from either institution to refer students and faculty to the other school.

Substantial progress was made on a joint project with the Albuquerque Museum and the Albuquerque Public Library for preserving and providing access to historical photographs in the three institutions. Funding for this project came from a Greater UNM Fund Grant. The preservation part of the program was completed this year. This produced negatives for every photograph and will permit purchasing a print of any of these photographs. Each institution received a contact print so that the originals will not be damaged by users browsing through the original collection. A computerized index is now underway and will be completed next year.

The Eastern Valencia County Satellite Center at Belen began offering courses in Fall Semester 1978. Since no library or book budget was provided, a collection of gift books and some shelving was donated by the General Library. The collection was roughly classified by subject areas to permit subject browsing. The secretary for the facility was trained in simple circulation procedures.
The division of Library Collections was created on January 3, 1979, as a result of the total reorganization of the Collection Development Division. Under the former system, the functions of developing the collection were carried out by 5 full-time bibliographers, four of whom were subject specialists, and 9 part-time selectors.

The reorganization resulted in a decentralization of the selection functions, with the replacement of the 5 full-time bibliographers by 24 part-time selectors and 4 selection coordinators.

The 24 selectors are subject and language specialists, either by virtue of academic background, or professional experience. Faculty from all areas of the library, including the Dean and the Assistant Deans, were given assignments which corresponded with their expertise and/or their professional background. The intent of sharing the selection responsibilities was two-fold: 1) to better utilize the range of subject expertise that exists within the Library faculty, and 2) the recognition that a single individual cannot be expected to be equally adept at any one of a dozen subjects.

The selection activities fall within one of four categories: Education/Psychology, Humanities, Science, and Social Science. The four selection coordinators are responsible for the selection activities within their assigned areas.

Training of the new corps of selectors and coordinators went very smoothly, considering the abruptness of the change and the demands that were placed on totally inexperienced people.

The first six months of activity in the newly-formed division of Library Collections can be characterized as the transition and learning stage of the new organization. Training has taken the selectors into the nitty-gritty of technical procedures, especially involving the Serials Reconciliation project.

Serials Reconciliation

The reconciliation of serials began on February 19, 1979. This long-awaited project has involved the selectors in a title-by-title scrutiny of the serial holdings of the General Library. A large portion of the workload of the selectors has revolved around this project and it is expected that the review of active titles, which is the first stage, may take as long as 18-24 months. In the process of reviewing serials for this purpose, selectors are expected to reaffirm the adequacy of each title for our collection.
There are certain titles that form the fundamental literature in any subject. One goal of the reconciliation process, as it relates to shaping the collection, involves the identification of these core titles. The identification and acquisition of these titles provides the University's academic community with the informational infrastructure that is critical to their functioning. Too often, a title is automatically renewed every time an invoice comes in. This is obviously not the most appropriate decision. For example, a title may have been selected because it was the only one in its field. It is possible that more journals are being published on that subject now and that the original title is less relevant to the academic needs of today. Another example of materials no longer relevant occurs when the programmatic and research needs in a subject change due to faculty turnover or a shift of emphasis in a department. If it is to remain useful and relevant, a library collection, supported by limited funds, must review its standing commitments. To date, about one-fourth of the titles have undergone the review process.

Collection Development Policy

Work is beginning on the next stage of development in which selectors will expand the ties between the library and the academic departments. This will involve creating collection policies which more accurately reflect the needs of the academic community, and also put into effect the concept of total service, as intended in the reorganization.

A reworking of existing collection development policy statements so that they reflect the current priorities of the University and the Library is appropriate at this time. We will base these statements on a collection analysis which will help us to avoid writing a policy that is either so broad that it admits any possibility, or so specific that it leaves no room for change or growth.

Gifts and Grants

Significant gifts were added to the holdings of the General Library during the year; notably, 47 tapes were added to the Archive of Southwestern Music and three important monographs of New Mexican were donated to Special Collections from the proceeds of the first Friends of the University of New Mexico Libraries' booksale. The Parish Memorial Library was named Center for Public Policy Research by the American Enterprise Institute. This means that the General Library receives on deposit one copy of each AEI publication, most likely to be housed in Parish.
Another significant accomplishment in this area was the completion of the application for a grant from the Japan World Exposition Commemorative Fund (JEC fund). The sum of U.S. $10,000 was granted for the purchase of Library materials about Japan. Selection and acquisition of these materials will take place during the 1979-80 fiscal year.

Gifts, grants and other extraordinary funds will occupy a more important place in the Library's acquisition plans as the bond funds which have been used to boost the annual appropriation for materials are exhausted.

TECHNICAL SERVICES DIVISION

The 1978-79 year was one of transition from the heavy purchasing of the bond issue years to the "normal" pre-bond era levels of acquisition. This transition was facilitated by the carryover of about $300,000 of bond funds from the 1977-78 to 1978-79 year. Despite the carryover of funds, fewer books were ordered than in any year since 1972-73, the last year before the influx of bond funds. The number of titles cataloged was also considerably reduced, but was still higher than it was in most of the bond years. It is likely that the levels of ordering and cataloging attained this year will be similar in future years unless there is a significant increase in the University's allocation to the Library.

The table below compares the year just completed with the last five years, the years of the bond issue appropriations:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Titles Ordered</th>
<th>Titles Received</th>
<th>Titles Cataloged</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973-74</td>
<td>37,923</td>
<td>34,522</td>
<td>27,414</td>
</tr>
<tr>
<td>1974-75</td>
<td>45,130</td>
<td>41,920</td>
<td>29,758</td>
</tr>
<tr>
<td>1975-76</td>
<td>48,371</td>
<td>49,401</td>
<td>36,854</td>
</tr>
<tr>
<td>1976-77</td>
<td>44,367</td>
<td>43,646</td>
<td>58,359</td>
</tr>
<tr>
<td>1977-78</td>
<td>30,030</td>
<td>28,523</td>
<td>52,013</td>
</tr>
<tr>
<td>1978-79</td>
<td>24,820</td>
<td>24,755</td>
<td>36,471</td>
</tr>
</tbody>
</table>

Much of the year was spent in developing improved coordination of all of the Technical Services operations, both within the departments and among them. In past years so much emphasis had been placed upon eliminating the infamous backlog of books awaiting processing that there was little time to devote to improvements in internal operations. This year, spurred by the appointments of two new department heads, there was an opportunity to address the problems in communications and coordination. The department heads quickly learned the present
procedures and set about improving them in a variety of ways, contributing beneficial solutions to the General Library's problems. At the end of the year, all three departments were running more smoothly than ever, despite the changes in staff, organization, and types of duties being performed.

Acquisitions Department

The Acquisitions Department concentrated on improving procedures, forms, and the physical arrangement of the department. The administrative and physical reorganization helped greatly in improving the workflow in all sections. A number of changes were made in the Baker and Taylor Automated Buying Service (BATAB) in the hope of improving its efficiency. In addition to the changes that were made, a great deal of time was spent attempting to convert from BATAB version 3 to version 4. After a great deal of work by the Information Systems Department staff, as well as the Library's, the decision was finally made that the possible benefits would not be worth the effort of completing the conversion. The temporary decision to live with version 3 does not solve the BATAB problem; alternatives must be developed to replace this antiquated system.

In addition, the Acquisitions Department assumed the responsibility for the management of the Library's mail room and loading dock in order to provide more efficient monitoring of these services.

Gifts and Receiving Section

The Gifts and Receiving Section handled over 30,000 gift items received by the General Library during the year. Many of the section staff members also contributed large amounts of their personal time to assist the Friends of the Library with the book sale, which was held in January. The sale consisted of unneeded gift items and discarded library materials; it netted the Friends a profit of over $5,000.

Bibliographic Control Department

As the backlog of materials to be cataloged was essentially eliminated, the Bibliographic Control Department was able to begin a number of projects that had been postponed for several years. In an attempt to gain improved control of series and to increase the consistency of series entries in Library records, the Series Authority File Project was started early in the year. The cooperation between the Bibliographic Control Department staff and the Serials Department staff has been excellent; improvements in records have already been evident to library users. Reclassification of certain collections from Dewey Decimal to Library of Congress classifications was begun.
During the year the Fine Arts Library was completely reclassified, as was most of the Tireman Learning Materials Center collection. The small collection of Dewey materials in the Parish Library was also completed, thus eliminating Dewey materials from the branches.

Catalog Records Team

The Catalog Records Team began an inventory project, checking on over 100,000 volumes in high use classification numbers. We were pleasantly surprised to find that only two percent of the volumes were still missing after at least two checks of the shelves. This figure was confirmed by the book count of the entire library, performed in January, which indicated an overall loss rate of about 1.5%.

Serials Department

The Serials Department began the year by planning a major departmental reorganization, as had been suggested by the consultants who had been retained to study the Department during the previous fiscal year. The changes were implemented gradually between November, 1978, and January, 1979, when the OCLC terminal was installed in the Department and the Serials Cataloging Team was able to move from the Bibliographic Control Department to the Serials Department. In exchange, the Binding Section was moved from the Serials Department to the Preparation Section of the Bibliographic Control Department, where its functions integrate very well with the physical processing operations of that section. Additional physical remodeling of the Serials Department was finally completed in March, allowing the implementation of the present efficient pattern of work and traffic flow.

Serials Exchange

Exchanges for serials published by other institutions were increased when three University of New Mexico publications series were acquired for use in the exchange program; the new titles were New America, Environmental Ethics, and the Division of Government Research Review Series.

Serials Reconciliation Project

The Serials Staff is deeply involved in the planning and implementation of the Serials Reconciliation Project. The project will result in an accurate record of all the titles owned by the Library and a total review of the selection of serials titles. In the process of these reviews many errors have been found and corrected, inappropriate titles cancelled, new titles added, gaps in holdings filled, and types of binding or microform changed. The entire process is complex, difficult, and time consuming, but has been profitable and educational to all involved.
The future, as pictured by the Serials Department, is an optimistic one. The completion of the Serials Reconciliation Project will provide the Serials Department a benchmark against which progress can be measured. Departmental reorganization will enable the Department to 1) respond to and correct the problems it has inherited from the past and 2) face the challenges of new arenas as presented by the changing environment of library serials and the new technologies accompanying it.

CONCLUSION

The General Library exists and operates within the environmental constraints of the University of New Mexico, which in turn operates within the constraints of the State of New Mexico. New Mexico has been compared, frequently, to a developing country. Its economic dependence on the extractive industries entitle it to such comparison. However, New Mexico has other major assets which can be of a more lasting benefit to the state than its depleting "natural resources". New Mexico is unique in its rich and varied cultural heritage. It is also rich in having among its residents a disproportionately high number of scientists, technicians, and artists. The role of The University of New Mexico is to harness this melange of "people resources" to stimulate the minds of students, to contribute to innovative research, and to enhance the life of the community. The General Library contributes significantly to the playing of that role. The General Library expects that its internal improvements will enable it to contribute even more to the University's capability as a major force in the state's evolution.

Paul Vassallo
Dean of Library Services
## SIZE AND GROWTH OF THE COLLECTIONS

### Fiscal Year 1977-1978

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Cataloged Volumes, 6-30-77</td>
<td>847,070</td>
</tr>
<tr>
<td>Volumes Added (Net)</td>
<td>69,527</td>
</tr>
<tr>
<td>Number of Cataloged Volumes, 6-30-78</td>
<td>916,597</td>
</tr>
<tr>
<td>Serial Titles in the Central Serials Record, 6-30-78</td>
<td>25,056</td>
</tr>
</tbody>
</table>

### Fiscal Year 1978-1979

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Cataloged Volumes, 6-30-78</td>
<td>916,597</td>
</tr>
<tr>
<td>Volumes Added (Net)</td>
<td>46,207</td>
</tr>
<tr>
<td>Number of Cataloged Volumes, 6-30-79</td>
<td>962,804</td>
</tr>
<tr>
<td>Serial Titles in the Central Serials Record, 6-30-79</td>
<td>25,623</td>
</tr>
</tbody>
</table>
## Other Materials in the General Library

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Government Publications</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper Documents</td>
<td>198,380</td>
<td>17,830</td>
<td>216,210</td>
</tr>
<tr>
<td>Microform Documents</td>
<td>359,900</td>
<td>71,630</td>
<td>431,530</td>
</tr>
<tr>
<td>Other Microforms</td>
<td>812,650</td>
<td>56,860</td>
<td>869,510</td>
</tr>
<tr>
<td>Audio Recordings</td>
<td>18,050</td>
<td>1,270</td>
<td>19,320</td>
</tr>
<tr>
<td><strong>Projected or Magnified</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials (films, slides,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>transparencies)</td>
<td>8,520</td>
<td>350</td>
<td>8,870</td>
</tr>
<tr>
<td><strong>Pictorial Representations</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(charts, drawings, maps,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>photographs, prints)</td>
<td>67,480</td>
<td>6,070</td>
<td>73,550</td>
</tr>
</tbody>
</table>
### READERS' SERVICES STATISTICS

<table>
<thead>
<tr>
<th></th>
<th>1977-78</th>
<th>1978-79</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library Use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zimmerman</td>
<td>288,170*</td>
<td>1,258,559**</td>
</tr>
<tr>
<td>Parish</td>
<td>146,296</td>
<td>159,518</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>133,016</td>
<td>128,975</td>
</tr>
<tr>
<td>Tireman</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Outside Circulation**</td>
<td>390,393</td>
<td>441,207</td>
</tr>
<tr>
<td>Total Circulation</td>
<td>350,853</td>
<td>345,107</td>
</tr>
<tr>
<td>Zimmerman</td>
<td>234,845</td>
<td>253,261</td>
</tr>
<tr>
<td>Parish</td>
<td>13,519</td>
<td>14,501</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>94,068</td>
<td>51,888</td>
</tr>
<tr>
<td>Tireman</td>
<td>8,428</td>
<td>25,457</td>
</tr>
<tr>
<td>Reserve Circulation</td>
<td>96,966</td>
<td>114,722</td>
</tr>
<tr>
<td>Zimmerman</td>
<td>74,617</td>
<td>90,372</td>
</tr>
<tr>
<td>Parish</td>
<td>10,083</td>
<td>8,447</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>12,266</td>
<td>15,817</td>
</tr>
<tr>
<td>Tireman</td>
<td>--</td>
<td>86</td>
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<tr>
<td>Interlibrary Loan</td>
<td>10,486</td>
<td>7,682</td>
</tr>
<tr>
<td>Borrowed</td>
<td>4,714</td>
<td>3,427</td>
</tr>
<tr>
<td>Loaned</td>
<td>5,772</td>
<td>4,255</td>
</tr>
</tbody>
</table>

* Fine Arts and Parish only
** Does not include Tireman or Zimmerman during July and August
*** Includes interlibrary loans and reserve but does not include the Listening Center or Evaluation Center
LIBRARY EXPENDITURES
for 1978-1979

The General Library

<table>
<thead>
<tr>
<th>University Funds:</th>
<th>1978-79</th>
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<tbody>
<tr>
<td>Salaries</td>
<td>$1,741,635</td>
</tr>
<tr>
<td>Supplies and Expenses</td>
<td>81,576</td>
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<tr>
<td>Furniture and Equipment</td>
<td>20,610</td>
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<td>Travel</td>
<td>9,367</td>
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<tr>
<td>Data Processing</td>
<td>69,552</td>
</tr>
<tr>
<td>Books and Serials</td>
<td>766,825</td>
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<tr>
<td>Binding</td>
<td>60,000</td>
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<tr>
<td>Fringe Benefits</td>
<td>NA</td>
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Non-University Funds

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond Issue</td>
<td>371,264</td>
</tr>
<tr>
<td>Basic (HEW Grant)</td>
<td>3,906</td>
</tr>
<tr>
<td>Gifts</td>
<td>0</td>
</tr>
</tbody>
</table>

Totals                  $3,124,735
This publication is supported by funds from the Friends of the University of New Mexico Libraries.

It is the policy of the University of New Mexico to provide equal opportunity in all personnel actions including employment, compensation, benefits, transfers, layoffs, returns, institutionally-sponsored education, training, tuition assistance, social and recreational program and advancement, without regard to race, color, religion, sex, age, physical handicap or national origin.
I. General Departmental Information

Administrative Services fulfills a support function for all areas of the General Library: Zimmerman, Fine Arts, Parish, and Tireman. Included in this function are systems and development, fiscal services, personnel, buildings, and the office of the dean.

The fiscal services staff prepares and controls a 3.38 million dollar budget, all grants, gifts, and special accounts. They also pay all invoices and purchase orders, issue and control all requisitions, prepare payroll time reports for an average of 287 staff and students in the amount of 1.74 million dollars and maintain and control annual and sick leave records for the non-exempt staff.

There is an average of 287 staff and students as well as 40 faculty members for whom personnel services are performed. The procedures and resulting paperwork necessary for hiring, promoting, transferring, terminating and evaluating all students and staff are initiated. The procedures of search committees appointed to recruit and hire faculty are monitored and all paperwork is carried out.

During the year, there were four search committees appointed to recruit and screen for four permanent faculty positions. About 260 applications were received for these positions and eight people were interviewed. The resulting new faculty members are: Connie Capers Thorson, Humanities Bibliographer who became acting Head of Acquisitions; Stephen Rollins, Head of Circulation;
Patricia Jennings, Assistant Serials/Acquisitions Librarian; and Diane Wish, Serials Cataloger.

Yet another search committee was established to recruit for an intern position which was to be a year long visiting instructorship. The deans of fifty eight American Library Association accredited library schools were asked to nominate superior students with the scholarly potential for academic librarianship and with a Latin American specialty. Twenty two nominations were received from fifteen deans of library schools geographically scattered throughout the country. Telephone interviews were conducted with references and with top candidates. Mr. Russ Davidson was selected.

Annual, professional, and sick leave records for exempt staff and faculty are maintained and controlled; affirmative action procedures are constantly monitored; annual, mid-way and tenure evaluations of faculty are coordinated. Individualized counseling of staff members and supervisors is carried out on an informal basis.

The building responsibility is substantial since Zimmerman and the three branches are monitored for safety problems, repair needs, remodelling, furniture moves, and supply needs.

The office of the dean is the central administrative office through which most business flows. All of the clerical work and the files for the dean, the Assistant to the Dean for Systems and the Assistant to the Dean for Management are done in this office.

A. Significant achievements during the academic year, 1978-79

Staff development became an added responsibility of the Assistant to the Dean for Management. Workshops were begun and included sessions on disci-
pline and grievance procedures, analyzing performance problems, telephone procedures, interviewing, time management, and supervisory skills. A 16-hour orientation program for new library faculty was created.

A number of departmental moves and rearrangements took place. The bibliographers' offices were converted to conference rooms; room 127G was converted to a meeting and class room; serials acquisitions moved from the first floor to the ground floor and the bindery moved from the ground floor to the first floor. A 3M security system was installed at the dock door to minimize loss of material.

The responsibility for the mailroom was shifted from Administrative Services to the Acquisitions Department.

Two meetings of the safety wardens were held in order to gain feedback about the safety manual. Revisions were begun.

Meetings and receptions held in the library included: the Friends of the UNM Libraries book sale in January; the Annual Legislators Day Dinner in January; the Annual Blood Drive in April; a reception for Frank Waters in April; and the annual reception for the Southwest Writers' workshop in June.

The General Library continued to recruit minorities for staff and faculty positions during fiscal year 1978-79. The Library worked with CETA, the National Indian Youth Council, the All Indian Pueblo Council and Career Services for the Handicapped. Individuals referred from each of these organizations were hired by the Library. The Library again responded enthusiastically to the Work Opportunity Research Program offered by the Albuquerque Public Schools by hiring about 10 high school students. Several individuals sent
by the Municipal Court did community work in lieu of sentences.

Fiscal Services became responsible for the accounting functions of the Friends of the UNM Libraries in late 1978, when they incorporated. In May, 1979, Fiscal Services returned the billing functions for Copy/Media Center to the Center, but retained all other accounting functions for the Center. A new accounts receivable was set up for Copy/Media Center in order to allow more control over bills not paid. Fiscal Services retained the accounting function for Interlibrary Loan and the On-line Data Base.

During fiscal year 1978-79, 3,909 invoices were processed on the Mark IV accounts payable system. This was a decrease of 99 invoices processed in fiscal year 1977-78. The 3,909 invoices processed represented $1,046,489, which was an increase of $150,592 over last fiscal year. The purchase orders and purchase order vouchers numbered 199 and totaled $206,000.

The Fiscal Control Committee that had been established to maintain control over expenditures through the BATAB system for materials was discontinued. Its role was taken on by the Selection Coordinators.

The Library expended 100% of its 1979 appropriated funds and will carry over about $171,000 in unexpended bond funds. The bond funds are available for paying for books into fiscal year 1979-80.

B. Significant plans and recommendations for the near future

The expected change to Phase IV of BATAB did not take place during fiscal year 1978-79. After much experimentation, it was determined to be non-functional and was dropped. The Library is committed to a different acquisitions system and will be exploring a variety of possibilities in fiscal year 1979-80.

The staff development function of the office will increase significantly during fiscal year 1979-80. Thirteen different workshops are currently planned with the expectation of confirming more in the near future.
C. Appointments to staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Duration</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raymie Aragon Chavez</td>
<td>Personnel Coordinator, permanent full-time</td>
<td>September 6, 1978</td>
</tr>
<tr>
<td>David Williams</td>
<td>Senior Accountant, permanent full-time</td>
<td>September 11, 1978</td>
</tr>
<tr>
<td>Anne Sutherland</td>
<td>CS II, permanent full-time</td>
<td>November 13, 1978</td>
</tr>
<tr>
<td>Irene Moreno</td>
<td>Administrative Assistant, permanent full-time</td>
<td>December 12, 1978</td>
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D. Separations from staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Duration</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Mary Anne Lopez</td>
<td>Personnel Coordinator, permanent full-time</td>
<td>August 24, 1978</td>
</tr>
<tr>
<td>Lee Dominguez</td>
<td>Accountant, permanent full-time</td>
<td>August 28, 1978</td>
</tr>
<tr>
<td>Luz Moreno</td>
<td>Administrative Assistant, permanent full-time</td>
<td>November 20, 1978</td>
</tr>
<tr>
<td>Karen Schor</td>
<td>CS II, CETA, transferred to Serials Department</td>
<td>December 8, 1978</td>
</tr>
</tbody>
</table>

II. Composite of individual biographical supplements

1. Advanced study

None

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.


3. New scholastic honors, fellowships, etc.

None

4. Publications


5. Other research projects or creative work in progress

None

6. Activities in learned and professional societies

Margo C. Trumpeter - Member, ASTD, Albuquerque Chapter.

     Member, New Mexico Library Association
6. Activities - continued


Member, American Library Association; committee memberships include SCOLE Training of Library Supportive Staff Subcommittee, Personnel Librarians of Large Academic Libraries, Staff Development Officers of Large Academic Libraries; attended conference in July, 1978.

7. Other professional activities

None

8. Non-teaching University service

Margo C. Trumpeter - Member, University Personnel Policies Advisory Committee.

Member, Council on Staff Affairs, General Library.

Member, Search Committee for Head of Circulation, General Library.

9. Public service

None
<table>
<thead>
<tr>
<th>Item</th>
<th>FY 1977-78</th>
<th>FY 1978-79</th>
<th>Change</th>
</tr>
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<td><strong>Salaries:</strong></td>
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<td></td>
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<td><strong>Books and Serials</strong></td>
<td>605,000</td>
<td>740,000</td>
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<tr>
<td><strong>Travel</strong></td>
<td>4,525</td>
<td>5,502</td>
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<td><strong>Data Processing</strong></td>
<td>55,000</td>
<td>60,000</td>
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<td>Bond Books (596-001-101)</td>
<td>755,482</td>
<td>525,819</td>
<td>- 229,663</td>
</tr>
<tr>
<td>Bond Books (596-120-123)</td>
<td>89,465</td>
<td>22,100</td>
<td>- 67,365</td>
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<td>Books and Serials (Overhead)</td>
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<td>Consultants</td>
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<td>- 2,000</td>
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<td>On-line Data Base</td>
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<td>12,190</td>
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<td><strong>Totals</strong></td>
<td>$3,339,635</td>
<td>$3,369,759</td>
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I. General Information

A. Significant Achievements During the Academic Year 1978-79

This is the first annual report prepared by the Assistant to the Dean for Systems and Development. It became necessary because of the variety of tasks performed during the year, which in turn, were made possible by the absence of any predominant, year-long project and by the retention of a Staff Assistant to the Assistant to the Dean for Systems and Development who was able to expand system activities. (In 1975/76, the bond issue processing backlog occupied the Assistant to the Dean for Systems and Development's time. In 1976/77 and 1977/78, the state-wide resource sharing system required most of his attention.)

Statistics System

In the spring of 1978 the ADS recommended the development and implementation of a comprehensive statistics gathering and reporting system for the General Library, and the Executive Council asked the ADS to concentrate on that project.
The ADS met with key persons in each department to find out what statistics were presently kept, what additional ones were needed, and how departmental needs might be met by the new system. Research was done to learn what data are required for external reports such as HEGIS, the State Library, and the like.

Toward the end of fiscal year 1977/78, a preliminary draft was issued for reaction. It contained the plan for an extremely comprehensive system and involved an item reporting slip which was to be routed through Technical Services with each title and then sent for keying or mark sense reading into a computerized data base. Administrative Council met to discuss the draft document, and the ADS was told to proceed with the plan.

When the ADS returned from vacation, much momentum had been lost. In meeting with various groups to work out details of implementation it became apparent that there were serious defects in the basic tenets of the project. Despite revisions to the draft plan, its flowchart, the Item Report and the Action Review slip, the following facts became inescapable.

1. Many data would be bypassed with the Item Report, requiring additional collection instruments.

2. Data available under the new system would be more extensive than actually needed for management or external reporting.
3. There was disagreement in the area of collection reporting, both as to what constituted a collection and to the gathering methodology.

4. The Item Report contained 60 data elements arranged into 9 categories. The complexity of the form all but guaranteed perpetual confusion for new Technical Services personnel and a burden for those training them.

5. The January 1979 physical volume count showed that important data could be rapidly collected when needed.

6. The Item Report would not replace other forms as had been anticipated.

After considerable deliberation the ADS decided that the system, while excellent in theory, would not be practical or cost beneficial in everyday use, and the project was dropped.

Certainly, the need still exists for improvement in some of the statistical forms being used. More consistency in reporting among departments would help. Some data are not being used, and other data should be added to the forms. But, generally, the existing system is adequate for its purpose.

The major lesson learned from the unusually unsuccessful project was that the effort needed to implement and maintain a new statistics system must be more carefully weighed against true
need for the data as well as the ease of only collecting the data when needed.

The Collection Count

The most successful operation of the year was the count made of the physical volumes in all buildings of the General Library. Although it took months of tallying and reconciliation after the count to arrive at the final report, there were many benefits, among them the following:

1. Confirmation of the collection's size. This had not been done for decades.
2. Creation of a benchmark for growth.
3. Creation of a comprehensive assessment document by subject classification which supports prior and subsequent shelflist measurements.
4. Affirmation of the counting technique as a faster means of obtaining collection size than an inventory.
5. Temporary creation of esprit de corps and of broader awareness on every participant's part of the scope of the library's collections.
6. Provision of data needed for comparative analysis of circulation volume in each library and in each subject classification.
7. Identification of many incorrect spine labels.
8. Display of a new management technique, with appropriate campus-wide publicity.

An executive summary of the 49-page final report of the project is contained in Appendix One.

**Inventory Control System**

Work continued on the inventory control system. The following chronology highlights that activity.

**Summer** -- Patron record specifications were developed in coordination with the Information Systems Department, and plans were made jointly for a machine-readable ID card for the University.

**Fall** ---- Albuquerque-area librarians and UNM data processing management met to form a city-wide network for a system.

---- A subcommittee of that group studied the feasibility of a system and developed a general plan for its implementation.

---- Initial specifications for a machine-readable bibliographic record were developed, based on a DRT display.

**Winter** -- A collection of documents on various systems was organized and now contains over 100 pieces. (See Appendix Two.)
Vendors came to UNM and gave demonstrations of their systems in order to acquaint the subcommittee and other UNM personnel with circulation automation, and to form a basis for the assessment of systems. By the end of the year, four presentations had been made and a fifth had been scheduled.

The subcommittee toured the Sandia Laboratories Library.

The subcommittee reported back to the head librarians, new participants were identified, and the decision was made to proceed with the system.

Investigation was made into the systems at Washington State University, the University of Pennsylvania, Ohio State University, University of Illinois, and the University of Texas at Austin.

Spring -- The subcommittee drew up several cost models to show the distribution of costs under the system, and the Staff Assistant to the ADS wrote a computer program to manipulate data to produce new models.

The Future of Bibliographic Records Committee was brought up to date on the status of the system so that it could be taken into consideration in the overall plan for bibliographic records.
Serials

The ADS assisted the Serials Department in having the Information Systems programmer remove the forms flash from one of the serials lists and in having location codes changed.

A list of science serials was produced for the Science Bibliographer.

The ADS made a comprehensive recommendation concerning changes in the serials data base (Appendix Three) and worked with Serials Department personnel and Information Systems to implement some of the changes. One notable feature is the inclusion of fields for OCLC numbers and ISSNs. These keys will permit modification/expansion of the entry in the future from other data bases. A change in the internal control number will also be made in order to improve its accuracy.

An unsuccessful proposal was made to Library Collections personnel which would have reserved fields in the new data-base for their own notes. These fields, coded by the selectors, would have contained comments on a serial's utility for specific courses being taught, or its price, or places indexed, etc.

Another meeting was held with Frank Clasquin to discuss a potential UNM interface with their computerized system. The main problem here is the utility of their information for our needs and the amount of effort needed to provide the links
between our titles and theirs. Given our limited staffing and the need to clean up our files, it is unlikely that we will cooperate with Faxon in the near future. It is becoming axiomatic that jobbers and subscription agents provide customers only with enough of an acquisitions system to facilitate ordering from them. It would be counterproductive for them to release a general purpose system, and it will be up to libraries to expand any system to general use, if it can be done at all.

**Information Systems Liaison**

In addition to working with Information Systems personnel on ID cards and the inventory control system, time was spent in routine meetings concerning BATA3 problems. The decision to abandon the new version provided welcome relief from the long-standing headache. Changes were made in the vendor directory, and the zero balance edit check installed by Paula Mortensen gave the Library better control over book funds.

The ERIC/GANDALF system continued to plague both the Library and Information Systems, which is trying to support it. Late in the fiscal year, it was learned that the tape subscription had stopped coming, and efforts are being made to get it restarted.
Staff Assistant Activities

The SA was responsible for a variety of accomplishments, of which these are the more significant.

1. The SA implemented the forms control plan developed by the ADS. This involved working with most departments to collect currently-used forms, number each, and organize them in a master file for placement in the Copy/Media Center.

2. Support was given to the Director of Library Communications almost weekly in his response to questionnaires.

3. Work continued with PC/70, the project control software used by Information Systems to schedule personnel resources. (The Assistant to the Dean for Management had begun trying to use the package in the spring of 1978.) The test was abandoned in October due to problems inherent in a new release of the product.

4. The wall organization chart was reconstituted, and the small chart was updated and reproduced quarterly.

5. A sizeable amount of calligraphy and editing was performed, both for the Dean and for the Official Bulletin.

6. The SA performed the following activities related to automation:

   A. Training about 30 library employees in the use of the campus computing system, which resulted in use of the computer to store, manipulate, and print employee sick leave, annual leave, anniversary data, and safety, faculty, and department head manuals.
B. Supervision of input, editing and output relating to the campus mailing list system for Friends, job applicants, and artists and writers.

C. Supervision of the creation and revision of KWIC indexes for the policy manual, Administrative Council, and Technical Services Department Heads meeting minutes, and stored administrative files.

D. Assistance in the evaluation of (1) alternative interactive software for the University's new computer, and (2) a collection of technical literature at the Computing Center.

E. Assistance to several departments in obtaining lists of University employees and students.

F. Trouble-shooting and/or repair of computer terminals and printers.

ADS Activities

Miscellaneous projects undertaken by the ADS include the following.

1. The ADS prepared a composite document of opinions and suggestions for the future of the collection development function in the General Library.

2. The ADS was appointed library materials selector for materials in the area of computing.

3. Work with the Basic Skills Program began in late spring.

4. Initial investigation was done on a computerized index for the Archive of Southwestern Music.
5. An unsuccessful attempt was made to purchase the Medical Center Library's Tydata word processing machine for a fraction ($1,000) of its original cost ($8,000).

The Coming Year

1979/80 will see retrenchment or wrap-up for several projects.

1. A final, unified KWIC index to all documents and files so-treated will be produced. Because these indexes have not generated the expected use, their update and reproduction will be discontinued. (The data will be retained in machine-readable form.)

2. Responsibility for revision of the large and small organization charts will be transferred for cost-benefit reasons.

3. The ADS will resume responsibility for trouble-shooting and making minor repairs to terminals. Basic service charges for this work range from $23.00 per hour to $250.00 per visit, and the ADS works for about $9.00 per hour.

4. Much time will be spent in Skills Center activities in the fall. Less time will be required to keep it going in the spring of 1980 if the Serials librarian continues to help.

5. Work will continue on the inventory control system. With the coming of the new Head of the Circulation Department, it is hoped that person will work on the details of circulation operations, allowing the ADS to concentrate more on general development and external coordination.
6. Reorganization of the FBR Committee may have implications for the ADS's time. The development of any new bibliographic display medium or format will require much systems work.

7. Efforts will continue to obtain word processing equipment.

8. We have not seen the last of problems with ERIC/GANDALF. The ADS would like to see an interactive, on-line replacement for the home-grown package, but changes will have to wait until Jim Cooper's replacement becomes familiar with ERIC/GANDALF's drawbacks.

Personnel

Staff Assistant

The ADS had been assisted the previous year by Donald Weeke, a temporary LTA II. On July 1, 1978, the position was reclassified to that of Staff Assistant, and Don was made a permanent employee.

A certain percentage of systems work involves details best handled by a paraprofessional. Don had worked in the Library for several years and his experience, common sense, mechanical ability, and independent resourcefulness made many projects and activities feasible.

It is very regrettable that insufficient funding precluded continuation of the position for fiscal year 1979/80. Some activities will be dropped, and others will be performed less cost-effectively because of that loss.
Student Assistants
The following students were hired to reconcile and complete
the tallying for the collection count: Eddie Chavez, Tim DeHart,
Norm Nelson, and Rani Teague.

Temporary LTA II
Beverly Moreno, a temporary half time LTA II in the Reference
Department, was employed for 48 hours to index the new Faculty
Handbook under the supervision of the SA.

Assistant to the Dean for Systems and Development
The ADS was retained by New Mexico Highlands University as a
consultant, March 5-7, 1979. Late in June he was awarded tenure.
A. Significant achievements during the year

The division of Library Collections was created on January 3, 1979, as a result of the total reorganization of Collection Development (see Appendix). Under the former system, the functions of developing the collection were carried out by 5 full-time bibliographers, all but one subject specialists, and 9 part-time selectors. The full-time bibliographers reported directly to the Assistant Dean for Collection Development, the part-time selectors had a primary assignment in another department, for instance, a branch library.

The reorganization resulted in a decentralization of the selection functions, so that the five full-time bibliographers were reassigned to other departments in the Library. In the present structure no one devotes full time to selection activities; all selectors have a primary assignment in another area of Library operations.

The 24 selectors are subject and language specialists, either by virtue of academic background, or from professional experience. The intent of spreading around the selection responsibilities was two-fold: first, in the interest of better utilizing the range of subject expertise that exists within the Library faculty; second, in recognition that a single individual cannot be expected to be equally adept at any one of a dozen subjects, as was expected of the full-time bibliographers.

The selection activities fall within one of four categories: Education/Psychology, Humanities, Science, and Social Science. Four coordinators are responsible for the selection activities within their assigned area.
The four coordinators work with each other, with the Technical Services Department Heads, and with me in order to bring about a cohesive approach to the development of the General Library's collections.

The initial selection assignments were made with the goal of maximum utilization of existing talents. Faculty from all areas of the library, including the Dean and the Assistant Deans, were given assignments which corresponded with their expertise and/or their professional background. As the semester progressed, it became evident that some areas were not evenly distributed; some were too finely divided, while others were still too broad for one selector to cover. As a result, these areas were identified and reassigned, where possible. Other reassignments occurred as fine tuning progressed because the individuals originally named selectors were not performing adequately. It became clear that a subject specialty did not necessarily make a person a good selector. Continuing efforts to refine the system are expected to take place as changes such as vacancies and sabbatical leaves occur among the Library faculty.

Training of the new corps of selectors and coordinators went very smoothly, considering the abruptness of the change and the demands that were placed on totally inexperienced people. Initially, workshop sessions were held to acquaint selectors with their new duties. Since the entire group is so large, and since holding a meeting of all selectors would virtually deplete the Reference Department in particular, the meetings were held twice so that half the selectors would attend at one time.

Workshops covered the following subjects:

1. Introduction
   A. How we acquire monographs
   B. How we acquire serials: standing orders, subscriptions, memberships
2. BATAB Reports
3. Acquisitions Department ordering procedures
4. Review areas for selectors to check on a regular basis
5. Forms and procedures, mail to expect
6. Serials ordering
7. Reconciliation
8. Form B's
9. Faculty liaison
10. Approval plan profiles

Due to the various stages of sophistication among the ranks of selectors, it was felt most efficacious to assume that they knew nothing. The training sessions began at the basic level and involved everyone - those who were already familiar with procedures helped to teach the others, and a spirit of team effort and cooperation soon formed. New procedures had to be developed in order to control the flow of orders, approvals, query slips, etc., to and from the selectors. The Goldenrod OX (Order eXpediter) was developed as a covering memo to accompany catalogs, bibliographies, publishers' blurbs, etc. Using this form, a selector can indicate the action desired from Acquisitions, then the material can be returned for selection, routed to the coordinators for approval, have order forms typed, etc., as appropriate.

The flow of material goes through the coordinator in all cases. This involves the coordinator in the day-to-day activities of the selectors in that area, in addition to the regular consultation that also takes place. The function of the coordinator is not to challenge or overrule the selector, but to remain aware of the activity in each subject in order to oversee the balanced shaping of the collection.
The first six months of activity in the newly-formed division of Library Collections can be characterized as the transition and learning stage of the new organization. Training has taken the selectors into the nitty-gritty of technical procedures, especially involving the Serials Reconciliation project. It is expected that in the next stage of development, selectors will expand the ties between the library and the academic departments. This will not only create collection policies which more accurately reflect the needs of the academic community, but also put into effect the concept of total service, as intended in the reorganization.

Significant gifts were added to the holdings of the General Library during the year; notably, 47 tapes were added to the Archive of Southwestern Music and three important monographs of New Mexicana were donated to Special Collections from the proceeds of the first Friends of the University of New Mexico Libraries booksale (see Appendix II). The Parish Memorial Library was named Center for Public Policy Research by the American Enterprise Institute. This means that the General Library receives on deposit one copy of each AEI publication, most likely to be housed in Parish.

Another significant accomplishment in this area was the completion of the application for a grant from the Japan World Exposition Commemorative Fund (JEC fund). The sum of U.S. $10,000 was granted for the purchase of Library materials about Japan. Selection and acquisition of these materials will take place during the 1979-80 Fiscal Year.

A constantly recurring theme throughout the year has been the concern over the book funds. This problem has had two components: one, the exhaustion of bond funds which have helped boost the annual appropriation in order to cover needed expenditures, and two, the inadequacy of the BATAB system's fund accounting capacity. The system is cumbersome, creating
enormous problems in the attempt to solve small ones, and, in addition, it is not flexible enough to truly fill our technical needs.

The reconciliation of serials began on February 19, 1979. This long-awaited project has involved the selectors in a title-by-title scrutiny of the serial holdings of the General Library. A great deal of workload of the selectors has revolved around this project and it is expected that the review of active titles, which is the first stage, may take as long as 18-24 months. In the process of reviewing serials for this purpose, selectors are expected to reaffirm the adequacy of each title for our collection. Often, a title is subscribed to as a result of automatic renewal every time that an invoice comes in. This is not necessarily the most appropriate decision in certain cases: A title may have been originally selected because it was the only one in its field; since that decision was made, it is possible that more journals are being published on that subject, and that original title is less relevant to the academic needs of today. Another example of material no longer relevant occurs when the programmatic and research needs in a subject change due to faculty turnover or a shift of emphasis in a department. Any library collection supported by limited funds must perform this sort of review of its standing commitments, if it is to remain useful and relevant.

There are certain titles that form the fundamental literature in any subject. Another goal of the reconciliation process as it relates to shaping the collection involves the identification of these core titles. This is the first part of the process of collection evaluation, which will be of the highest priority in the coming year.

B. Considerations for the immediate future

In the coming year, my goal for Library Collections is to emphasize the evaluation of the collection. This will involve several areas of
approach, the most important being close contact and communication with the academic faculty so that selectors will become familiar with the academic needs. In so doing, selectors will develop another aspect of their assignment, by promoting other Library services. Step by step, familiarity with the academic programs and the faculty's research interests will lead to a closer working knowledge of the literature of a particular discipline and selection of library materials for both the general and the highly specialized research needs of the university community.

The Collection Development policy statements that exist in either draft or final form must be reviewed and perhaps re-written. The inherent problem in such policy statements is that they are either too broad, admitting any possibilities, or they are so specific that they leave no room to change or grow. Since the collection should reflect the needs of a dynamic community of scholars, it must also be flexible to a certain extent. Policies that are not reviewed regularly tend to stagnate and end up either stifling growth, or else they are left behind while the practice moves forward.

I will propose a re-thinking of our collection development policy statements so that they reflect the current priorities of the University and the Library. The statements would be complemented by a collection analysis, based on the actual collection rather than the ideal to be attained. Statistical data on each department, indicating number of majors, graduate students, programs, degrees awarded, and other numerical information needs to be included. Certain factors such as the average cost of a monograph and a serial title for each discipline need to be considered alongside the more subjective elements, such as the information needs of a certain discipline and the sources in which information is most commonly sought. These data, given relative weights, can provide some idea of the
amount of quantitative support that each discipline requires. The qualitative evaluation, which is much harder to perform, must be done on the basis of how well the material satisfies the needs of the users. In a later stage of collection evaluation, user studies need to be performed, hopefully with the aid of an automated circulation system.

As we progress with the collection policy statements on the one hand, and the actual collection activities with limited resources on the other, more planning and cooperation on a University-wide basis will be required. It is imperative that all the libraries of the University of New Mexico share the limited resources among us and avoid duplication wherever possible.

While the process of cooperation with the Law and Medical Center Libraries goes forward, we need to keep in close contact with the other academic libraries in New Mexico, with the goal of cooperative collection development on a regional level.

Another area of activity that I wish to pursue more vigorously is the solicitation of gifts and endowment funds. Even if we were working with a more adequate acquisition budget, I feel that we should develop the method of soliciting gifts as well as the processing of donations. This can be a significant source of funds as well as actual materials, if done properly. It may be advisable to involve the Director of the Friends more actively in the gifts processing.

More data is needed regarding the rate of loss of books from the collection, also the subjects represented in the losses as well as the type of material, year of publication, etc. I expect that the automated circulation system will be able to provide this information and additional valuable data. When we know more about the nature of our losses, we may be able to take steps to prevent them, or at least to build our collection with an anticipation of certain losses.
C. Problems to be solved

The most crucial problem to be solved is that of the adequacy of the book budget. If we are to attain the goal of building a research collection, we must have adequate resources.

Alongside the problem of funding, we also have to deal with the inadequacy of our fund accounting system. As it operates now, BATAB is not meeting our needs for accurate fund accounting; in addition, it functions so poorly in other areas that we find ourselves devising intricate procedures for the manipulation of the system in order to come out with adequate results. It seems obvious that the amount of staff time that goes into problem-solving could be much better utilized elsewhere.

The reconciliation of serials will greatly improve all functions in the Library. This project cannot be completed too quickly, in my estimation. At the present time, selectors are heavily involved in the project and we expect it to continue to take a great deal of time, at least until the completion of the first phase. Meanwhile, the frustrations encountered with serials continue: we have incomplete information on our holdings, the data that do exist may be inaccurate, and all of it is not in one place. In addition, the claiming procedures are not always operational so that when an issue or a volume is not supplied, it sometimes is not missed until a patron requests it. Unfortunately, if too much time has elapsed we have to purchase the piece, thus paying twice for it. As prices of serials continue to escalate, especially for the science titles, this becomes a problem of serious magnitude even without budgetary restraints.

As can be seen in this report, the new organization of Library Collections in the process of establishing itself in the larger context of the General Library and the University. There are still areas that require adjustment, which is to be expected as the needs of the organization change.
The coming academic year will be an exciting time for the development of the theory behind Library Collections.

D. Selection Assignments

**Humanities**

Selection coordinator: Linda Lewis

<table>
<thead>
<tr>
<th>Subject</th>
<th>Selector</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Thorson</td>
</tr>
<tr>
<td>French</td>
<td>Biblarz</td>
</tr>
<tr>
<td>German</td>
<td>Bensinger</td>
</tr>
<tr>
<td>Spanish</td>
<td>Grothey</td>
</tr>
<tr>
<td>Portuguese</td>
<td>Grothey</td>
</tr>
<tr>
<td>Russian</td>
<td>Bensinger</td>
</tr>
<tr>
<td>Classics</td>
<td>Miller (to 5/22/79), Pence</td>
</tr>
<tr>
<td>Journalism</td>
<td>Miller (to 5/22/79), Trumpeter</td>
</tr>
<tr>
<td>Speech Communication</td>
<td>Miller (to 5/22/79), Trumpeter</td>
</tr>
<tr>
<td>Theatre</td>
<td>Miller (to 5/22/79), Wright</td>
</tr>
<tr>
<td>Art</td>
<td>Pistorius</td>
</tr>
<tr>
<td>Architecture</td>
<td>Pistorius</td>
</tr>
<tr>
<td>Photography</td>
<td>Pistorius</td>
</tr>
<tr>
<td>Music</td>
<td>Wright</td>
</tr>
<tr>
<td>American Studies</td>
<td>Lewis</td>
</tr>
<tr>
<td>Woman Studies</td>
<td>Lewis</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Homestead (to 5/22/79), Lewis/Hight</td>
</tr>
<tr>
<td>New Mexicana</td>
<td>Farren</td>
</tr>
<tr>
<td>Western Americana</td>
<td>Farren</td>
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<tr>
<td>Rare Books</td>
<td>Farren</td>
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**Social Sciences**

Selection coordinator: Diane Papstein

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<th>Subject</th>
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</thead>
<tbody>
<tr>
<td>Economics</td>
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<tr>
<td>Subject</td>
<td>Coordinator</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Economics-Latin American</td>
<td>Papstein</td>
</tr>
<tr>
<td>History</td>
<td>Oscadal</td>
</tr>
<tr>
<td>Political Science</td>
<td>Oscadal</td>
</tr>
<tr>
<td>Sociology</td>
<td>Papstein</td>
</tr>
<tr>
<td>Ibero-American History</td>
<td>Tjarks</td>
</tr>
<tr>
<td>Ibero-American Sociology</td>
<td>Tjarks</td>
</tr>
<tr>
<td>Ibero-American Political Science</td>
<td>Tjarks</td>
</tr>
<tr>
<td>Ibero-American Anthropology</td>
<td>Tjarks</td>
</tr>
<tr>
<td>Linguistics</td>
<td>Miller (to 5/22/79), Pence</td>
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<tr>
<td>Anthropology</td>
<td>Robertson</td>
</tr>
<tr>
<td>Ethnic Studies</td>
<td>Baeza</td>
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<tr>
<td>Government Publications</td>
<td>Olbrich</td>
</tr>
<tr>
<td>Business</td>
<td>Simonson</td>
</tr>
<tr>
<td>Business Latin American</td>
<td>Simonson</td>
</tr>
<tr>
<td>Public Administration</td>
<td>Vassallo (to 5/22/79), Simonson</td>
</tr>
<tr>
<td>Newspapers</td>
<td>Watkins</td>
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<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Selection Coordinator:</td>
<td>Carol Hutchins</td>
</tr>
<tr>
<td>Engineering</td>
<td>Lane</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Trester</td>
</tr>
<tr>
<td>Physics</td>
<td>Trester</td>
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<tr>
<td>Astronomy</td>
<td>Trester</td>
</tr>
<tr>
<td>Geology</td>
<td>Hutchins</td>
</tr>
<tr>
<td>Geography</td>
<td>Hutchins</td>
</tr>
<tr>
<td>Maps</td>
<td>Hutchins</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Baeza</td>
</tr>
<tr>
<td>Biological Science</td>
<td>Baeza</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Broussard</td>
</tr>
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</table>
Communicative Disorders: Trester
NROTC: Trester
AFROTC: Trester

Education

Selection Coordinator: Mary Ellen Hanson

Secondary Education: Orgel
Guidance and Counsel: Hanson
Educational Administration: Clark (to 5/22/79), Hanson
Educational Foundations: Lester (to 5/22/79), Hanson
Elementary Education: Orgel
Special Education: Orgel
Art Education: Orgel
Health: Hanson
Physical Education: Hanson
Recreation: Hanson
Home Economics: Hanson
Psychology: Hanson
I. General Departmental Information

A. Significant Achievements During the Academic Year

Services

The primary focus of activities in the Readers' Services Division this year has been toward the expansion of services to the General Library's users. This has included extended services to a larger group of people and improving existing services to the campus community.

A major program for the Circulation Department was an extensive study of automated circulation systems. Since implementation of such a system would require a commitment from all Readers' Services personnel, our planning was designed to include everyone. Descriptions of the patron and book record form were developed and a sample record form was circulated for examination by Readers' Services Departments. All staff were invited to attend presentations of commercial systems, including CLSI, Dataphase, and Cincinnati Electronics. The Circulation Department staff became very knowledgeable about the basics of automated circulation.

During finals week in May, an experiment was conducted for longer hours in the Zimmerman Building:

<table>
<thead>
<tr>
<th>May</th>
<th>12 - 1 p.m.</th>
<th>1 - 2 p.m.</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
<td>39</td>
<td>79</td>
</tr>
<tr>
<td>2</td>
<td>73</td>
<td>63</td>
<td>136</td>
</tr>
<tr>
<td>3</td>
<td>119</td>
<td>65</td>
<td>184</td>
</tr>
<tr>
<td>4</td>
<td>85</td>
<td>57</td>
<td>142</td>
</tr>
</tbody>
</table>
It could be concluded that these additional study hours after midnight are worthwhile, especially early in the actual exam week and from midnight to 1 p.m.

Total Circulation in Zimmerman increased by 20,000 to nearly 148,000 and was reflected in massive piles of books returned at the end of the semester.
Sheer volume of activity and continual increase in Library use is becoming unmanageable without some kind of automated record keeping. Adding personnel will no longer solve the problem.

During the Spring Semester, the new OCLC-Interlibrary Loan system was installed. The UNM General Library joined via its regional network, AMICOS. By gaining a seat on the Interlibrary Loan Advisory Council, we were placed in the position to influence the goals for the system. The UNM General Library offered to host the training sessions for New Mexico, held on April 12th, and thus reaped the advantage of getting training for more than one employee. As a result of the very rapid switch to using nearly 80% OCLC-ILL as a message system, a careful analysis is planned of other communications. Since the Center for Research Libraries is not using OCLC-ILL, we will investigate
using Tymshare for these requests and attempt to eliminate the existing TWX system, if appropriate and cost effective. The volume on interlibrary loans dropped partly by instituting better searching which indicates many materials requested are available in this library.

Statistics were kept on the use of materials placed on reserve by teaching faculty. Since the increase in use over last year was 18.6%, it was important to determine that the system be used effectively – i.e., that those books in high use demand be put on reserve and that others be re-evaluated. In this analysis, books used fewer than four times in the semester were judged more appropriate for regular circulation since our one-month loan period provides for at least three regular circulations per semester. The results indicated that some teachers made very effective use of reserve services, while others were clearly placing a large burden upon the library for processing the reserve books but not requiring their students to use the material. This is also a disservice to those who would have used the books if they had been left in their normal place in the collection.

The results of the analysis by departments is as follows:

<table>
<thead>
<tr>
<th>Department or College</th>
<th>Used fewer than 4 times</th>
<th>Used 4 or more times</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>112</td>
<td>82</td>
</tr>
<tr>
<td>Modern and Classical Languages</td>
<td>98</td>
<td>29</td>
</tr>
<tr>
<td>Sociology</td>
<td>16</td>
<td>23</td>
</tr>
<tr>
<td>American Studies</td>
<td>46</td>
<td>8</td>
</tr>
<tr>
<td>Anthropology</td>
<td>40</td>
<td>21</td>
</tr>
<tr>
<td>Education</td>
<td>110</td>
<td>91</td>
</tr>
<tr>
<td>English</td>
<td>132</td>
<td>37</td>
</tr>
<tr>
<td>Economics</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td>Math and Physical Science</td>
<td>134</td>
<td>62</td>
</tr>
<tr>
<td>Philosophy</td>
<td>80</td>
<td>19</td>
</tr>
</tbody>
</table>
Department or College | Used fewer than 4 times | Used 4 or more times
--- | --- | ---
Psychology | 11 | 11
Biology | 37 | 6
Engineering | 31 | 12
All Others | 157 | 49
| 1009 | 453

These results, which clearly indicate poor use of an expensive library service, were reported to some of the departments during visits to department meetings. We realize it is impossible in many cases to prophesy one hundred percent which materials will be used if they are not required. However, since there is a clear indication that some faculty are able to inspire their students to use the materials and others are not, we will need to work with individuals to try to improve the situation. Selectors will be asked to discuss this with the areas they serve.

As a result of one faculty line transferred for one semester from Technical Services, a beginning was made toward better control of non-print media and equipment. All AV equipment available for use in the libraries was inventoried and all media examined. A report on the status of non-print materials was prepared and certain recommendations made.

As part of the self-study prepared for the visit of the North Central Accrediting Agency, a survey of users' satisfaction was done in the Spring of 1978. In April of 1979 this same study was repeated with results as shown:

Number of respondents: 1978 471 1979 240

Percentage responding "Good" or "Excellent" on question about:

Success in finding material: 1978 72% 1979 90.5%
Success in obtaining help: 1978 81.6% 1979 82.5%
Percentage evaluating the libraries as a "pleasant place to use": 112

1978 92%  1979 91.6%

The Readers' Services Division was able to improve its service in finding materials due to the support given by Technical Services. All materials in Fine Arts Library were reclassified into the Library of Congress System. This is a great benefit since students browsing by subject can look in only one area for material. A similar project came about as a result of the new definition of the Parish Collection and the Dewey classified collections were either reclassified to LC or transferred to Zimmerman. The HE's (Transportation and Communication) were examined and, since many are not relevant to the Management School's programs, were transferred to Zimmerman. A massive reclassification of Tireman materials well underway will place this whole collection in reasonable order for use and create an accurate catalog for access.

The orientation and instruction programs have increased to the point where we need to evaluate whether existing programs are cost effective. In order to meet the demand for tours from outside groups, the policy was revised to include volunteers from all departments of the library acting as tour guides. The tours for English 101 seem to have expanded to the point where sufficient staff members are not available to conduct all of these programs.

Orientation and Instruction Statistics

<table>
<thead>
<tr>
<th></th>
<th>Students</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Readers' Services</td>
<td>72</td>
<td>42</td>
</tr>
<tr>
<td>Reference</td>
<td>6482</td>
<td>6052</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>246</td>
<td>427</td>
</tr>
<tr>
<td>Parish</td>
<td>275</td>
<td>104</td>
</tr>
<tr>
<td>Special Collection</td>
<td>309</td>
<td>733</td>
</tr>
<tr>
<td>Tireman</td>
<td>260</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7744</td>
<td>7344</td>
</tr>
</tbody>
</table>
At the beginning of Semester I, 1978-79, the General Library, after consultation with the College of Education, stopped providing ERIC/GANDALF searches via the on-campus computer and began to provide higher quality online access to the ERIC data base. This is offered as part of the online search service which now accesses more than 70 data bases. Free demonstrations of online searches are available for classes upon faculty request.

The General Library continues to purchase ERIC tape updates to be maintained by Data Processing, and teaching faculty may arrange for their students to conduct ERIC/GANDALF searches of these tapes through campus terminals available for student use.

An online Search Service Policy was proposed and approved by Executive Council, effective August 21, 1978. An analysis of 248 searches run between August 21, 1978, and April 6, 1979, provided the following usage information:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate students</td>
<td>51.6%</td>
</tr>
<tr>
<td>Faculty</td>
<td>25.4%</td>
</tr>
<tr>
<td>Undergraduates</td>
<td>14.5%</td>
</tr>
<tr>
<td>Staff</td>
<td>5.7%</td>
</tr>
<tr>
<td>Other</td>
<td>2.8%</td>
</tr>
</tbody>
</table>

During 1978-79, 46 different University departments, special programs, or administrative offices used the search service. Of these, some used the service far more than others:

- College of Education: 46.0%
- College of Arts & Sciences: 29.2%
- College of Engineering: 3.2%
- College of Fine Arts: 0.5%
- School of Architecture: 2.0%
- School of Management: 4.5%
- Division of Public Administration: 0.8%
- School of Medicine: 3.6%
- Other: 7.0%

A continuing staff training program is vital to an effective online search service because of complex data bases and rapidly changing technical capabilities. The coordinator has developed a basic training program for
new searchers. During 1978-79, experienced searchers attended Lockheed
Advanced Training, BRS Training, BIOSIS Advanced Training, Engineering
Index/COMPENDEX Training, and ERIC Workshops.

In addition to Lockheed/DIALOG, SDC/ORBIT, and the New York Times
Information, the service now accesses BRS through AMIGOS.

Materials were prepared by the Reference Department to aid staff and
users:

Ethnic Studies Manual and Guide for Patrons
Ethnic Studies Card Catalog Maintenance Manual
Bibliography of Maps Relating to Ethnic Studies
List of Chicano Organizations in New Mexico (prepared in cooperation
with the UTEP editor of in-progress List of Chicano
Organizations in the U.S.)
Bibliography of Criticism of Rudy Anaya (prepared for inclusion
in a bibliography of criticism of contemporary Chicano
literature to be published by Dr. Ernestina Eger, Carthage
College, Wisconsin)

Outreach activities also included orientation services for the Law School's
paralegal program for Native Americans, the College of Engineering's minority
recruitment programs, and special tours for outside groups such as the Crown
Point Navajo high school students.

In December 1978, a reorganization of the collection development func-
tion of the General Library brought about a reassignment of four librarians
to the Reference Department. The reorganization was designed to improve the
liaison between teaching faculty and the Library by assigning a subject
specialist to integrate services on book selection, reference assistance and
library orientation and instruction. At the time of the reorganization,
reference librarians were given a selection and liaison responsibility added
to their reference and instruction duties. In general, the new system seemed
to be effective. Some problems did arise, however, because of inequalities
in assignment of subject areas, and because of resignations which created
temporary vacancies. There were also difficulties in setting priorities on
the increased variety of duties. The situation was compounded by budget restrictions which created the need to discontinue many serial subscriptions. This project requires many hours of review and will make it necessary to curtail some reference services and to shorten hours of service in general reference areas. It is hoped the situation will improve as vacant positions are filled.

The Fine Arts Library established a formal reference desk and unified reference collection and formal reference hours were established.

A final definition of the mission of the Parish Library occurred as a result of the report from a consultant from Stanford University. It was decided that the collection would be a selected item-by-item choice of current materials directly related to the programs of the School of Management. Procedures were developed for the appropriate transfers between the Zimmerman and Parish Library and a substantial amount of the work was accomplished this year. Unfortunately, this did little to reduce the acute space problem in this library. Other improvements in service such as an expanded current serial display, more orientation sessions and longer reference hours during evenings and weekends increased the use of the Parish Library by seven percent. As a consequence, the shortage of seating space has become even more evident.

A major project of the Special Collections Department this year was the beginning of an analysis and evaluation of the collection. The results of this project will form a basis for a better identification of the department's mission and philosophy on which to prepare collection development policies. While this will be a long term project, a very useful part of the accomplishments this year was the identification and transfer to Special Collections of many valuable books which had been located in the general book stacks of Zimmerman and Parish Libraries.
A fifty percent increase in the use of the Special Collections Department was probably a result of the appointment of an experienced rarebook librarian to the department head position. Donald Farren, who came to us from the John Carter Brown Rarebook Library at Brown University, had published extensively in Spanish Colonial history and brought to us a level of expertise that we had not had for many years. As a result of his knowledge and experience, there has been a decided increase in the quality of acquisitions, and in the care and protection of valuable collections as well as the quantitative increase in numbers of people served. Contacts with teaching faculty have increased student instruction and use. Researchers from outside the campus community also make good use of the Special Collections. This included some new groups, such as a large number of the residents of Tomé using land grant records.

Exhibits increased both in number and quality. Some exhibits were synchronized to the class instruction programs in the Special Collections Department. The Ethnic Studies reference area provided a series of exhibits of interesting materials supporting these programs.

Better bibliographic access was provided to two important collections in the Fine Arts Library. All sound recordings now have some kind of bibliographic control. This means that individual recordings in many of the large sets can now be identified and retrieved. Another major indexing project was completed covering the materials collected for the Archive of Southwestern Music. This unique collection of tapes is gaining national reputation and is drawing scholars here to use it. Major additions to the collection are being acquired as a result of a special project on the Navajo Reservation. The Head of the Fine Arts Library has received a grant from the Research Allocations Committee and is taping meetings and oral history interviews.

In order to involve the General Library in providing better library...
service to the students in the new Basic Skills Program, a Skills Center was planned. This center will provide tutoring in lower level mathematics and developmental reading, counseling, and instruction courses in study skills. Space on the third floor of Zimmerman was remodeled to include a classroom/tutorial study room. Two offices, two small group tutorial rooms and two closed carrels were assigned to this Center. It is planned to staff the Center with teaching assistants, work-study students, students doing practicum courses in remedial education with administrative time provided by library faculty. An advisory group made up of representatives from Arts and Sciences, Counseling, the Student Enrichment Program, the College of Education and the General Library will set policy.

A proposal for a Government Publications Department was submitted and approved and an unfilled position was converted to become the department head. A search was begun to fill the position. Research on the practices in other ARL libraries indicated that there are good reasons for organizing documents collections as a department. With declining purchasing power for library materials, it is necessary to make maximum use of this wealth of material which the Library receives free from the government. As a department, the documents collection will gain more visibility and a department head will be able to argue its priorities in administrative meetings. The federal government is increasing the number of items coming on deposit because of the savings which came about with the project to publish in microform. The details of the name of the new department, its organization chart and its functions will be worked out after a department head is hired in the next fiscal year.

A proposal for an internship was submitted to the Libraries' Executive Council and approved. The implementation of the internship program will be by the Assistant to the Dean for Management.
A proposal for converting one unfilled position to an Assistant Ethnic Studies Librarian was approved. This position may provide an entry point for ethnic candidates and will expand the possibilities for service on Ethnic Studies reference.

Readers' Services Roundtables were continued as a device for upgrading professional interests and skills. Programs offered this year included:

- Legal Aspects of the Security System - Marsha Simonson
- Rare Materials purchased from the Book Sale Proceeds - Donald Farren
- Discussion on Faculty Requirements - Non-tenured faculty
- Visit to the Law Library

The program begun last year to expand the access to the General Library to the general public was continued with several new agreements. As a result of examining the program with the Albuquerque Public Library, it was decided to adopt a three-way agreement between the Albuquerque Public Library, the University of Albuquerque and the UNM General Library. This provides for circulation privileges in either academic library by the faculty and students of the other by referrals through the Public Library. While the procedure discourages casual use when students should be using their primary campus library, it permits students with special research needs to use the resources of the other institution. Results of the agreement have been satisfactory.

As a part of the University's attempt to establish good relations with TVI in support of their cooperative degree programs, an agreement was reached with the TVI Media Center to share resources. This contract allows library personnel from either institution to refer students and faculty, who need to use the materials of the other school, where circulation privileges will be granted.

Substantial progress was made on a joint project with the Albuquerque Museum and the Albuquerque Public Library for preserving and providing access
to the historical photographs in the three institutions. Funding came from these institutions and from a Greater UNM Grant. The preservation part of the program was completed this year. This produced negatives for every photograph and will permit purchasing a print of any of these photographs. Each institution received a contact print so that the originals will not be damaged by users browsing through the original collection. A computerized index is now underway and will be completed next year.

The Eastern Valencia County Satellite Center at Belen began offering courses in Fall Semester 1978. Since no library or book budget was provided, a collection of gift books and some surplus shelving was donated by the General Library. The collection was roughly classified by subject areas to permit subject browsing. The secretary for the facility was trained in simple circulation procedures. A major responsibility for the next fiscal year's planning should be to work with the Continuing Education Division to obtain funding for a librarian or combination librarian/teaching position and for at least a modest materials budget.

Other cooperative activities included a continuation of the contract to supply service and delivery of materials to the Sandia corporation Library and efforts to develop a single local circulation system. The Sandia contract supports a half-time position in the Interlibrary Loan Section. Meetings were continued with representatives of several local libraries in order to define a plan for sharing a common circulation system. This plan, which provides maximum efficiency in sharing local resources, will be integrated into the UNM General Library’s proposal for automated circulation functions.

**Space and Equipment**

Through the cooperation of the College of Fine Arts with the Library Administration, special funding was obtained to enclose the balcony area in
the Fine Arts Library. This permitted an expansion of the space available for rare and special materials which need protection from mishandling or theft.

The addition of an OCLC terminal to be shared by reference and interlibrary loan increased the ability to provide answers about the Library's collection and about other locations for securing materials needed on loan.

As part of the Skills Center Program additional equipment was added to furnish two offices, to provide 24 wet carrels and additional writing arm chairs for classroom use.

Our old bookdrop finally died an honorable death from overwork. A new one was purchased and installed on Roma at the north side of the Zimmerman building. Its greater capacity has saved personnel time and cured the problem of books being left unattended because the smaller bin was full.

Some consultation assistance was provided for students with hearing handicaps. This resulted in the students receiving a grant to purchase TTY terminals which permit use of the telephone by people with a hearing loss. One of these terminals was placed at the Circulation Department for the public to use.

During the fiscal year, the Copy/Media Center's revolving account had credits of $174,159.10 and expenses of $169,733.51. Equipment purchased included one Xerox Model 4000, one calculator, and one Xerox Model 740 microfiche to paper copier. The salary for the manager of the unit was transferred to this account.

During this year the responsibility for the Memo Collection was transferred to Readers' Services and this collection became part of the Special Collections Department. Since the Library has received a bequest of $25,000 for expansion and improvement of the Anderson Room, it will be necessary to evaluate how best to use the increased space to integrate all of the Special
Collections services. A more structured identification of what makes a special collection is needed and how collections relate to each other and to the research and curriculum interests of the University should be defined.

The final conversion of the lighting system in Zimmerman II was completed. The new lighting system not only permits the use of other electric and electronic equipment, but also has totally cured the lighting problem. After years of suffering blackouts of large sections of the building for weeks at a time, the freedom from this problem is a welcome circumstance. The improved electric system also permitted installation of the 3M Security System at the front entrance. A security gate similar to the main entrance device was also installed at the employees entrance in order to release monitoring personnel for other duties and to omit the search of personal belongings.

B. Significant Plans and Recommendations for the Near Future

Plans for the coming year include recognition of the need to address immediate problems and to continue to improve and make more efficient the present services.

Major goals include:

1. To increase liaison between selectors and the area they represent in order to improve the quality of library instruction programs, reference and online search services, and to stimulate more efficient use of reserve service.

2. To make progress in identifying acute space needs especially in Tireman and Parish, and to evaluate ways that the book storage space in
Zimmerman can be increased without jeopardizing the space assigned for student study and seating. Some special attention must be given to expanding space for the government publications collections.

3. To evaluate the effectiveness of the Skills Center for services in tutoring, counseling and instruction in study skills and to determine how it best fits into similar services on campus in relation to its goals to provide services or make proper referrals to other agencies. A major goal will also be to obtain funding for two full-time professionals to provide administration and developmental education and for an expansion in the services provided.

Another recognized need that should be addressed in the near future is the necessity for secured exhibit space and satisfactory exhibit equipment. The learning which results from proper exhibition of the resources of the library is an essential part of the instruction all students should receive as a part of their university experience. This lack should be remedied as soon as possible.

An effort will also be made to develop an archive and information bank concerning New Mexico artists. Ephemeral materials and information from non-traditional sources will be collected. This will meet a long standing and unmet need for many users of the Fine Arts Library.

As a result of refocusing the responsibilities of reference librarians, there is a continuing need to have additional support personnel for routine services. Attention will have to be given to reallocations of positions for this purpose.

Projects for investigation include:

An examination of the comparison of paper versus microform for a College Catalog Collection.

Use of the OCLC terminal directly by the public.

Final plans for an automated circulation system.

The possibility of installing an electronic detection system for the Meem Collection.
Better ways to circulate and publicize the non-book materials in Zimmerman Library.

The Copyright Manual was revised and updated this year as a result of the first year's experience with the new law. Since it appears the nationwide evaluation of the effects of the law will cover 1981 or 1982, we will plan to do a test study during 1980.

A major effort needs to be made to upgrade and update the microform readers and reader/printers some of which are twenty years old. A better system of maintenance service must also be sought.

Success in achieving these goals will depend not only upon the staff of the Readers' Services Division but also upon whether the General Library can commit more priority to services and whether the University can identify its priorities for its programs. The Readers' Services Division has attempted to respond and meet the changing needs of the University and will continue to start new programs and services as these needs are expressed to us.
<table>
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<tr>
<th>Service</th>
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<th>1978-79</th>
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<tr>
<td>Parish</td>
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<td>159,518</td>
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<td>Fine Arts</td>
<td>133,016</td>
<td>128,975</td>
</tr>
<tr>
<td>Tireman</td>
<td>390'</td>
<td>441,207</td>
</tr>
</tbody>
</table>

**Outside Circulation***        | 390,393 | 441,207 |

| **Circulation**                |         |         |
| Zimmerman                     | 350,853 | 345,107 |
| Parish                         | 234,845 | 253,261 |
| Fine Arts                      | 13,519  | 14,501  |
| Tireman                        | 94,068  | 51,888  |
|                                | 8,428   | 25,457  |

| **Reserve Circulation**        |         |         |
| Zimmerman                     | 96,966  | 114,722 |
| Parish                         | 74,617  | 90,372  |
| Fine Arts                      | 10,083  | 8,447   |
| Tireman                        | 12,266  | 15,817  |
|                                | .86     | .86     |

**Interlibrary Loan**          |         |         |
| Borrowed                       | 10,486  | 7,682   |
| Lent                           | 4,714   | 3,427   |
|                               | 5,772   | 4,255   |

* Fine Arts and Parish only
** Does not include Tireman or Zimmerman during July and August
*** Includes interlibrary loans and reserve but does not include the Listening Center or Evaluation Center
C. Appointments to Staff

Wilson Belvin, Library Technical Assistant I (50%) 12/12/78
Judith Bernstein, Instructor 09/01/78 Temporary
Hira Bhojani, Clerical Specialist III 08/08/78
Anna Broussard, Library Technical Assistant II 04/23/79 Temporary
Katharine Costa, Instructor 01/03/79 Transfer
Carolyn Davis, Library Technical Assistant II (50%) 06/11/79 Transfer
Kathryn Davis, Library Technical Assistant I 09/14/79 Transfer (CETA)
Merlene DuBre, Staff Assistant 04/02/79 Temporary
Donald Farren, Associate Professor 09/01/79
Mary Ellen Hanson, Assistant Professor 01/03/79 Transfer
Grace Hsu, Instructor 09/01/78 Temporary
Peter Ives, Library Technical Assistant II 08/21/78 Transfer (from CETA)
Marguerite Lauver, Library Technical Assistant II 01/21/79
Amalia Lopez, Clerical Specialist III 04/09/79
Jennie Lopez, Clerical Specialist II 10/17/78
Mary Ann Lopez, Library Technical Assistant III 08/24/78 Transfer
Teresa Lopez, Clerical Specialist III 11/16/78
Leslie Merker, Clerical Specialist III (50%) 07/31/78
Beverly Moreno, Library Technical Assistant II (50%) 11/15/78 Temporary
Linda Orgel, Instructor 08/01/78
Frances Oscadal, Instructor 09/15/78
Diane Papstein, Assistant Professor 01/03/79 Transfer
Gregory Peterson, Clerical Specialist III 07/03/78
Nancy Pistorius, Instructor 07/01/78
Ronnie Pitman, Clerical Specialist III 01/08/79 Temporary
Mary Rask, Library Technical Assistant II 08/01/79
Christina Ross, Clerical Specialist IV 04/19/79
Archibald Sawyer, Library Technical Assistant I (50%) 12/11/78
Alice Sickles, Clerical Specialist IV (50%) 01/03/79
Marsha Simonson, Assistant Professor 08/15/78
Marianne Spores, Library Specialist I 12/08/78 Temporary
Eulynda Toledo, Library Technical Assistant I (50%) 08/21/78
Dorothy Trester, Assistant Professor 01/03/79 Transfer
Alicia Tjarks, Assistant Professor 01/03/79 Transfer
Linda Torres, Clerical Specialist III 08/21/78
Sabina Vanish, Clerical Specialist IV 09/20/78
Denise Warren, Clerical Specialist III (50%) and Library Technical Assistant I (50%) 07/29/78

D. Separations from Staff

Judith Bernstein, Instructor 06/30/79 Temporary
Hira Bhojani, Clerical Specialist III 11/06/78 Transfer
Deborah Wonn Butcher, Clerical Specialist IV 12/04/78
Erba Cordell, Clerical Specialist III 07/31/78
Katharine Costa, Instructor 06/30/79 Temporary
Luis Gallegos, Library Technical Assistant I 10/02/78 Transfer (CETA)
Judith Geitgey, Library Technical Assistant III 07/12/78
Rex Hopson, Assistant Professor 10/09/78 Transfer
Grace Hsu, Instructor 05/11/79 Temporary
Deborah Kane, Library Technical Assistant I (50%) 11/08/78
Elizabeth Kern, Library Technical Assistant II (50%) 04/30/79
Katherine Liden, Library Technical Assistant III 08/18/78 Temporary
Amalia Lopez, Clerical Specialist II 09/29/78
Jennie Lopez, Clerical Specialist II 03/16/79
Kathryn Miller, Clerical Specialist III 08/28/78
Beverly Moreno, Library Technical Assistant II (50%) 06/29/79 Temporary
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Date</th>
</tr>
</thead>
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<tr>
<td>Linda Orgel, Instructor</td>
<td></td>
<td>06/30/79</td>
</tr>
<tr>
<td>Jean Orman, Library Technical Assistant I</td>
<td></td>
<td>01/21/79</td>
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<tr>
<td>Ronnie Pitman, Clerical Specialist III</td>
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<td>06/30/79 Temporary</td>
</tr>
<tr>
<td>Cynthia Sanders, Clerical Specialist III</td>
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<td>Edward Taylor, Clerical Specialist II</td>
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<td>Maurice Thompson, Library Technical Assistant I</td>
<td></td>
<td>07/10/78</td>
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<tr>
<td>Eulynda Toledo, Library Technical Assistant I (50%)</td>
<td></td>
<td>10/13/78</td>
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<tr>
<td>Sabina Vanish, Clerical Specialist IV</td>
<td></td>
<td>04/22/79</td>
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</table>
II. Composite of Information Requested on Individual Biographical Supplements

1. Advanced Study

Nancy Carol Hutchins - 3 s.h. Geology 101, UNM

- 3 s.h., Geography 380L, UNM

Marsha Simonson - admitted to New Mexico Bar, UNM

2. Sabbaticals, Leaves of Absence, Summer Teaching Elsewhere, Travel, etc.

Gilda Baeza - Travel in California to Chicano Studies Collections

Sandra Coleman - CLR Academic Management Grant at Stanford University, 1978-79

Grace Hsu - Travel to visit British Museum Library and Swanson University Library, U.K.

Linda Orgel - Travel in western states and Mexico

Ellen Robertson - Attended workshops for online searching on BIOSIS, Chemical Abstracts, Times Information Bank, Management Contents, BRS, and DIALOG update

Alice Tjarks - Travel in England and Spain

Dorothy Trester - Travel in Connecticut and Texas

Dorothy Wonsmos - Leave of absence for family emergency

James Wright - Travel to Washington D.C., to visit Library of Congress, National Archives Sound Recordings Collection, and Smithsonian Institution Sound Recordings Collection

3. New Scholastic Honors, Fellowships, etc.

Sandra Coleman - CLR Grant $20,000

Mary Ellen Hanson - HEA Title II Participant Award for Librarians as Managers Institute, Emporia, Kansas
Linda Orgel - Beta Phi Mu Library Honor Society

Alicia Tjarks - British Council Travel Grant for visits to U.K. Latin American collections
- Appointed reviewer for N.E.H. proposals

4. Publications

Alice Clark - "NMLA as a Chapter of the American Library Association," NMLA Newsletter, v. 6, no. 2 (May 1978), p. 10


William Olbrich - Book reviews in Serials Review

Alicia Tjarks - "Demographic, Ethnic and Occupational Structure of New Mexico, 1790", The Americas, v. XXXV, no. 1 (July 1978), pp. 45-88
- "Argentine Sources at Zimmerman", Espejo, v. 2, no. 3 (April 1978), p. 5
- Board of Editors for Arno Press for Latin American reprints

James Wright - Editor, Association of Recorded Sound Collections Bulletin, no. 11 (1978)
- "Executive Secretaries Report", ARSC Bulletin, no. 11

5. Other Research Projects and Creative Works in Progress

Gilda Baeza - Chicano periodicals indexing project

Alice Clark - "Writing University Goals and Objectives: Two Case Studies", being revised to editor's suggestions
- "Microforms as a Substitute for the Original in the Collection Development Process", chapter for Collection Development in Libraries, JAI Press, accepted by editor
Mary Ellen Hanson - "A Selected Bibliography of Sources on American Quilting and Patchwork", update in progress

Beatrice Hight - Bibliography of New Mexico novels, in progress

Grace Hsu - "Library Procedures", in-house publication

- "Printed Catalogs in the Reference Collection", in-house publication, with Beatrice Hight

- "The Set-up of the Library of the Small Consulting Engineering Company", in progress

Nancy Carol Hutchins - Testing library instruction exercises for a chapter in an introductory engineering textbook

Linda Lewis - Biographical study of prominent New Mexico women

Nancy Pistorius - Reflections of a Recent Immigrant: Visual Studies of New Mexico Landscape, mixed media, in progress

Alicia Tjarks - Archivo del Dr. Rufino de Elizalde, 4 vols. Buenos Aires: Editorial Universidad de Buenos Aires, forthcoming volumes 5 and 6 (completed)

- The Second Peronist Regime: a Bibliographic Approach, in progress

- "Parish Records as Sources for Demographic Studies of the American Southwest", in progress

Dorothy Trester - Bibliographies in chemistry, in-house

James Wright - Taping for Archive of Southwestern Music

6. Activities in Learned and Professional Societies

Gilda Baeza - Attended NMLA/TLA Conference, El Paso

- Attended Seminario on Library Service to Hispanics, Tucson

- Paper: "Evaluation of the Chicano Indexing Project", Graduate Library School at U.C.-Berkeley
Alice Clark - Elected New Mexico Representative to the Council of the American Library Association
- Board Member - NMLA
- Conference Site Committee - NMLA
- Attended ALA meetings, Chicago, January and June
- Attended NMLA Board meetings, Los Alamos and Farmington
- Attended meeting of Southwest Academic Library Consortium, Abilene, Texas
- Selected to be delegate for New Mexico Pre-White House Conference at Santa Fe

Sandra Coleman - Treasurer - NMLA
- Member, Library Education Committee, 1978-79
- Executive Board, Southwest Library Association
- Chair, Task Force on Pre-Conference Workshops, SWLA/SELA
- Member, CELS Advisory Board
- Attended ALA Conference, Chicago
- Attended NMLA Conference, Albuquerque
- Attended NMLA/CELS Workshop on Copyright
- Attended SWLA Conference, New Orleans
- Attended Association of College and Research Libraries Conference, Boston

Diane Papstein - Attended NMLA Annual Conference, Albuquerque

Ellen Robertson - Attended NMLA Annual Conference, Albuquerque
- Attended ALA meeting, Chicago, June 1978

Dorothy Wonsmos - Attended NMLA Conference, Albuquerque
- Attended Copyright Workshop, Albuquerque
- Attended Interlibrary Loan Workshop, El Paso, Texas
7. Other Professional Activities

Gilda Baeza - Moderated discussion on the film "The Speaker" at the Greater Albuquerque Library Association presentation
- Member of the Intellectual Freedom Committee of NMLA
- Member of Affirmative Action Committee of REFORMA, El Paso Chapter

Alice Clark - Spoke on ALA Council Meeting at Greater Albuquerque Library Association Meeting

Grace Hsu - Consultant to Gordon Herkenhoff and Associates.

Zanier Lane - Member, Nominating Committee, SWLA
- Attended SWLA/SELA Conference, New Orleans
- Vice President, NMLA
- Attended NMLA Conference, Albuquerque
- Attended NMLA Board meeting, Los Alamos and Farmington
- Member, Nominating Committee, Special Libraries Association
- Attended Pre-Conference, SWLA, New Orleans
- Attended NMLA Committee meetings, Albuquerque, Santa Rosa, Santa Fe

William Olbrich - Spoke to New Mexico Genealogical Society on Government Publications
- Spoke to NEICA researchers on Technical Report Literature
- Consultant to National Indian Council on Aging and NEICA

Alicia Tjarks - Local coordinator for SALALM Conference to be held in Albuquerque in 1980

James Wright - Spoke on Music of the Southwest to the Presbyterian Women
- Spoke on Archive of Southwestern Music at NMLA conference
- Spoke on Archive of Southwestern Music at Special Libraries Association meeting
8. Non-teaching University Service

Alice Clark - Building Committee for Anderson Schools of Management
- Search Committee for Associate Provost for Academic Affairs
- Taskforce on UNM/TVI Cooperation
- Faculty Senate
- Senate Long Range Planning Committee
- Basic Skills Program Planning Committee, Chairperson
- Ad Hoc Committee on Service to the Handicapped
- Taught 2 sessions of LS 247

Sandra Coleman - Campus Planning Committee
- Committee of Five
- Faculty Senate

Mary Ellen Hanson - Admissions and Registration Committee
- Subcommittee on Falsification of University Records

Beatrice Hight - Faculty Senate
- Undergraduate Academic Affairs Committee

Zanier Lane - Faculty Senate
- Undergraduate Academic Affairs Committee
- Research Policy Committee

Linda Lewis - UNM Press Committee

Linda Orgel - UNM Women's Center Advisory Committee
- Search Committee for Director of Library Science Program in the College of Education

Diane Papstein - Faculty Senate
- Student Affairs and Cultural Programs Committee
- Search Committee for Coordinator of Women Studies Program
- Taught Economics 239 - Fall and Spring
Alicia Tjarks - Latin American Taskforce Committee

- Doctoral Dissertation Committees Modern Languages and History

Dorothy Trester - Curricula Committee

- Ad Hoc Committee on Anderson Schools of Management

James Wright - Radio Board

- Faculty Senate
- Committee on Student Affairs and Extracurricular Activities
- Chair, Fine Arts Library Committee

9. Public Service

Alice Clark - Spoke on Copyright at meeting of the Association for Staffing Training and Development
- Greater UNM Fund Grant for cooperative photographic project with Albuquerque Museum and Albuquerque Public Library, $1,500

Sandra Coleman - Associates of the Stanford University Libraries

Mary Ellen Hanson - Friends of the Library Book Sale volunteer

- League of Women Voters, Board of Directors
- League of Women Voters, Voter editor
- League of Women Voters, Urban Crisis Study Committee

Grace Hsu - Member of Administrative Council of Central Methodist Church and Council on Community and Global Ministries

- Substitute Sunday School teacher
- Secretary/Treasurer and Co-Chairman of the Partnership Class

Zanier Lane - Santa Fe Opera Guild

- Albuquerque Opera Guild
- Albuquerque Symphony Women's Association
- Kappa Alpha Theta Alumnae

Linda Lewis - Amnesty International

- Beta Sigma Phi
William Olbrich - Den Dad for Cub Scouts

Diane Papstein - Volunteer, Corrales Public Library

Elizabeth Robertson - Consultant to DNA Navajo Nation, Window Rock

Alicia Tjarks - Partners of the Americas, New Mexico Chapter

Dorothy Trester - Albuquerque Sister Cities Committee, Member of Board of Directors and newsletter editor

- Albuquerque Press Club, Planning Committee

Dorothy Wonsmos - Senior Choir, St. Paul's Lutheran Church

- Lutheran Church Women

- Jury Duty, District Court

James Wright - Cultural Committee of Albuquerque Chamber of Commerce
ANNUAL STATISTICS OF THE CIRCULATION DEPARTMENT
FOR THE 1978 - 1979 FISCAL YEAR

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<th>Category</th>
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<th>% Increase or Decrease</th>
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<td><strong>GATE COUNT</strong></td>
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I. GENERAL DEPARTMENTAL INFORMATION

A. Significant Achievements During The Academic Year.

1. ILL subsystem started.
2. Addition of half time LTA I in ILL.
3. Addition of office area for ILL.
4. Obtained new outside bookdrop.
5. Inventoried all shelving pieces at North Campus Storage.
6. Range construction and shifting on main floors.
7. TV-I Joint Access Program.
9. Purged out all old searches, Ibb's and other "deadwood" from the main circulation file.
10. Organized the entire fines and overdue section of Circulation so that it can now operate efficiently. This was due primarily through the hard work of Anna Brad.
11. Purged Rush Order backlog and Master Reserve Lists in the Reserve Book Room Section.
12. Developed new orientation checklists for all new students and staff.
13. Assisted in the completion of the withdrawal policy.
15. Studied, observed and researched the implementation of automated circulation systems, and their feasibility for their use in the UNM General Library.
17. Developed a numerical cross reference file for all special borrowers.

B. Significant Plans and Recommendations For The Near Future.

1. Installation of an automated circulation system.
2. Installation of an OCLC terminal and printer in ILL.
3. Construction of an access door between the old and new ILL office areas.
4. Additional range expansion on the main floors.
5. Dedicated telephone line for TTY terminal.
6. Changing the policy for clearing students for registration.

C. Appointments to Staff—Separations from Staff. see attached memo from Mary Ann Lopez.
TO: Ed
FROM: Mary Ann
SUBJECT: Annual Report Information

Below is a list of Circulation employees, their starting date, and their termination dates for the fiscal year 1978-79:

<table>
<thead>
<tr>
<th>Name</th>
<th>Starting Date</th>
<th>Termination Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Katherine Liden</td>
<td>1/15/78</td>
<td>8/18/78</td>
</tr>
<tr>
<td>Kathryn Miller</td>
<td>6/13/78</td>
<td>8/28/78</td>
</tr>
<tr>
<td>Clarke Metcalf</td>
<td>9/19/78</td>
<td>6/29/78</td>
</tr>
<tr>
<td>Jean Orman</td>
<td>1/21/78</td>
<td>1/21/79</td>
</tr>
<tr>
<td>Cynthia Sanders</td>
<td>5/5/78</td>
<td>7/21/78</td>
</tr>
<tr>
<td>Hira Bjohani</td>
<td>8/8/78</td>
<td>11/06/78</td>
</tr>
</tbody>
</table>

New Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Starting Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary Ann Lopez</td>
<td>8/24/78</td>
</tr>
<tr>
<td>Theresa Lopez</td>
<td>11/16/78</td>
</tr>
<tr>
<td>Maggie Lauver</td>
<td>1/21/79</td>
</tr>
<tr>
<td>Leslie Nevins</td>
<td>7/31/78</td>
</tr>
<tr>
<td>Greg Peterson</td>
<td>7/03/78</td>
</tr>
</tbody>
</table>

New Faculty

Stephen Rollins 7/13/79 (new fiscal year)

Number of Annual Leave for Circulation Staff (1978-79)

<table>
<thead>
<tr>
<th>Name</th>
<th>Jan. thru June 1979</th>
<th>July-Dec. 1978</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armijo, P.</td>
<td>56 hours</td>
<td>120 hours</td>
</tr>
<tr>
<td>Brady, A.</td>
<td>8 &quot; - 46 LWOP</td>
<td>8 &quot;</td>
</tr>
<tr>
<td>Diven, E.</td>
<td>136 &quot;</td>
<td>40 &quot;</td>
</tr>
<tr>
<td>Humphreys, J.</td>
<td>120 &quot;</td>
<td>40 &quot;</td>
</tr>
<tr>
<td>Kargacin, K.</td>
<td>40 &quot;</td>
<td>16 &quot;</td>
</tr>
<tr>
<td>Lauver, M.</td>
<td>36 &quot;</td>
<td>-</td>
</tr>
<tr>
<td>Lopez, M.A.</td>
<td>40 LWOP</td>
<td>-</td>
</tr>
<tr>
<td>Lopez, T.</td>
<td>32 &quot;</td>
<td>120 &quot;</td>
</tr>
<tr>
<td>Nevins, L.</td>
<td>160 &quot;</td>
<td>144 &quot;</td>
</tr>
<tr>
<td>Padilla, E.</td>
<td>120 &quot;</td>
<td>120 LWOP - 28 hrs. A.L.</td>
</tr>
<tr>
<td>Peterson, G.</td>
<td>13 &quot;</td>
<td>56 &quot;</td>
</tr>
<tr>
<td>Sittingbull, F.</td>
<td>120 &quot;</td>
<td>144 &quot;</td>
</tr>
<tr>
<td>Warren, D.</td>
<td>120 &quot;</td>
<td>-</td>
</tr>
<tr>
<td>Wonsmos, D.</td>
<td>8 &quot;</td>
<td>160 &quot;</td>
</tr>
<tr>
<td>Zahrer, W.</td>
<td></td>
<td>160 &quot;</td>
</tr>
</tbody>
</table>
TO:  EDWARD PADILLA
FROM:  WILLIAM ZAHNER
SUBJECT:  RESERVE SECTION - ANNUAL REPORT - JULY 1, 1978-JUNE 30, 1979

RESERVE CHARGES WERE UP 7.3% FOR THE FISCAL YEAR. NEVERTHELESS, A STEADY DOWNWARD TREND IN RESERVE CHECK-OUTS OCCURRED FOR THE FINAL MONTHS OF THE REPORT PERIOD. PROCESSING REMAINED AT A LEVEL COMMENSURATE WITH THAT OF LAST YEAR. DUE TO THE NEW COPYRIGHT LAW, A GREAT DEAL OF TIME WAS SPENT PULLING PERSONAL COPY MATERIAL IN COMPLIANCE WITH THE LAW. HOWEVER, THE LACK OF ACTIVITY AT THE COUNTER AND THE MODERATE LEVEL OF PROCESSING EASILY PERMITTED THE ACCOMPLISHMENT OF THE EXTRA WORK INVOLVED.

MUCH PERSONNEL TIME WAS SPENT IN DUTIES FOR THE CIRCULATION SECTION. PERHAPS AS MUCH AS ONE HALF OF ALL RESERVE PERSONNEL TIME WAS USED FOR TASKS THAT WERE NOT DIRECTLY CONNECTED TO THE OPERATION OF THE RESERVE SECTION. THIS DISPLAYS THE HIGH DEGREE OF INTEGRATION THAT HAS BEEN ACHIEVED BETWEEN THE OPERATIONS OF THE VARIOUS SECTIONS OF THE CIRCULATION DEPARTMENT.

GENERALLY, THINGS RAN VERY SMOOTHLY THROUGHOUT THE YEAR. THE PERSISTENT PROBLEM OF PROFESSORS WHO WAIT UNTIL THE LAST MOMENT TO MAKE THEIR RESERVE REQUESTS WAS SLIGHTLY IMPROVED, BUT CAUSED SOME ANXIETY ESPECIALLY WHEN THE TITLES HAD TO BE 'RUSH ORDERED.' MUCH STAFF TIME WAS SPENT STUDYING AUTOMATED CIRCULATION SYSTEMS, AND HOW RESERVE PROCEDURES COULD BE INTEGRATED INTO AN AUTOMATED SYSTEM.
**THE UNIVERSITY OF NEW MEXICO**

**DATE:** July 11, 1979

**FROM:** Alice Clark

**TO:** Dorothy Wonsmos, Interlibrary Loan Office

**SUBJECT:** ANNUAL REPORT - July 1978-June 1979.

### Borrowing Transactions Completed

<table>
<thead>
<tr>
<th>Month</th>
<th>1978-79</th>
<th>1977-78</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>211</td>
<td>603</td>
</tr>
<tr>
<td>August</td>
<td>261</td>
<td>224</td>
</tr>
<tr>
<td>September</td>
<td>266</td>
<td>500</td>
</tr>
<tr>
<td>October</td>
<td>444</td>
<td>488</td>
</tr>
<tr>
<td>November</td>
<td>243</td>
<td>516</td>
</tr>
<tr>
<td>December</td>
<td>182</td>
<td>255</td>
</tr>
<tr>
<td>January</td>
<td>236</td>
<td>237</td>
</tr>
<tr>
<td>February</td>
<td>341</td>
<td>500</td>
</tr>
<tr>
<td>March</td>
<td>360</td>
<td>500</td>
</tr>
<tr>
<td>April</td>
<td>349</td>
<td>320</td>
</tr>
<tr>
<td>May</td>
<td>299</td>
<td>210</td>
</tr>
<tr>
<td>June</td>
<td>235</td>
<td>242</td>
</tr>
</tbody>
</table>

**TOTAL BORROWING TRANSACTIONS**

<table>
<thead>
<tr>
<th>Month</th>
<th>1978-79</th>
<th>1977-78</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>211</td>
<td>653</td>
</tr>
<tr>
<td>August</td>
<td>261</td>
<td>392</td>
</tr>
<tr>
<td>September</td>
<td>266</td>
<td>670</td>
</tr>
<tr>
<td>October</td>
<td>444</td>
<td>588</td>
</tr>
<tr>
<td>November</td>
<td>243</td>
<td>604</td>
</tr>
<tr>
<td>December</td>
<td>182</td>
<td>332</td>
</tr>
<tr>
<td>January</td>
<td>236</td>
<td>321</td>
</tr>
<tr>
<td>February</td>
<td>341</td>
<td>615</td>
</tr>
<tr>
<td>March</td>
<td>360</td>
<td>580</td>
</tr>
<tr>
<td>April</td>
<td>349</td>
<td>320</td>
</tr>
<tr>
<td>May</td>
<td>299</td>
<td>210</td>
</tr>
<tr>
<td>June</td>
<td>235</td>
<td>242</td>
</tr>
</tbody>
</table>

### Lending Transactions Completed

<table>
<thead>
<tr>
<th>Month</th>
<th>1978-79</th>
<th>1977-78</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>351</td>
<td>580</td>
</tr>
<tr>
<td>August</td>
<td>303</td>
<td>437</td>
</tr>
<tr>
<td>September</td>
<td>359</td>
<td>527</td>
</tr>
<tr>
<td>October</td>
<td>358</td>
<td>576</td>
</tr>
<tr>
<td>November</td>
<td>308</td>
<td>533</td>
</tr>
<tr>
<td>December</td>
<td>207</td>
<td>402</td>
</tr>
<tr>
<td>January</td>
<td>327</td>
<td>413</td>
</tr>
<tr>
<td>February</td>
<td>390</td>
<td>570</td>
</tr>
<tr>
<td>March</td>
<td>381</td>
<td>612</td>
</tr>
<tr>
<td>April</td>
<td>293</td>
<td>413</td>
</tr>
<tr>
<td>May</td>
<td>338</td>
<td>367</td>
</tr>
<tr>
<td>June</td>
<td>392</td>
<td>334</td>
</tr>
</tbody>
</table>

**TOTAL LENDING TRANSACTIONS**

<table>
<thead>
<tr>
<th>Month</th>
<th>1978-79</th>
<th>1977-78</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>636</td>
<td>680</td>
</tr>
<tr>
<td>August</td>
<td>544</td>
<td>595</td>
</tr>
<tr>
<td>September</td>
<td>564</td>
<td>726</td>
</tr>
<tr>
<td>October</td>
<td>606</td>
<td>866</td>
</tr>
<tr>
<td>November</td>
<td>539</td>
<td>734</td>
</tr>
<tr>
<td>December</td>
<td>339</td>
<td>515</td>
</tr>
<tr>
<td>January</td>
<td>501</td>
<td>601</td>
</tr>
<tr>
<td>February</td>
<td>686</td>
<td>716</td>
</tr>
<tr>
<td>March</td>
<td>693</td>
<td>950</td>
</tr>
<tr>
<td>April</td>
<td>596</td>
<td>766</td>
</tr>
<tr>
<td>May</td>
<td>646</td>
<td>692</td>
</tr>
<tr>
<td>June</td>
<td>721</td>
<td>607</td>
</tr>
</tbody>
</table>

**TOTAL TRANSACTIONS COMPLETED**

- **July 1978-June 1979 -- 7,434**
- **July 1977-June 1978 -- 10,359**

**TOTAL TRANSACTIONS**

- **July 1978-June 1979 -- 10,518**
- **July 1977-June 1978 -- 13,975**
INTERLIBRARY LOAN OFFICE ANNUAL REPORT FOR JULY 1978-JUNE, 1979

In July, 1978, we began counting our statistics manually, which takes less time and reduces cost. Our average monthly borrowing from Consortium libraries was 65 items, borrowing from CRL 18 items and lending to Consortium libraries 91 items. Special statistics counts were (a) 109 items supplied from September - December, 1978, to replace lost books; and (b) 812 borrowing requests returned to patrons for various reasons from January - June, 1979.

We had to call the TWX repairman three times during the year, because the dial wore out and was replaced, the machine skipped letters, and a short in the wiring caused fuses to blow out.

In November, Technical Services gave us space in Room 169, next door, which we use mainly for Lending transactions. Room 168 is our Borrowing headquarters. After a year of persistence, we were happy to have two chairs re-covered.

In February the Acquisitions Dept. decided that they didn't have the staff to open packages and return materials to the mail room, so we've had those jobs added to our busy schedules.

On April 18, 1979, we began use of the OCLC/ILL sub-system. We've used it as much as possible from mid April through June since we weren't charged then for requests. We've been well satisfied with results, although changes could be helpful in some areas. We're presently scheduled at the Serials and Technical Services printers until, hopefully, we can get our own. We use the Reference/ILL terminal as much as possible, but Technical Services has also scheduled times for us since OCLC is very demanding.

In July, 1978, the temporary part-time CS III and LTA I positions became permanent, and Denise Warren was selected to fill both positions. Cynthia Sanders resigned the CS III permanent full-time position suddenly on July 21st, and was replaced on August 8th by Hira Bhojani. On November 6th Hira transferred to Catalog Records and Theresa Lopez replaced her.

Denise Warren resigned her two positions on April 16th in order to pursue her studies in the English doctoral program. On June 13th and 14th Ed Padilla and Dorothy Wonsmos interviewed 11 people for the CS III and LTA I part-time permanent positions to replace Denise. Theresa Lopez was selected to fill both positions.

Work study student Mary Manchester left in September, and Imelda Martinez replaced her.

In July, 1978, Dorothy Wonsmos served on jury duty. On September 29, 1978, Dorothy attended the Southwest Academic Library Consortium ILL workshop held in El Paso, Texas, and on April 12, 1979, Denise Warren and Dorothy Wonsmos attended the OCLC/ILL sub-system workshop held her in Zimmerman Library.

Dorothy Wonsmos
Interlibrary Loan Librarian
I. General Departmental Information

A. Significant achievements during the academic year, 1978-79

This was a year of transition for the Reference Department. Major organizational changes within the Library had great impact on the department. Organizational plans for the coming year will have equally long-range effects on the department. Improvements in service, selection of materials and communication with the teaching faculty have already been realized as a result of these changes, and the future of the Reference Department looks excellent.

It was also an interim year for the department. Chosen as one of three participants in the Council of Library Resources' Academic Library Management Internship Program for 1978/79, Reference Department Head Sandra Coleman began a one-year leave on August 4, 1978, for internship at Stanford University. Zanier Lane acted as Head during her absence.

The Library-wide reorganization of selection responsibilities in January 1979 strengthened reference service and selection capabilities. Mary Ellen Hanson, Diane Papstein, Alicia Tjarks, Dorothy Trester, and Kathy Costa joined the Reference faculty at that time. In addition to their selection responsibilities, they assumed responsibilities for reference, library instruction and orientation, and some online searching. The Reference Department has been greatly enriched by their expertise and fine service attitude. At the same time, librarians already in Reference assumed selection and liaison responsibilities. With responsibility for collection evaluation, collection shaping, and liaison with academic departments, selectors in Reference now have the
opportunity to improve all areas of reference service and to develop a better
campus-wide awareness of the availability of these services.

During Semester I, 1978-79, the Reference Department began a study of
selection policy statements, with the goal of finishing a departmental selec­
tion policy which was in draft form. This effort was not continued after the
reorganization of selection activities. It should be readdressed in the coming
year. During the transition period, subject selectors for the general collec­
tion have assumed selection responsibilities for reference materials in coopera­
tion with Selection Coordinators and the Acting Head of Reference. Reference
selection decisions are now based on a more comprehensive understanding of the
entire Library collection and on more direct contact with academic departments.
The efforts of Fran Oscadal and Diane Papstein in reviewing, weeding, and
acquiring new reference materials in the Social Sciences are especially note­
worthy, as well as the careful attention given Education materials by Judith
Bernstein and Mary Ellen Hanson.

Reference librarians have also been deeply involved in the very time-con­
suming Serials Reconciliation project, a systematic evaluation of all subscrip­
tions and standing orders. Reference continues efforts to place appropriate
materials on standing order which were previously acquired through the approval
plans.

Fiscal statistics for academic year 1978-79 show a total of $81,006.31
for Reference serials (standing orders - $29,571.53; subscriptions - $51,434.78). This is an increase of 64 per cent over last year, due in part to Reference
efforts to identify appropriate standing orders and also to increase in serial
prices. As of June 18, 1979, $21,028.36 had been spent and $9,146.55 had been
encumbered for Reference monographs and sets.

The reorganization, coupled with unexpected staff turnover, resulted in
numerous personnel changes during the year. Sixteen people were appointed to
the Reference Department (eight as transfers from other departments within the Library) and eleven people were separated from the Reference Department (one as a transfer within the Library). Much of the Acting Head's time was involved in personnel matters: interviews, job descriptions, office space, schedules, evaluations, and reassignments of responsibilities. Some Reference faculty were seriously overburdened by selection responsibilities in addition to other major responsibilities. Efforts are continuing to identify and alleviate such situations.

Reference faculty members held the following responsibilities during 1978-79:

<table>
<thead>
<tr>
<th>Acting Head of Reference</th>
<th>Zanier Lane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Acting Head</td>
<td>Bea Hight (July 1, 1978 - December 31, 1978)</td>
</tr>
<tr>
<td></td>
<td>Dorothy Trester (January 1, 1979 - June 30, 1979)</td>
</tr>
</tbody>
</table>

| Ethnic Studies          | Gilda Baeza |
| Government Publications | Bill Olbrich |
| Index/Microforms        | Linda Lewis (July 1, 1978 - December 31, 1978) |
|                         | Fran Oscadal (January 1, 1979 - June 30, 1979) |

| Maps                     | Carol Hutchins |
| Library Instruction      | Judith Bernstein |
| Online Search Service    | Ellen Robertson |
| International Programs Liaison | Alicia Tjarks |
| ERIC Coordinator         | Mary Ellen Hanson |

After January 1, 1979, Reference faculty assumed the following selection responsibilities under the direction of Acting Assistant Dean for Library Collections Dora Biblarz. Selection responsibilities for subject areas not indicated on this list are held by Library faculty outside of the Reference Department.

Selection Coordinator and Selector for Education: Mary Ellen Hanson

Selection Coordinator for the Social Sciences:
- Economics, Sociology: Diane Papstein
- History, Political Science: Diane Papstein
- Ibero-American History, Political Science, Sociology and Anthropology: Fran Oscadal
- Anthropology: Alicia Tjarks
- Ethnic Studies: Ellen Robertson
- Government Publications: Gilda Baeza
- Bill Olbrich
During Semester II, 1978-79, Kathy Costa completed a much-needed survey and analysis of audiovisual software and equipment available in the UNM General Library. She prepared a computerized list, IAHI, Information Aids, Hardware, which includes all viewing and listening equipment except microform readers. She also prepared a written analysis of audiovisual software.

Time use statistics were compiled by each member of the Reference Department during one-week periods in July, September, and October 1978. They have not been analyzed; however, a comparison with similar statistics compiled during the coming year will indicate some of the changes which may have occurred in Reference time use as a result of the reorganization of selection activities.

Changes in Reference personnel intensified the need for a departmental training program. Some progress was made, but much remains to be done. New Reference faculty were teamed on a one-to-one basis with experienced reference librarians for individuals orientation to the department. Guidelines for Reference Services, a valuable summary of department procedures, priorities, and policies, was drafted by Bea Hight and completed in final form by a committee of Dorothy Trester, Dubra Padilla, and Bea Hight, chair. Excellent staff training programs were developed by Bill Olbrich for Government Publications, and by Fran Oscadal for Index/Microforms. Gilda Baeza and the Ethnic Studies staff prepared an Ethnic Studies Manual and Guide for Patrons.
Inventories of the reference collection on First Floor, Ethnic Studies, and the Index Area were completed and replacement decisions were made. Reference participated in a Library-wide collection count supervised by Administrative Services in January. The results of the count for Reference (including First Floor, Ethnic Studies, Index Area, and Government Publications L.C.-classed reference; excluding Maps and Government Publications) showed:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Book format</td>
<td>19,522</td>
</tr>
<tr>
<td>Microfiche (including microcards)</td>
<td>727,453</td>
</tr>
<tr>
<td>Microfilm</td>
<td>52,466</td>
</tr>
</tbody>
</table>

Reference capabilities were enhanced by the addition of an OCLC terminal in the first floor area. Shared with Interlibrary Loan and with first priority assigned to their needs, it is used primarily by them. As Reference and patron use increase, a second terminal will become necessary. Dorothy Trester, in cooperation with the Bibliographic Control Department, arranged a training program for Reference staff with follow-up individual training sessions. The terminal is being used increasingly for citation identification, selection considerations, and information on recent acquisitions. As more and more of our Library holdings are added to the data base, Reference and patron use will increase.

Two major proposals by Assistant Dean for Readers' Services Alice Clark, approved by Executive Council for implementation in 1979-80, will have important effects on the Reference Department.

1. The establishment of a Government Publications Department which will also include Maps. This will emphasize the importance of the Library's regional depository collection, strengthen staff and services, and simplify administrative procedures. While separate from the Reference Department, it is expected that close cooperation between the departments will be maintained.
2. The creation of a position of Assistant Ethnic Studies Librarian within Reference. This will provide for the further development of the collection of Ethnic Studies materials and the outreach service activities of that section, at the same time allowing Gilda Baeza more time to devote to Biology/Chemistry selection-liaison and to online searching in the sciences.

LIBRARY INSTRUCTION

Reference statistics show a total of 6,482 students received library instruction during 1978-79. Of these, 5,968 (approximately one-fourth of UNM enrollment) were undergraduates, 403 were graduates, and 111 were upper-level high school students. All reference librarians participated in the program which reached 300 separate groups representing 39 different UNM departments or special programs.

As coordinator for the program, Judith Bernstein admirably handled the complicated scheduling, reporting, and planning involved in the program. August, September, October, and April were the periods of greatest demand.

A revision of the Library's Policy on Library Instruction, Orientation, Tours and Demonstrations was prepared by the Reference Department and approved by Executive Council, October 9, 1978. Departmental procedures were written in January, 1979. Selectors are urged to develop new library instruction programs in consultation with appropriate faculty and to make suggestions for the improvement of ongoing instruction. It is the responsibility of subject selectors to develop instructional materials in their subject areas; however, other reference librarians may be called upon to assist in teaching courses with many sections. Scheduling for instruction is handled through the coordinator for library instruction to avoid conflicts.

Space for library instruction programs remains a vital concern of the Department. In January, Executive Council re-keyed room 127G and the far Southwest entrance to the building to allow Reference access to the classroom. It will be
available for library instruction until remodeling of the building makes other space available.

In addition to library instruction for classes, the Reference Department continues to provide general orientation tours for new Library staff, visitors from other libraries, and community groups.

ONLINE SEARCH SERVICE

At the beginning of Semester I, 1978-79, the General Library, after consultation with the College of Education, stopped providing ERIC/GANDALF searches via the on-campus computer and began to provide higher quality online access to the ERIC data base. This is offered as part of the online search service which now accesses more than 70 data bases. Free demonstrations of online searches are available for classes upon faculty request. The General Library continues to purchase ERIC tape updates to be maintained by Data Processing, and teaching faculty may arrange for their students to conduct ERIC/GANDALF searches of these tapes through campus terminals available for student use.

Ellen Robertson serves as Coordinator for the Online Search Service. During this second year of service, she revised procedures, announcements, request forms and bills. An Online Search Service Policy was proposed and approved by Executive Council, effective August 21, 1978.

An analysis of 248 searches run between August 21, 1978, and April 6, 1979, provided the following usage information:

<table>
<thead>
<tr>
<th>Group</th>
<th>Usage Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate students</td>
<td>51.6%</td>
</tr>
<tr>
<td>Faculty</td>
<td>25.4%</td>
</tr>
<tr>
<td>Undergraduates</td>
<td>14.5%</td>
</tr>
<tr>
<td>Staff</td>
<td>5.7%</td>
</tr>
<tr>
<td>Other</td>
<td>2.8%</td>
</tr>
</tbody>
</table>

During 1978-79, 46 different University departments, special programs, or administrative offices used the search service. Of these, some used the service far more than others:

<table>
<thead>
<tr>
<th>Department</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Education</td>
<td>46.0%</td>
</tr>
<tr>
<td>College of Arts &amp; Sciences</td>
<td>29.2%</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>3.2%</td>
</tr>
</tbody>
</table>
College of Fine Arts 0.5%
School of Architecture 2.0%
School of Management 4.5%
Division of Public Administration 0.8%
School of Medicine 3.6
Other 7.0%

A continuing staff training program is vital to an effective online search service because of complex data bases and rapidly changing technical capabilities. Coordinator Ellen Robertson has developed a basic training program for new searchers. During 1978-79, experienced searchers attended Lockheed Advanced Users' Conference, Chemical Abstracts Workshop, New York Times Advanced Training, BRS Training, BIOSIS Advanced Training, Engineering Index/COMPENDEX Training, and ERIC Workshops.

In addition to Lockheed/DIALOG, SDC/ORBIT, and the New York Times Information, the service now accesses BRS through AMIGOS.

MAP ROOM

After two years of excellent service, Judy Geitgey resigned in July 1978 to move from Albuquerque. Carol Hutchins was appointed administrative coordinator and selector for maps. In August, Peter Ives was employed as LTA II with responsibility for service and map processing. Reference statistics understandably show some decrease in use and processing during this transition year.

Carol Hutchins is preparing a separate, detailed report on the Map Room for use in the transfer of the section from Reference to the new Government Publications Department.

ETHNIC STUDIES

Access to Ethnic Studies information was improved and outreach activities were increased during this year. Staff changes following the resignation of Debi Kane and Maurice Thompson hindered the section in the fall; however, the situation stabilized when Wilson Belvin and Archibald Sawyer joined the staff in December.
Revision and correction of the card catalog was completed and a new list of Ethnic Studies subject headings was prepared. An inventory and verification of the contents of the Chicano Periodical Microfilm Collection purchased by SWALC from UC-Berkeley was also completed. A survey and inventory of Ethnic Studies newspapers in storage at UNM resulted in a plan to move them to storage in Zimmerman, where they will be more accessible to users. A physical rearrangement of the section resulted in more effective use of space and a more attractive area. Monthly displays were timely and interesting.

Materials were prepared to aid staff and users:

- Ethnic Studies Manual and Guide for Patrons
- Ethnic Studies Card Catalog Maintenance Manual
- Bibliography of Maps Relating to Ethnic Studies (prepared by Cathy McCaffrey)
- List of Chicano Organizations in New Mexico (prepared in cooperation with the UTEP editor of in-progress List of Chicano Organizations in the U.S.)
- Bibliography of Criticism of Rudy Anaya (prepared for inclusion in a bibliography of criticism of contemporary Chicano literature to be published by Dr. Ernestina Eger, Carthage College, Wisconsin)

Specialized instruction was provided for ethnic-related classes such as La Mujer Chicana, Indians in a Multicultural Setting, Southwest Indian Life-styles, and Current American Indian Problems. Gilda Baeza also participated in the Native American Studies Center's Research and Term Paper Workshop and in the "Seminar on Economic Development in Indian Reservations in New Mexico", co-sponsored by the Center and the All-Indian Pueblo Council. Outreach activities also included orientation services for the Law School's paralegal program for Native Americans, the College of Engineering's minority recruitment programs, and special tours for outside groups such as the Crown Point Navajo high school students.

Gilda Baeza is now completing a selection policy statement for Ethnic Studies materials and planning for the transfer of some responsibilities to the new Assistant Ethnic Studies librarian.
Heavy student use of the Index/Microform Area continues to increase, due in part to the emphasis on these materials in the library instruction programs. An indication of this use is that the total of microform pieces used during 1978-79 reached a record high of 39,070, or 22.4% of the previous total. Additional student help is needed to handling shelving and filing. Fran Oscadal wrote an excellent justification for the use of student assistants in the area; however, when given the choice of one student assistant or three work-study students, it was necessary to opt for extra people.

Remodeling of the Microform/Index Area remains a serious need of the Reference Department and should be the first priority effort for 1979-80. Funds were not available in 1978-79 to carry out the plan for remodeling prepared by Sandra Coleman, Miriam Woodward, Linda Lewis and other members of the Reference staff. With slight revisions by them, the plan should be implemented as soon as possible this year. Renovation of the area is essential for expansion of the collection, security, and patron convenience.

After a year of keeping use statistics for ERDA and NASA microfiche reports by 5-year increments, Miriam Woodward reports that while the greatest demand is for the most recent decade, the steady use of older reports makes it impractical to store them in a less accessible area.

Linda Lewis and Bill Olbrich were members of a committee which revised the Library's Microforms Policy and Procedures. The revision was approved by Administrative Council in the spring.

Acquisition of microform pieces was slightly down during 1978-79 -- 51,484 compared to 56,300 in 1977-78.

A major shift of microfilm newspapers was completed during Christmas break, putting the newspaper film roughly where it will belong when cataloged. A smaller shift interchanged boxes of micro-print and Biological Abstracts for easier patron access to the Abstracts.
Use statistics show heaviest use of the area in April and November.

GOVERNMENT PUBLICATIONS

A long-standing goal was reached with the decision of Executive Council to establish a separate Government Publications Department in 1979-80. This decision will be implemented with the appointment of a Department Head.

Adequate space and staffing are continuing problems within the documents section. The staffing problem was somewhat alleviated this year with the assignment of other reference staff to the documents reference desk. Also, temporary employees Grace Hsu, Reference librarian, and Beverly Moreno, LTA II, were assigned to Government Publications during Semester II for all hours when they were not on desk duty. Assisting Sue Peattie, Beverly Moreno contributed to near completion of reclassification of census reference materials. Grace Hsu worked on reconciliation of documents serials records.

All government publications reference materials were rearranged into call number order and a reference checklist was completed. The reclassification of all reference materials is largely completed. Completion of a full government publications shelflist and an inventory of the entire SuDocs collection are not yet finished.

Ending of temporary contracts for Beverly Moreno and Grace Hsu, coupled with maternity and annual leave for Linda Torres revived staffing problems in the section.

Equally as critical, if not more critical, are space problems in the section. Documents librarian Bill Olbrich prepared an analysis of this situation which was reviewed by Administrative Council on October 18. At that time, Dean Vassallo appointed a committee chaired by Dora Biblarz to study the long-range future of Government Publications. With the decision to establish a Government Publications Department, the considerations of that committee are pending the appointment of a Department Head.
OCLC-produced cards for selected government publications have been added to the public catalog during 1978-79. This decision was reached in a meeting with Assistant Deans Lester and Clark. A meeting with the Serials Department identified problems and resolved procedures related to the processing and reclassification of government publications serials.

Documents librarian Bill Olbrich's dedicated commitment to reference service and the inclusion of government publications in library instruction programs contributed to increased usage in the section. Documents reference questions increased by 14 per cent during 1978-79, from 6,767 to 7,725. At the same time, the percentage of general information questions in the Government Publications section dropped, hopefully due to a better informed user community.

The acquisition of printed materials increased from 28,082 to 30,696 (9.3 per cent), and microfiche acquisitions increased by 20.2 per cent (from 25,697 to 30,879). These figures indicate that support staff for processing and service, and space for microfiche, will be major considerations of the new Department.

Documents librarian Bill Olbrich received a UNM Research Allocations Grant to study the use of government publications in six New Mexico institutions of higher education.

B. Significant plans and recommendations for the near future

1. Remodeling, relocation of shelves and cabinets, rewiring of equipment in the Index/Microform Area for expansion of the collection, security, and patron convenience.


3. Reference staff training program.

4. Revision of hand-out materials, tip sheets, etc., and consideration of point-of-use instructional aids.
5. Improvement of Reference telephone system and renovation of Reference carrel/office/work area.


7. Online search service: study of costs and fee structure, and promotion in Engineering and other departments where use has been low.

8. Consideration of student assistantships in some areas of Reference.

9. Planning for service during periods of peak use as identified in use statistics.

For the consideration of the Head of Government Publications:

1. Space.

2. Staffing.

C. Appointments to staff

Judith Bernstein Reference librarian, temporary, full-time September 1, 1978

Grace Hsu Reference librarian, temporary, full-time September 1, 1978

Eulynda Toledo LTA I, Ethnic Studies, permanent, part-time August 21, 1978

Peter Ives LTA II, Maps, permanent, full-time; transfer from LTA I, CETA, Government Publications August 21, 1978

Linda Torres CS III, Government Publications, August 21, 1978 permanent, full-time; transfer from CS II, Administrative Services

Francis Oscadal Reference librarian, permanent, full-time September 15, 1978

Beverly Moreno LTA II, temporary, part-time November 15, 1978

Archibald Sawyer LTA I, Ethnic Studies, permanent, part-time December 11, 1978

Wilson Belvin LTA I, Ethnic Studies, permanent, part-time December 12, 1978

Kathy Costa Reference librarian, permanent, full-time; transfer from Collection Development January 3, 1979
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<th>Position</th>
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<td>Mary Ellen Hanson</td>
<td>Reference Librarian, permanent, full-time; transfer from Collection Development</td>
<td>January 3, 1979</td>
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<td>Diane Papstein</td>
<td>Reference Librarian, permanent, full-time; transfer from Collection Development</td>
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<td>Alicia Tjarks</td>
<td>Reference Librarian, permanent, full-time; transfer from Collection Development</td>
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<td>Anna Broussard</td>
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<td>Carolyn Davis</td>
<td>LTA II, permanent, part-time; transfer from Serials Department</td>
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<td>Judy Geitgey</td>
<td>LTA III, Maps, permanent, full-time</td>
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<td>Maurice Thompson</td>
<td>LTA II, Ethnic Studies, permanent, part-time</td>
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<td>Erba Cordell</td>
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<td>Rex Hopson</td>
<td>Reference Librarian, permanent, full-time; transfer to Bibliographic Control Department</td>
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<td>Eulynda Toledo</td>
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<td>Debi Kane</td>
<td>LTA I, Ethnic Studies, permanent, part-time, and LTA II, Reference, permanent, part-time</td>
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<td>Judith Bernstein</td>
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II. Composite of information on individual biographical supplements

1. Advanced study

Costa - History of Latin America, Spring 1978
Contemporary Native American Literature, Fall 1978

Hutchins - Geology 101, Spring 1978
Geography 380L, Fall 1978

Trester - Socio-Biology (audit)

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.

Coleman - Council of Library Resources Academic Library Management Internship Program, August 1978 - September 1979, Stanford University

Tjarks - Travel in England and Spain

Trester - Travel in Connecticut and Texas

Baeza - California, visits to Chicano Studies library collections

3. New scholastic honors, fellowships, etc.

Coleman - CLR Academic Library Management Internship Program - chosen as one of three participants

Hanson - HEA Title II, Librarian as Manager Institute, Emporia State University, participant

Tjarks - British Council, travel grant - visits to Latin American Centers and Latin American Collections in the United Kingdom

General Library Professional Enrichment Awards - Hanson, Trester

4. Publications


Olbrich - Book reviews in Serials Librarian.

5. Other research projects or creative works in progress or completed

Hanson - "A Selected Bibliography of Sources on American Quilting and Patchwork", update in progress.

Hight - "Bibliography of New Mexico Novels", in progress.

Hutchins and Lane - Information retrieval section for introductory engineering text, with Dr. Edward Red.

Lewis - A biographical study of prominent New Mexican women, in progress.
Tjarks - Archivo del Dr. Rufino de Elizalde, 4 volumes, Buenos Aires, Editorial Universidad de Buenos Aires, volumes 5-6 forthcoming.


Tjarks - "Parish Records as Sources for Demographic Studies of the American Southwest", in progress.

Trestor - "Organic Synthesis Bibliography", prepared with members of the Chemistry Department faculty.

Baeza - Chicano periodical indexing project.

6. Activities in learned and professional societies

SALALM, 23rd Conference, University of London, July 1978
Tjarks - paper read on "Latin American Acquisitions from the United States"
Tjarks - SALALM Executive Board
   Chair, SALALM L/P/B/R Subcommittee
   Member, SALALM Acquisitions Committee
   Coordinator, 25th SALALM Conference, May 1980, Albuquerque

ALA Midwinter Conference, January 1978
Attendees: Costa, Tjarks
Tjarks - paper read on "Coping with Latin American Serials"

ALA Annual Conference, Chicago, June 1978
Attendees: Hutchins, Lewis, Robertson
Lewis - Member, ALA Reference and Adult Services Division,
   Council on State and Regional Groups

SLA, Annual Conference, Kansas City, June 1978
Attendees: Coleman, Hutchins

SLA Science/Technology Division
   Lane - Member, Nominating Committee

SLA Rio Grande Chapter
   Members: Hight, Lane, Robertson
   Friend: Trestor

ACRL Annual Conference, Boston, November 1978
Attendee: Olbrich

SELA/SWLA Conference, New Orleans, October 1978
Lane - NMLA representative to SWLA Project Council
   Pre-Conference Workshop on Professional Effectiveness

Project LOEX, 8th Annual Conference on Library Orientation and Instruction,
   Eastern Michigan University
Attendee: Hutchins

AAUP, New Mexico Chapter
Trestor - Secretary/Treasurer
Trestor and Lewis - AAUP New Mexico Conference, Las Cruces

AAUP National Convention, New Haven, Connecticut
Trestor - New Mexico delegate
AAUP, UNM Chapter
Trester - Vice President

NMLA Annual Conference, March 1978
Attendees: Costa, Hight, Lane, Lewis, Robertson, Olbrich, Baeza

NMLA Vice-President/Conference Program Chair - Lane

NMLA Legislative and Intellectual Freedom Committee - Baeza and Lewis

NMLA Documents Committee - Olbrich
State Documents Workshop (planning and presentation) - Olbrich

NMLA Federal Relations Coordinator - Lewis

New Mexico Mapping Advisory Committee - Hutchins

GALA Panel Participant on "The Speaker" - Baeza

Texas Library Association Annual Conference - Baeza

Seminario for Library Services for Hispanics, Tucson, Arizona - Baeza

University of California, Berkeley, Library School
Baeza - presented paper "Evaluation of Chicano Indexing Project"

7. Other professional activities

Olbrich - consultant to National Indian Aging Center

Olbrich - a talk on research collections in government publications, to New Mexico Genealogical Society
- a talk on technical report literature, to NEICA researchers

Papstein - taught Economics 239, UNM, Spring and Fall 1978

Robertson - consultant to librarian, DNA, Navajo Nation, Window Rock, Arizona, on organization of Indian Law Library

8. Non-teaching University service

Faculty Senate - Hight, Papstein
Lane, Spring 1978

Senate Undergraduate Academic Affairs Committee - Hight
Lane, Spring 1978

Committee of Five - Lane

Admissions and Registration Committee - Hanson
Subcommittee on Falsification of University Records - Hanson

Curricula Committee - Trester
Subcommittee on Anderson Schools of Management - Trester

Research Policy Committee - Lane
Subcommittee on Overhead Funds - Lane
UNM Press Committee - Lewis, Spring 1978

Latin American Task Force Committee - Tjarks

Search Committee for Coordinator of Women Studies - Papstein

Doctoral Dissertation Committee, Modern and Classical Languages - Tjarks

Doctoral Dissertation Committee, History - Tjarks

Faculty and Professional Women of UNM - Hanson, Lewis, Hight

UNM Faculty Club Christmas Party - Lane, chair

UNM General Library Council on Staff Affairs
  President - Lewis
  COSA representative to Administrative Council - Lewis

Library Committees
  Search committees:
  Art Librarian - Hanson
  Ibero-Cataloging Team Leader - Hanson
  Bibliographic Control Head - Hutchins
  Circulation Head - Trester, chair; Robertson
  Reference Librarian - Baeza, chair; Lane
  Serials Cataloging Team Leader - Hanson
  Parish Librarian - Olbrich

Ad Hoc Committee on Promotion - Trester, chair; Hanson; Tjarks

Ad Hoc Committee on Faculty Salaries - Trester

Faculty Requirements Committee - Hanson, chair; Trester

Microforms Policy Committee - Hanson, Lewis, Olbrich

Research and Publications Committee - Hight

Exhibits Committee - Hutchins

Minority Recruitment Committee - Baeza, chair; Robertson, Tjarks

Professional Enrichment Awards Committee - Tjarks, chair

Authority File Committee - Olbrich

9. Public service

Active Christian Singles, Advisory Board - Costa

Albuquerque Press Club, Planning Committee - Trester

Albuquerque Sister Cities Committee, Board of Directors, and Newsletter editor - Trester

Albuquerque Opera Guild - Lane

Amnesty International - Lewis
Beta Sigma Phi - Lewis
Corrales Library Volunteer - Papstein
Albuquerque Symphony Women's Association - Lane
Friends of UNM Libraries Booksale - Hanson, Lewis
League of Women Voters/Albuquerque/Bernalillo County
   Board of Directors and Voter editor - Hanson
   Urban Crisis Study Committee - Hanson
Newman Center, UNM, singing - Costa
Partners of the Americas, New Mexico Chapter - Tjarks
Santa Fe Opera Guild - Lane
REFORMA/El Paso Chapter
   Affirmative Action Committee - Baeza
Cub Scouts Den Dad - Olbrich
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I. General Departmental Information

A. Significant achievements during the academic year

Public Service

The development of a unified art and music reference area was made possible through shifting of materials that were reclassified from Dewey to LC. A reference and information desk was established with service from 8 a.m. to 5 p.m. and 6 p.m. to 10 p.m. This badly needed service proved to be most beneficial. The location is visible from the entrance to the library and many people were helped quickly since they no longer had to find someone to help them. Staffing the reference desk was accomplished in two-hour blocs by the full-time staff. No staff member worked more than 12 hours per week at the reference desk.

Before beginning the new service, Jim Wright and Nancy Pistorius conducted a 10-hour course for the full-time staff on the philosophy, bibliography and interviewing of reference service.

The creation of a special access (XX) area was made possible by the completion of remodeling of the balcony. The entire balcony was made a special access area, leaving the former special access area for rare book (X) material. This material is now adequately secure and access to the material can be controlled. This project was jointly funded by the General Library and the College of Fine Arts.

The Fine Arts Library orientation program was adequate. A total of nineteen different classes (311 students and faculty) were given orientation tours and lectures during the year. It had been hoped that an orientation/information packet would have been ready for the school year, but with the addition of the reference service, reclassification of the entire Dewey collection, and the relo-
cation of the special access material, the packet did not materialize. It is again planned for completion in 1979-80.

The staff continued its commitment to public service and the user survey described it as a success. It is rewarding to be able to give the special kind of service that is so necessary for a branch library.

**Technical Service**

Much of the time-consuming effort was devoted to technical service this year. Although the work is clearly technical service in nature, the results have helped provide much better public service.

The reclassification project of the Dewey 700's has been of tremendous benefit. The problem of trying to locate and explain the different classification schemes has been eliminated. The student shelvers have found their work much easier. Most important, though, is that now all material dealing with a specific subject is located in one place. Charlemaud Curtis and Nancy Pistorius coordinated this work excellently. All monographs were reclassed; the serials reclassification began with the General Library's serials reconciliation project and will continue through the next year. The only remaining Dewey materials are a few items in special access and rare material. These will need to be handled with special care. As a result of the reclassification project, the entire library collection had to be shifted to accommodate the reclassified material into the LC collection. This shift made possible the aforementioned unified reference collection and reference desk.

Credit needs to be given to Nancy Pistorius for initiating a complete inventory of the Fine Arts Collection. An inventory has never before been completed due to lack of personnel. Even though we still did not have adequate personnel, she proceeded with the inventory, which placed a considerable amount of additional work on her. The inventory is progressing nicely, is two-thirds complete, and will continue.
Sound recording cataloging completed a busy year; every sound recording in the library now has some method of access. Not every sound recording is fully cataloged, but they can all be identified and retrieved for use. Many very large sets were cataloged, including the Louisville First Edition recordings, the New World Records, Musica Antiqua Bohemian and Polonia, etc. A total of twelve of these large and time-consuming sets were fully cataloged. This work was hampered during the year by the loss of an LTA I (CETA) and a competent student. In order to make it easier to gain access to the 78 rpm collection, the recordings were arranged by company and company number. This made it possible to use record company catalogs to locate these old recordings.

The record company inventory was completely checked and a new file was created, using catalog cards, which makes it possible to more easily update the records.

The long-awaited work on the Fine Arts Library "vertical files" was begun and nearly completed. A work study student (who is a professional librarian) began sorting out the material and it was discovered that the material was mostly art exhibition catalogs. These were searched and, if appropriate, sent to be cataloged to add to the collection, or were sent to gifts and exchange.

Collection Development

Collection development activities have been mostly in the area of trying to find ways to maintain an adequate collection while, at the same time, spending less and less money for acquisitions. Refinements of all approval plans were made and the Light Impressions approval plan was eliminated. Noticeable cuts were made in the current serial list and more will be made shortly. The serials reconciliation project consumed a considerable amount of time, but worthwhile results are being seen.

This year approval books from Wittenborn and Worldwide Art Exhibition Catalog approval plans were placed on review in the Fine Arts Library office. Because not enough of the material was being rejected (all books were accepted if not
rejected), the procedure was reversed (all books were rejected if not accepted).

This procedure worked effectively and saved money, because the faculty chose
much more carefully.

Near the end of the year, several major purchases were made, including
the sixty volume set of *Symphony, 1720-1840* ($2,300), the twenty-one volume set
of *the New Grove's Dictionary of Music and Musicians*, $5,000 for purchases
of rare photographic books from the Charles B. Wood III collection, plus several
single items in photographic history. In sound recordings, three major complete
works were purchased, the complete Shostakovich symphonies, the complete Sibelius
symphonies, and the complete recordings of W. Gisieking.

I am sad to have to report that it appears the Bernice Frost Archive (well
known piano pedagogist) will not be coming to the Fine Arts Library. This loss
is primarily because of lack of communication during a period when there were
four different people responsible for the duties of the Assistant Dean for
Library Collections.

**Archive of Southwestern Music**

During December, 1978, it was decided that the Archive could no longer
exist without an index to the collection. Charlemaud Curtis began the gigantic
task of providing access to this most important sound recording collection.

During the indexing process many problems were found, such as incorrect record-
ing speeds, much mislabeling, no system to the shelving, etc., but by July 1
this collection was under control, and access can be obtained for each individual
item through the completed index. There are still bits and pieces to be cleaned
up, but the gigantic and important work has been completed. The collection is
now on the shelves in proper archival manner (by date of acquisition and alpha-
betically by collection), and card files have been established for collectors,
for each tape, and for all personal names found in the sound recordings.
Several major collections were added to the Archive, including:

1. 29 tapes; Jack Loeffler, collector; northern New Mexico Spanish music.
2. 15 tapes; Charles Briggs, collector; Alabados, etc.
3. 2 tapes; Charlemaud Curtis, collector; Senior Choir of Grant Chapel AME Church, Albuquerque.
4. 1 tape; Charlemaud Curtis, collector; San Luis Gonzaga Rosary and Procession, North Valley, Albuquerque.

Jim Wright prepared and was awarded a UNM-Research Allocation Committee grant ($4,648) for the purchase of sound recording equipment and travel money to investigate the possibility of recording on the Navajo reservation, White Cone Chapter. Merlene DuBre' was hired as a temporary Staff Assistant to work on this project. Ms. DuBre' was born and raised at White Cone; her father was a much respected trader there for 49 years. Because of this, immediate results were produced. Response from the Navajo people has been positive and warm. Letters of support for the project were obtained from the White Cone Chapter and from several important people of the Navajo tribal government. What was expected to be a small, short-term project is now growing into a large, many-faceted, long-term undertaking. At the conclusion of the year the Research Allocation grant expired and efforts were being made to provide additional funding from outside sources.

The audiovisual grant proposal mentioned in last year's annual report was unsuccessful. In the near future grant monies will need to be tapped in order to continue the ongoing work of the Archive of Southwestern Music.

General

Nancy Pistorius was active on the exhibition committee of the General Library. She was involved with three exhibits and designed the poster for the Frank Water's exhibit.
Charlemaud Curtis served as Program Chairman for the second annual Conference of the Music Library Association - Mountain Plains Chapter. The conference was held in Albuquerque with the Fine Arts Library as host. Jim Wright is Vice President/President Elect of this organization. The conference was attended by 29 music librarians from the 13 mountain plains states. The cooperation of the Music Department and the General Library was excellent.

Nancy Pistorius developed a written training procedure for students employed at the Fine Arts Library; it has been found to be very useful.

During July of 1978, the addition of green plants throughout the Fine Arts Library was made. The plants were donated by staff members of all libraries, by students, and friends. Although it may not seem important enough to include in an annual report, the plants have certainly changed the appearance of the Fine Arts Library, making it a nicer place to work and study.

Special mention should be made of the work program developed by the General Library with the New Mexico Department of Vocational Rehabilitation. The staff of the Fine Arts Library spent many long and hard hours working with one member of this program. Whether the program was successful in this case or not is not the concern. The experience was rewarding, frustrating, and soul searching. No segment of society can afford to overlook or neglect those needing help.

The Fine Arts Library has had four WORP (Work Opportunity Research Program) students working in the library. These students (high school) have been beneficial to our operation. One student is staying on with us for a second year and is becoming quite knowledgeable in library procedure.

B. Significant plans and recommendations for the near future

Inventory

Completion of the inventory will be particularly important for 1979-80; not only finishing the actual inventory but following through on all the problems discovered. These problems include: completing card sets for incomplete ones,
producing card sets where Fine Arts Library has none at all, updating the shelf list, withdrawing all missing material and reordering where necessary, and correcting mismarked material. The Technical Services Division was consulted before the inventory began and they have been very cooperative.

Sound Recordings

Since the Music Department is beginning to offer courses in folk music and music of the southwest, the cataloging of the folk music collection needs to be expanded to include analytics. This will be of considerable help to the users of this collection.

The need for establishment of a permanent full-time CS III for sound recording cataloging assistant and Listening Center supervisor has been adequately demonstrated through the CETA and temporary positions. It is recommended that this position be created as soon as possible.

New Mexico Artists' Archive

One of the areas of hard-to-find and frequently requested materials is that of artists of New Mexico. This archive will be a depository for as much material as is possible to gather concerning the artists of New Mexico. Under the direction of Nancy Pistorius, other interested libraries and individuals will be consulted in order to achieve the best possible access to this material and to make it available in one location.

Archive of Southwestern Music

At the end of the fiscal year, initial contact was made concerning the possibility of computerizing the index to the Archive of Southwestern Music. This would be a most valuable tool for the researchers since it would be able to produce the kind of information they need. It would also make it possible for the index to be on microfiche, available for distribution to other institutions. Funding will be sought for this project.
White Cone Project

Merlene DuBre' and Jim Wright will continue to work on the Navajo project with funding from outside sources. It is a long term project with several phases. The first phase, documenting the problems of surviving as a Navajo in the Joint Use Land area, will be completed in the next fiscal year.

Reclassification

Completion of the reclassification of the serials, special access, and rare books should be accomplished during 1979-80.

C. Appointments to staff

Nancy Pistorius
Assistant Fine Arts Librarian, Instructor
July 1, 1978

Ronnie Pitman
CS III, temporary full-time
January 8, 1979

Merlene DuBre'
Staff Assistant, temporary full-time
April 2, 1979

D. Separations from staff

Edward Taylor
CS II, permanent full-time, transferred to Bindery
August 15, 1978

Ronnie Pitman
CS III, temporary full-time
June 30, 1979

Luis Gallegos
LTA I, CETA full-time, transferred to LTA II, Acquisitions
October 2, 1978

II. Composite of Information on Individual Biographical Supplements

1. Advanced study

None

2. Travel

James Wright - Washington D.C. Library of Congress, Music Division;
National Archive, Sound Recordings; Smithsonian Institution, Sound Recordings
3. **Honors**

None

4. **Publications**

James Wright - Association for Recorded Sound Collections. *Bulletin. No. 11* (1978), Editor


5. **Research and creative projects**

James Wright - Continuing field taping of music of the southwest for the Archive of Southwestern Music

Nancy Pistorius - Reflections of a recent immigrant: visual studies of New Mexico landscapes; mixed media (work in progress)

6. **Professional societies**

James Wright - ARSC National Executive Secretary, board meetings and conference, Washington, D.C.

Greater Albuquerque Library Association, past president

Music Library Association, Mountain Plains Regional Chapter, Vice President/President Elect; attended first annual conference, Boulder, Colorado

New Mexico Library Association, Education Committee

Nancy Pistorius - ARLIS/NA Western Regional Conference, New Mexico delegate, October 26-30, 1978

7. **Professional activities**

James Wright - Talk, "Music of the Southwest", New Mexico Library Association Conference, Special Libraries Section

8. **Non-teaching University service**

James Wright - Radio Board

General Library Faculty Council

Faculty Senate
Senate Committee on Student Affairs and Extracurricular Activities

College of Fine Arts Library Committee, Chairman

9. Public service
   James Wright - Talk, "Music of the Southwest", Presbyterian Women
   Greater Albuquerque Chamber of Commerce, Cultural Committee

10. Personal information
    None
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| TOTAL      | 128,957    | 82,234      | 15,817  | 13,606*          |

* This figure is greatly reduced from the 1977/78 figure for two reasons:

1. The music appreciation classes (approximately 350 students) do their listening as part of the class instead of in the Listening Center.
2. Count is taken by actual request slips only. Previously, an estimate of the number of playing requests per slip was used.
This report will cover the important happenings and events that have transpired since the beginning of the White Cone Project. Before starting, it should be pointed out that what started to be a simple project has turned into a very large undertaking. The focus has changed for the immediate work, but the overall focus has not changed.

On February 9, Merlene DuBre’ and Jim Wright met to discuss the possibility of working together to record some Navajo ceremonies. Jim Wright, Director, Archive of Southwestern Music, had been trying for several years to locate a person who could help make contacts on the reservation for this purpose. Merlene DuBre’ was born and raised on the reservation (White Cone). Her father, Francis Powell, had been a most respected trader at White Cone for 49 years and was made a member of the Navajo Nation upon his retirement. She thus felt that she would have the necessary contacts and personal friendships with the People to make this work possible.

On March 7, we travelled to Show Low to meet with Mr. Powell and two Navajo people to discuss the method of making introductions. They advised that we be very patient and not push in any way. He who waits will receive. From Show Low we went to White Cone to meet Miller Nez, President of the Navajo Medicinemen Association. We were invited to attend a Kinaalda Ceremony that evening. While at the ceremony we met with Miller Nez. He invited us to the next NMA meeting to explain the project.

March 12 – Immediately upon return from this trip, Jim Wright prepared a grant proposal to be submitted (by March 15) to the University of New Mexico’s Research Allocations Committee. This grant was to provide money for the purchase of badly needed equipment and for travel to the reservation. The period of the grant was to be from April 1 to June 15, 1979. With the support of Deans McRae and Vassallo, the grant was one of three (out of 23) approved for support. The amount of the grant was $4,648.00.

The following equipment was purchased:

1. 2 Technics RS 686DS cassette decks
2. 1 Allen and Heath 6x2 audio mixer
3. 2 Electro Voice CL42S shot gun microphone systems
4. 1 Electro Voice RE 85 lavalier microphone
5. 2 Electro Voice PL 91 microphones
6. 2 Sennheiser headphones
7. 4 carrying cases
8. 4 microphone stands and stereo bars
9. cables, accessories, batteries, adapters, etc.

On April 11, we met with the Navajo Medicinemen Association at the Navajo Health Authority in Window Rock. They received our presentation courteously. They said that it was not possible to grant permission at that time, but perhaps the future would be fruitful. Ms. Ninibah Hufford translated for Merlene at the meeting. Afterwards, she talked to us and told us to contact Ruth Morgan Green at the ONEO (Office of Navajo Economic Opportunity) in Fort Defiance.
April 18 - Merlene met with Ruth Morgan Green at Fort Defiance. Ms. Green stated that there were already approximately 1700 tapes previously prepared. She also suggested that the most important thing we could do was to establish our sincerity, integrity, and trust to the People. She stated that this would take a long time and that if any worthwhile material was to be acquired it would take several years. We knew that she was speaking the truth. At this point, after many hours of serious discussion, we decided that we needed to reorganize our work, proceed at a much slower pace, and eventually the material would be made available. We decided that we should do something that would benefit the People as well as provide important documentation (although having nothing to do with music) for future historians and professional humanities scholars. The project has now developed into a three-step project: (1) documentation of the stories of the struggle to survive as a Navajo in a Joint Land Use area, (2) possible negotiation for copies of the already prepared tapes, and (3) continuation of the taping project (the 1700 tapes) to completion. (The taping project ran out of money before it was completed.)

May 11 - 13 - We travelled to White Cone to attend the White Cone Chapter meeting. Merlene presented our revised plan of taping the stories of the People of the White Cone area. It was warmly received and they stated this if a resolution was prepared that would vote and approve it. Immediately after our presentation to the chapter meeting, two people came up and asked-if-we would tape their stories and one lady handed us a written story. May 12 was spent taping the two interviews. As this was our first effort, we quickly realized that we needed to prepare a structured interview format so that important information would not be left out. We were invited to attend a Devil Way ceremony May 12 and 13; we attended and participated.

Upon return from this trip, we spent as much time as possible studying the Joint Land Use area and the dispute related to Federal rulings since 1882 and their effect on the Navajo and Hopi.

May 24 - 26 - We again attended the White Cone Chapter meeting to present the resolution. It was passed 59 to 0. We were told that they could not remember a resolution being passed without at least one dissenting vote. We were pleased. We conducted two more interviews. On the 25th, we met with Percy Deal, Executive Director of the Navajo-Hope Land Dispute Commission. He was extremely helpful in explaining the situation to us and prepared a large quantity of reading material for us. He offered us the assistance of one of his staff members (Dale Pete) as an interpreter whenever we needed one. This was extremely valuable to us, not only because we now had the services of an interpreter but also valuable because Dale Pete is from White Cone, is Secretary of the Chapter, and a life-long friend of Merlene's.

June 29 - July 2 - Merlene met with Percy Deal at Window Rock, then traveled to Jedito Wash to tape the visit of Congressmen Udall and Miller. They visited Navajo and Hopi homes affected by the land dispute. The next day, Congressional hearings were held at Winslow. Merlene taped the complete hearing, which presented witnesses from both the Navajo and Hopi positions.

The importance of the work accomplished thus far is not just in the acquisition of ten tapes, although they are tremendously important. What is more important are the contacts made with the People and the tribal government. We have established a broad base of support from the Navajo Nation which, if built upon, will make it possible
to continue our work for a long time, and even open up areas of research on the reservation to others from UNM. We are known as the people from UNM, and because we are gaining trust and integrity, it will help UNM's image. Chairman McDonald of the Navajo Nation was impressed that we were helping the people and particularly impressed because we were doing it without support from the Navajo Nation.

Where will this work lead? Research is a strange animal. One never quite knows where it will lead. The important things is to go with what is available, keeping the overall objective in mind, and working step-by-step as each event unfolds. I constantly keep in mind the over 600 items Edison invented while he was trying to reach his objective of providing light from electricity.

Our overall objective is to preserve and research Navajo ceremonial music, and particularly, how Navajo Singers are selected and how they are trained. The work so far has placed us in contact with several people who will be able to provide this information, when the time is right. In the meantime, the project is documenting a moment in human history that will be vital research material in years to come. The problem of relocation of people is a worldwide problem, and many similarities exist among the Palestinian farmers, the Viet Nam boat people, and the Navajo relocatees.

Attached are copies of resolutions, letters of support, and other material relative to the work of the White Cone Project.

JW&MB:1fl
Attachments
A RESOLUTION
PROPOSING SUPPORT FOR
THE ARCHIVE OF SOUTHWESTERN MUSIC AUDIO TAPE PROJECT

BE IT RESOLVED BY THE WHITE CONE CHAPTER (DISTRICT 7) OF THE NAVAJO NATION THAT:

Section 1. The Audio-Taping project of Merlene DuBre' and Jim Wright of the University of New Mexico shall be approved, supported and encouraged.

Section 2. The taping project shall consist of recording interviews with the people of the White Cone District concerning the personal problems entailed in living in a Joint Land Use Area. Additional emphasis shall be placed on recording their cultural history and their future concerns as they are faced with the erosion of their traditional lifestyle.

Section 3. One copy of the tapes will be placed at the University of New Mexico Archive of Southwestern Music with access to be restricted at the discretion of the White Cone Chapter and that the original tapes will be deposited with the White Cone Chapter.

CERTIFICATION

I hereby certify that the foregoing resolution was considered at a duly called meeting of the White Cone Chapter on the 24th day of May, 1979, and that the same was passed by a vote of 59 in favor and 0 against.

CONCURRED:

[Signatures of officers]
To Whom It May Concern:

We have heard much and many stories on the problems and concerns of the Navajo people within the Joint Land Use Area. They seek a reasonable solution, even though it's legal process is very complex.

Much have been emphasized on their closeness to the land and its cultural significance. As an overview, the Joint Land Use Area problem could have a bearing on PL 95-341, the Native American Religious Freedom Act.

I am in support of the taping project of Ms. Merlene Du Bre and Mr. Jim Wright of University of New Mexico, as stated in the Resolution approved by the White Cone Chapter (District) of the Navajo Nation on May 24, 1979.

Edward Tso, Director
OFFICE OF NATIVE HEALING SCIENCES
TO WHOM IT MAY CONCERN:

I offer my support and encouragement for the audio-taping project of Merlene DuBre and Jim Wright of the University of New Mexico. I understand that the project will involve the recording of stories of the people of the White Cone District of the Navajo Nation. I believe that this is a much needed endeavour and trust the integrity of this project. Communication of the current problems as well as historical and cultural stories must be transmitted to a wide audience before understanding and change can be accomplished. Furthermore, preservation of current and past history as told by the people can prevent incorrect interpretation of history in the future.

In my position as Director of Community Education for the D.N.A., I work with visual and audio communication and know the value and impact this form of media has on today's society. I wish the project success and hope that the goals of the project will come to fruition.

Sincerely,

Miller Nez, President
Navajo Medicinemen Association
Personnel


Deborah Wonn Butcher resigned the CS IV position in early December. Sabina Vanish replaced her for a short time, resigning in April. Christina Ross assumed the CS IV position after Sabina left.

Joanne Scheibman was promoted from the LTA I (CETA full-time temporary) position to the new LTA II permanent part-time position, effective July 1, 1979. The CETA position will not be refilled because of the short time (3 months) left in the federal government's funding year. The net effect of this change on staffing is a reduction of 20 hours a week.

Marsha Simonson resigned as head of Parish Library, effective August 31, 1979. A temporary replacement will be hired for the September - December period while a search committee seeks a new permanent head to begin January, 1980.

During this past year the library staff members have been energetic, creative, supportive and willing - individually and collectively; a better working group would be hard to find. A recently departed student employee summed it up for me, simply but superbly on her evaluation sheet:

I really enjoyed working at Parish. The people were great to work with and everyone enjoyed doing their work (most of it anyway).

Service

Circulation increased by 6% (from 34,200 to 36,200), and number of persons using the library increased 7% (from 148,700 to 159,500) during the year.

The monthly New Title List continued, with an expanded campus-wide distribution. ASM faculty members increased their use of the book notification
Several new services were added. A test file for students taking ASM courses and an audio-visual collection were established.

The indexes and abstracts in the reference area were segregated behind the reference desk for easier access. Additions of new equipment included a fiche reader with clear screen and a video tape deck.

Behind the scenes, numerous procedures (including reserves, fine notices, serials control, order files, reference serial check-in) were streamlined with the general result of improving service.

The staff expanded the journal display area from about 100 to well over 200 titles. The display area now includes all currently received titles except statistical and reference periodicals. This expansion provides the patrons with easy access to current periodical issues and makes the maintenance and control of the periodicals much easier for the staff.

With the addition of the temporary LTA I the library was able to expand reference service into the evening and weekend hours. The librarian also scheduled herself at the reference desk for two hours every morning (4 days a week) during the spring semester. This effort was only partially successful because of conflicting demands on her time, both in Parish and at Zimmerman. Scheduling of the other staff members at the desk during additional busy periods was even less successful because of the constant pressure of other patron demands.

The loss of 20 hours of staffing will be keenly felt in reference service. Parish Library desperately needs additional para-professional or professional reference staff during the academic year. Training work-study students in the very basic reference sources, as we are currently doing, hardly alleviates the problem.
The development of a library instruction program for ASM students began during the year. The librarian spoke at three orientations and delivered presentations in six classes, reaching a total of 400 students. The positive response to these efforts was gratifying, not only in comments received but also in a more sophisticated student patron.

**Collection Development**

The several inventory and bibliographic projects which began in 1977/78 continued to progress. The evaluation of the reference collection, a top-priority project, was completed; it included straightening out a long-standing looseleaf service "mess", weeding outdated material, and purchasing numerous new titles.

A major information gap was filled in with the establishment of order files for serial purchasing, subscriptions and standing orders, especially reference serials.

The book budget was expended by the April deadline. The librarian received considerable support in this effort from the ASM Library Committee members.

Only a small portion was expended for SUB's and STO's before an internal funding freeze became effective on January 1. Before the freeze, about 35 new SUB's and STO's were established, partly the result of a project which reviewed periodicals indexed in BPI and not in the library.

The 20% cut in the book budget for 1979/80 certainly will restrict efforts to maintain a quality current awareness collection. Furthermore, the almost total inability to institute new SUB's and STO's during the forthcoming year is a major blow to a subject area which relies heavily on periodical literature for current information needs.

In addition to selection responsibility for the various subject areas in
management/business, the librarian also was assigned selection responsibility for Public Administration, effective in June.

Parish Selection Project

In October the librarian received a "go-ahead" from the Administrative Council to develop a plan for reorganizing the Parish collection into a true business/management subject collection, rather than the arbitrary HD-HJ collection. The plan, approved in December, implements a major recommendation of the Parish consultant, Ms. Marion Smith.

The following blocks of the plan (copy attached) have been implemented:

1. The librarian conducts a weekly review of all incoming material (approval, gift, action review, standing order shelves) to determine appropriateness for the Parish collection.

2. Evaluation of the Dewey 650's and 380's will be completed by August.

3. The current periodical titles are reviewed as part of the Serials Reconciliation Project. Recommendations for location changes (either to or from Parish) are initiated and implemented when appropriate.

   All current periodical titles are on display.

4. The librarian defined the parameters of the reorganized Parish collection in a memo to the ASM Library Committee in April (copy attached).

   The title-by-title review of the LC collection will start in July with the HE's. The review will start with the HE's in order to quickly free up shelf space for an expanded journal display area and to accommodate incoming titles classed in A-HC. The actual transfer will occur in early August.

Space

The year began positively and ends pessimistically for Parish's space needs. The possibility of an ARCO Archive at UNM disappeared in early 1979
and with it went hope for a new Parish Library building within four or five years.

Static space confronted by an increasing student body and growing collection presents mounting problems for the library. Scarce seating space and people noise are constant dilemmas during the academic year. Insufficient shelving space is forcing the Parish collection to become increasingly current-awareness oriented. Necessary periodic shifting of older titles to Zimmerman fractionates a collection and has serious ramifications for patron access and use.

Conclusion

Parish Memorial Library has the potential for developing into a high quality business/management library. Its future development depends on adequate staffing, book budget, and space.
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- Corporation annual reports: 6166 HC; 19,594 MF
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Members of the ASM Library Committee

Marsha Simonson, Head, Parish Library

Reflections on the Parish Collection

I have been in Parish Library for almost a full academic year. In the past eight months I have developed opinions and reached conclusions about the present Parish collection and its future. Because I am beginning to operate on the basis of those opinions and conclusions, it is important that I share them with you now. I would appreciate feedback from you on the following discussion and recommendations.

It is also important that I communicate with you now because, as you know from the last Library Committee meeting, I expect the review of the present Parish collection to begin this summer. You, of course, will be involved in reviewing the parts of the collection supporting your area of expertise.

However, there are several subject areas in Parish that fall into no ASM faculty member's domain (or are only peripheral to it). I expect to be the major reviewer of those areas, along with the Library's Social Science Coordinator, and unless I develop a different strong sense of direction from the Committee, I will operate with my self-developed set of guidelines.

In addition to considering subject areas in the review process should be a consideration of chronology. The question of chronology is relevant because of the clear expression contained in the Collection Development Policy Statement, regarding current awareness, summarized below.

The Foundations

Before I get down to specifics, I need to note two considerations very influential in the development of my thinking about the Parish collection.

1) My thinking closely lines up with the Collection Development Policy Statement for Business and Management, approved by the B&AS faculty in 1976. Because I received no response to a query last fall regarding possible revision of the Statement, I assume that your thinking about the management collection has remained constant and, therefore, is in line with mine.

The Statement emphasizes, 1) a current-awareness collection that, 2) reflects and supports the course content of the management curriculum. I see these two points as being the major shapers of the reorganized collection.
2) With the approval of the Parish Selection Project by the library faculty and in line with the Parish consultant's report, there is now the ability to re-organize the present Parish collection into one that is clearly business/management oriented.

Despite this greatly increased flexibility in collection building for Parish (or maybe because of it) the realities of the UNM situation have to be recognized. Most of that reality has to do with insufficient funding for the library.

Insufficient funding means an inability to duplicate titles in Zimmerman, Law, and Medical with few exceptions. This reality is, indeed, harsh, considering the inter-disciplinary nature of the management curriculum. Not every title we would like to have shelved in Parish will locate here, especially if the content does not satisfy the criteria expressed in the Collection Development Policy Statement or if the title is central to other disciplines located primarily in Zimmerman. (Prominent examples of the latter include history, economics, psychology and computer science.)

On the other hand, with the new flexibility, Zimmerman titles can be relocated when more appropriate for the Parish collection. To illustrate: as part of a serials project in Zimmerman, I have recently requested that these currently received periodical titles be transferred to Parish: Atlanta Economic Review (Georgia State Business School publication), Arizona Business, Business Latin-America, Michigan Business Review. More relocations will occur in the future in line with the Parish Selection Project procedures and the Collection Development Policy Statement.

(At this point, it is appropriate to comment on my "philosophy" regarding the role of Parish Library at UNM. Parish is part of a system. A system means to me healthy cooperation and legitimate compromise. Rest assured, I will fight to the death when I believe that Parish's vital interests are being overlooked. However, I reject a "Parish - against-the-world" viewpoint. I will agree to let the interests of the larger system take precedence over those of Parish when, in my judgment, the facts demand it.)

Insufficient funding also means that the Parish management collection can never be more than a current awareness collection. A few figures for comparison: Parish Library contains about 41,500 volumes—less than one-fourth of which are only peripheral or unrelated to a management collection. The Jackson Business Library at Stanford still considers its collection to be current-awareness oriented, even though it has over 200,000 volumes. Happily, Harvard's Baker Library of 500,000 volumes is considered to be of research stature.

My point is: To try to attain research status for our collection or any part is, at best, an impossible dream, and, at worst, will result in a sure sacrifice of library support for the BBA and MBA programs.
Recommendations

With these foundations, I would like to make recommendations for reorganizing the Parish Library Collection.

Subject areas included: Subject to the comments above on location, material on the following subject areas should be included in Parish:

- Accounting
- Business Education (college level)
- Business Law
- Finance
- General Management
- Insurance
- International Business
- Management Information Systems
- Management Science
- Marketing
- Organizational Economics
- Personnel Management
- Real Estate and Urban Land Management
- Small Business
- Women in Management

These subject areas directly support the ASM interests.

Subject Areas Excluded: Titles in the following areas currently shelved in Parish should be retained selectively:

- Agriculture
- Business Education (below college level)
- Communications
- Economic Geography
- Land, Land Tenure, Land Reform
- Slave Labor
- Transportation
- Vocational Guidance and Rehabilitation
- Women (other than in business/management)

None of these areas is listed in Daniell's Business Information Sources, the comprehensive bibliography on business and management information. To my knowledge, the management curriculum does not include courses with this content. However, these areas are central to other disciplines.

By "selective" I mean that most of these titles would transfer to Zimmerman. However, where a book is directly relevant to business/management, it would be retained (for example, a title on agribusiness).

Chronology: Material strictly historical is not directly relevant to a collection emphasizing current awareness. (I do not include the classics in this statement.) This historical material cuts across many of the subject areas listed above but appears to concentrate in the labor area.
Sample titles include:

La Desamortization Espanola del Siglo XIX
El Derecho de Asociacion Obrera en Espana, 1839-1900
La Organizacion del Trabajo en Barcelona a Finer del Siglo XV
The Town Labourer 1760-1832
The British Working Class Reader 1790-1848
Popular Politics and Society in Late Victorian Britain: Essays

I believe that titles of this nature are very properly part of a history collection where they directly support the history curriculum. They could legitimately be transferred to Zimmerman, the discipline's primary library.

The above represents much of my thinking about the Parish Collection during the last eight months. I would appreciate your comments.

rb

c: Paul Vassallo, Dean
Alice Clark, Assistant Dean
Dora Biblarz, Assistant Dean
Diane Papstein, Social Sciences Coordinator
I. General Departmental Information

A. The Learning Materials Library officially became the Tireman Learning Materials Library as of July 1, 1978. We also began our first year as a permanent branch of the UNM General Library system, initiating a new program of service to the College of Education students and faculty, and to school teachers in the community.

Our first action involved space planning and relocation of curriculum materials to integrate them with the Library of Congress materials. Throughout July we worked on a scale model floor plan and in August, physically moved the shelves and the materials to the new arrangement. New shelving was installed around the perimeter to provide more space and to better secure the library. By September we were ready to send curriculum materials over to Zimmerman for reclassifying into Library of Congress. The process continued throughout the year. We now have approximately two-thirds of the collection finished. The procedure involves gathering the materials together, determining whether a series is complete, estimating the value of the item to the collection, designating a general Library of Congress class level, and assigning a grade level. All catalog records must be reconciled for each item also. In November we began sending our Carr materials to the Ibero-American cataloger. This will be a slow process, however, because of lack of staff on that cataloging team.

Some collection policies for Tireman were developed during the past year. I met with Leroy Ortiz and Miles Zintz, professors in the College of Education, to reorganize the Anita Osuna Carr collection. The Carr collection now houses all curriculum and children's literature materials in Spanish, Portuguese, and Native American languages, as well as those
languages in combination with English. Any K-12 materials that are used for teaching Spanish, Portuguese or Native American languages as a foreign language are located in the general Tireman collection. Carr catalog cards are integrated with the cards for the rest of the collection.

Our circulation procedures were formalized during this year. We will circulate to community people as well as students, faculty, and staff of the University. This enables us to serve the teachers in Albuquerque who use our materials heavily, especially the State Adoption materials. We have found we have few problems with this procedure. Most of our library users are extremely conscientious about returning materials.

Tireman continues to be an evaluation center for the State Adopted materials. We have set up internal procedures for processing these samples as they arrive. This past year, we have received books, kits, filmstrips and cassettes in the language arts, in bilingual education and foreign languages, and in teaching English as a second language. In April we began receiving the 1979-80 samples in social studies and reference.

We have done some major collecting in reference at Tireman. Basic indexes and bibliographies have received major emphasis, as well as selection tools for the librarian and our patrons. We also relocated some curriculum and selection periodicals from Zimmerman to Tireman to provide better access to these necessary bibliographic aides.

Throughout the year the staff has been offered orientations and tours to familiarize our patrons with our collection. We have received very favorable responses to these, and I feel they have done much to increase use of the library. We have given orientations for approximately 500 people throughout the year on a formal basis, and numerous informal tours as well.

Tireman has become a resource center for three on-site programs offered by the College of Education. The Gallup branch will be the home of an on-
site master's program in Elementary Education, and we will be involved in providing some materials to the program. A similar situation will occur with a Teacher Corps Program for teachers in the Chama area. We will also be exchanging some materials and offering our services to the College of Education to help establish a learning center at Zuni and at Ramah.

As our statistics indicate, the past year has shown a great increase in the use of Tireman Library. We are very pleased by the response to our innovations and by the cooperation we have received from everyone involved.

B. We still have need for more space. Future plans should involve a new building to house the collection. There is nowhere for the collection to grow and our present shelving is inadequate. In January, a count of the collection was done. Tireman has approximately 16,000 volumes and 1,500 audio-visual materials and we are adding new materials at a regular rate.

Security is another necessary consideration for the future. Security is non-existent under present conditions and this problem will have to be solved.

Although some studies have been made to develop a collection development policy for Tireman, a comprehensive policy for the collection within the greater education collection still needs to be written.

A continued effort to build a model curriculum collection and to promote use of the library is essential.

C. Appointments to staff

Linda Orgel, permanent Head Tireman Librarian, August 1, 1978.
## Department Libraries Statistics

July, 1978 through June, 1979

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* "Other" tallied separately from February-June, 1979. Formerly included in "student" category
** Evaluation Center materials tallied separately September-June. Formerly included in "book" and "nonbook" listings
+ Discharges counted only from November-June.
I. General Departmental Information.

A. Significant achievements during the academic year 1978-79.

The year 1978-79 was one of exploration, discovery, analysis, and evaluation for the Special Collections Department. A spirit of innovation was fostered, and a few innovations were cautiously implemented. The pace of activity in the Department increased. By the end of the period being reported, use of the Department by readers had increased markedly.

Judy Pence served as Acting Head of the Department during July and August 1978 and again during June 1979. Donald Farren assumed the post of Head of the Department in September 1978.

Collection Analysis. The present Head of the Department found upon assuming his post that, while the collections had grown up over the years as a product of considerable thought, ingenuity, care and devotion, and funding, there was at that point little sense of the history of the collections. Therefore efforts were immediately begun to recover some of this history. Many conversations were held with persons who were or had been in a position to know about the growth of the collections, and departmental and library files were searched. An extensive project of surveying and organizing gift files was completed. Simultaneously a structured program of collection analysis was begun.

Searching of standard bibliographies in a structured program of collection analysis established the essential information on which to base an evaluation of strengths and weaknesses. Analysis and evaluation of the collection has been and will be the subject of separate reports, and the program of collection analysis will continue to be pursued, but
it is appropriate here to summarize the net result of the investigations to date.

The collections of the Department, and by extension those of the General Library as a whole, can claim real distinction in several fields of coverage, New Mexicana and other Southwestern Americana. Certain important foci of strength exist outside those fields. The Department has, for instance, strong author collections of the printed works of Henry James and Edwin Arlington Robinson. Developing existing bibliographic strengths is one of the goals of the Department.

An integral part of the collection analysis accomplished during the past year was the inspection of Library holdings outside the Department. The entire general stack areas of Zimmerman and Parish Library were scrutinized. About two thousand important, rare, or precious books were found and were charged out to the Department to be considered for eventual transfer. (Meanwhile, the books may be consulted in the Department.) These books can be made the subject of a separate, detailed report. A sampling here of the gleanings, however, will give a sense of the results of this project. Among the books found in the general stacks were: extremely strong holdings of nineteenth-century Mexican materials; four seventeenth-century English imprints; a substantial and representative quantity of mid-nineteenth-century popular American fiction in original decorated bindings; and significant quantities of Western fiction and New Mexicana not duplicated in the Coronado or Anderson Rooms.

It is interesting and in some senses gratifying to contemplate the fact that the University of New Mexico Library is now old enough to have substantial treasures resting in its general stack areas. Doubtless other treasures remain unnoticed in the stacks. Aside from
the value of "rescuing" rare and precious books from the stacks, an understanding was gained of the strengths of the Library and their potential for supporting research. Much further analysis of the collections in the Department needs to be accomplished.

New Acquisitions. The year was bracketed by two highly significant acquisitions events. In the fall of 1978 the Frank Waters papers were acquired by gift of the author, and his collection of printed editions was acquired with the assistance of the Friends of the University of New Mexico Libraries and funding secured through the central administration of the University. This acquisition was the fruition of much earlier work, primarily on the part of the Dean of Library Services and it demonstrates the real commitment of the Friends to the welfare of the University library resources and the commitment of the central administration of the University to regional studies.

At the end of the year a special allocation of funds was assigned the Department to pursue acquisitions in the fields of Western Americana and maps. Although time was extremely short, the Department was in a position to take advantage of this opportunity because collection analysis had already been accomplished and because the human resources appropriate to the financial resources (prominent among them being our Honorary Consultant in Western Americana, Jack Rittenhouse) could rapidly be marshalled. The results of the program of acquisitions under the special allocation have been separately reported in detail. The essence of it was to fill in materials that were lacking in areas of already established strength. That is, no excursions into new fields were made.
What was accomplished exceeded even the most fond hopes at the beginning of the project, and the Library will henceforth benefit from having had this opportunity. The allocation was represented as the last opportunity to use bond issue money for these purposes. It was, in fact, the first use of bond issue money for retrospective purchasing of Western Americana (including New Mexicana) done as a result of a systematic analysis of Library holdings in the field.

The most immediately gratifying and broadly appreciated acquisitions event of the year was the assignment by the Friends of the University of New Mexico Libraries of part of the proceeds of their book sale to the acquisition by the General Library of three important New Mexicana. Acquired were Pedro Bautista Pino's Exposición Sucinta y Sencilla (Cádiz, 1812), the major source of information about New Mexico of its time; Zebulon Pike's Account of Expeditions (Philadelphia, 1810), the book that first excited national interest in the Southwest; and proofsheets of pedagogical and devotional printing in Keresan and English performed at Laguna Pueblo by Dr. John Menaul in the 1870's, examples of the extremely rare product of this Indian mission press that are probably unique in this form. These additions splendidly complement materials that were already in the collections. They are representative of the three dominant elements in the unique cultural composition of New Mexico, Hispanic, Anglo, and Indian. They have served as a basis for favorable publicity for the Library and the Friends.

Another outstanding acquisitions program was made possible by the ingenuity and persuasiveness and scholarly acumen of Professor of English James Thorson and by the support of Benita Weber as a member of the Research Allocations Committee. With the assistance of sub-
substantial funding from the Research Allocations Committee and supplemental funds from the English Department and the Library, we were able to acquire materials necessary for Professor Thorson's bibliographical analysis and critical edition of the famous English eighteenth-century novel *Humphry Clinker* by Tobias Smollett. These materials will join the General Library collections upon completion of Professor Thorson's work.

During the past year a New Mexico Approval Plan was instituted, funded with allocations transferred from the acquisitions budgets of Special Collections and Ethnic Studies. Due to the lateness of the establishment of the plan and preoccupation of the vendor with other of our acquisitions programs, the full force of the approval plan was not felt. However, it is expected that fuller advantage can be taken of it next year. Some tentative approaches were taken toward further building of an archive of southwestern writers. These explorations chiefly served to emphasize the fact that the scope and implications of this program need much more careful thinking through than has been possible at this point. The Library was approached about acquiring by gift a collection of early twentieth-century photographs of Albuquerque. Likewise, this approach served to emphasize, as did the arrival of the Bunzl Collection of photographs of Latin American subjects of ethnological significance, the need for carefully thinking through the scope and nature of our collections of photographic materials and the appropriate, respective responsibilities of the Special Collections Department, the Fine Arts Library, and the University Art Museum. A local title company offered to transfer to the Library a large bulk of material comprising
the printed base abstracts and associated files for outlaying areas of Albuquerque. After consultation with experts at the Law Library it was determined to refer the prospective donors to the State Archives as the more appropriate repository of such records.

Numerous gifts of materials were received. Among them were an early Cree-French dictionary from Professor Emeritus Robert Taylor; the working papers of Professor Emeritus Thomas M. Pearce's edition of the literary correspondence of Mary Austin from Professor Pearce; materials relating to the plaque installed in Cádiz in honor of Pedro Bautista Pino from Pino's lineal descendant Mrs. Concha Ortiz y Pino de Kleven; an extensive collection of the published writings of Professor Emeritus Archie Bahm from Professor Bahm; material of bibliographical interest from Jack Rittenhouse; a geological survey manuscript of the Four Corners Region from Frank Gorham, through the good offices of Professor Emeritus Vincent Kelley; miscellaneous printed and archival material from the New Mexico Historical Review; the files of a superseded Albuquerque senior citizens organization from the organization; the archives of the Rio Grande Chapter of the Special Libraries Association from the Chapter; and works of local historians.

During the year a portion of the books bequeathed to the University by the late Senator Clinton P. Anderson was transferred to the Library, and a bequest of money to house and maintain them was paid.

Direct service to readers. Emphasizing collections in annual reports of special collections departments can falsely overshadow what is the central activity of the department, that is, direct service to readers. Like all departments of the General Library, the Special Collections Department is totally service oriented.
From time to time the Department is called upon to and does respond to exceptional demands. During the final months of the fiscal year 1978-1979, for instance, the heirs of the Tomé land grant arrived in force to use records held in the Department. A non-professional clientele such as these researchers requires extensive assistance in the use of materials.

The staff finds these service demands stimulating and responds to them with enthusiasm. Numerous efforts were made during the year, as mentioned elsewhere in this report, to increase use of the Department. It was found in April that use of the Department has increased almost 50 percent compared to the previous year. Programs of outreach, interpretation, and publicity will continue in the future. Although various means can be used to stimulate use, the key to sustained use will always be user satisfaction with resources and satisfaction with direct service especially. Thus the prospect of over-straining the personnel resources of the Department, which staffs three reading rooms on two floors, may be imminent. As readership rises, security problems will also intensify, as mentioned elsewhere in this report.

During the past year the registration of readers and procedures for the copying of materials were regularized. These procedures are needed to secure and conserve the collections, but they also very usefully serve as a means of helping the staff to identify reader needs. That is, the registration process and copying requests often lead to reference interviews. A reliable, secure way of providing fine quality photo-reproduction of material in the Department, as distinct from reading copies for convenience, remains to be devised.
Education, Outreach, and Publicity. A total of 85 letters to faculty were sent outlining the collections and services available in the Special Collections Department. This was the first year that letters were sent to the summer teaching faculty. The response was gratifying. Ten faculty brought their classes to the department for a special orientation geared to their needs. Many other students contacted staff members individually upon the recommendation of professors.

Numerous memoranda and discussions with members of the Reference Department and other Library staff members were devoted to an effort to devise a tour policy for the Department that would allow an effective, integrated presentation of the resources of the Department and an orientation to its facilities with minimum disruption of readers.

Peer contacts with other institutions were fostered—with the Director of the Harwood Foundation in Taos, with the Curator of History and his staff at the Albuquerque Museum, with the Reference Department and central administration of the Albuquerque Public Library, with the Director and her assistants at the State Archives, with the staff of the University Art Museum, with the Director of the University Press, with the history librarian, curator of Photographic materials, and central administration of the History Division of the Museum of New Mexico with KOAT TV and "Action Line," and in cooperation with Director of Library Communications, with the directors of several museums, Maxwell, International Folk Art, Museum of New Mexico Fine Arts Division, and Wheelright.

During the past year the Head of the Department participated in discussions of the role that the Library might take in the establishment and maintenance of archives of records of Robert O. Anderson and archives of University of New Mexico records.
The Anderson Room and Meem area were opened for receptions held for New Mexico legislators, for participants in the New Mexico Writers Workshop, and for the Frank Waters reception. In addition, overall policy for the use of the Anderson Room was redefined.

The Department involved itself in the work of the Friends of the University of New Mexico Libraries by assisting with the pricing of books for the Friends book sale, by screening materials to be offered for sale, and by advising the board of the Friends on worthy acquisitions to be made with the proceeds of the sale. The Department welcomed the appointment of an Executive Director of the Friends.

The Head of the Department coordinated the Library activities connected with the course English 300, "Writers at Work," during which nine New Mexican writers visited campus and lectured on the process of fictional writing. Activities were coordinated with the Continuing Education Division, Instructional Media Services, and the Library Acquisitions, Circulation, and Reference Departments, and the Exhibits Committee. On extremely short notice the various Library departments rose to the challenge of compiling bibliographies, ordering books, processing them, and placing them on reserve.

Material from the Department was placed on display in the Ethnic Studies section of the Reference Department and at the University Art Museum. The exhibits shown this year were a tiny beginning of an effective program. The Department provided personnel and material in support of the activities of the Library Exhibits Committee; the Head of the Department served as chairman of the committee, and other members of the Department provided research services; material was supplied for exhibitions on the themes of Sports at the University of New Mexico, the
Zimmerman Library building, New Mexican writers visiting campus, and the Frank Waters collection. Small displays were mounted in the Bell Room for class presentations of dime novels and science fiction and for general presentation of new acquisitions. The discovery of materials in the collections this year, the intelligent and enthusiastic reaction to materials put on display, and requests received for exhibitions all point up the great potential that exhibits have for generating interest in the work of the Library and for serving as a useful form of public interpretation. At present the Library cannot exploit this potential because it lacks adequate, secure exhibition space. Adequate facilities will figure in plans for the future.

The Department received many distinguished visitors during the year. Visitors ranged from junior high school honor students to the rector of a Mexican university. Among the visitors to SPC were Carlos Cabrera Kábana, a descendent of Diego de Vargas; John Gaw Meem, important New Mexico architect and donor; Arthur Plotnick, editor of American Libraries, United States Senator Harrison Schmitt, librarians from other rare book collections, and nationally known rare book dealers.

Among the New Mexico authors visiting Special Collections this year were: Sytha Motto, Peggy Pond Church, Virginia Olmstead, Frank Waters, Marc Simmons, and John Kessel.

Processing and Bibliographic Organization. No amount of catalogues, guides, and check lists can adequately describe and record the resources of any special collections department. Necessarily, the best means of access to such materials is through a knowledgeable staff. Thus emphasis during the year was put on deepening and broadening the staff
members' knowledge of the resources of the Department. Major achievements in specific areas of processing and bibliographic control were made. Eighteen new archives were processed and significant material was added to eighteen other archives. Most notable of the new archives is the Frank Waters Collection. Personnel of the Department achieved results in other areas: recataloguing of countless numbers of the University Bulletin series and other university publications; rationalization of access to maps and atlases; maintenance of photographic materials; organization of pamphlet collections for use; preparation of subject guides; preparation of a guide to the materials in the Meem area; organization, processing, and screening of materials in the Meem area; and transcription of oral history tapes. Much of what was accomplished was due to excellent response to the Department's needs that was forthcoming from the Serials and Music Nonbook Cataloguing Teams and from the Catalogue-Records unit.

The collection was counted, and a figure approaching 30,000 items was recorded. The 30,000 figure comprises only catalogued book-like items and not the pamphlet collections, manuscripts and other archival materials, photographs, printed ephemera, oral history tapes, and microforms in the Department.

Intense use of the Departmental card catalogues, partly in connection with the active acquisitions program, revealed weaknesses of bibliographic control. In many instances, we had to go beyond the inadequacies of the card catalogues to check books on the shelves. Some books in the Department are represented only in the Anderson catalogue, some only in the Coronado catalogue, some only in the main public catalogue, and some in combinations of the preceding. Resolution
of these problems will figure in plans for the future.

Condition of the collections. The relatively benign climate of Albuquerque is chief among the factors that have maintained the collections in relatively good physical condition. The Special Collections Department, like the rest of the Library, therefore, faces an imminent rather than a critical problem of conservation and preservation. Now is the time, however, to face the problem before it assumes critical dimensions. Conservation and preservation are Library-wide problems, and in the long run the maintenance problems of the Special Collections Department should be viewed as a part of the Library-wide problem. But it is unrealistic to expect that the Library-wide problem can be adequately addressed in the near future. It is necessary now to address the problems of maintenance of materials in the Special Collections Department. A major goal for the coming year is a study and perhaps small implementation of a program of conservation and repair and atmospheric control.

During the past year special attention was paid to the protection of fragile materials. Marking procedures for rare books were carefully worked out with the Bibliographic Control Department, and a program of monitoring marking was instituted. The conservation and preservation problems of photographic materials were studied, and recommendations for this area will be forthcoming.

Security of the collections. Despite newly instituted procedures for more carefully registering readers and despite continuous monitoring of the reading room, books continue to be stolen from the Coronado Room. The unique and valuable materials in the Meem area remain without

The rarest and most valuable books of the Coronado Room were this year identified and reshelved in the Bell Room.
electronic area security, although the Library administration is committed to providing such protection when funds can be made available.

As efforts to promote use of the collections are increasingly successful, security problems will increase. However, the security of the collections is just one aspect of the larger problem of the facilities and equipment of the Department, which in turn must be considered as part of the twin problems of defining the mission and of setting the service posture of the Department.

**Facilities and Equipment.** The major achievement in this area of concern was the designation of one of the rooms in the Meem area for use as general meeting space under the control of the Administrative Services Department rather than the Special Collections Department. Under this arrangement it is no longer necessary to hold meetings in the main room of the Meem area, which more adequately and appropriately functions as research and museum space, and responsibility for control and access to meeting space is clearly defined as the responsibility of the Administrative Services Department. Considerable shifting of equipment was done in the Meem area, and some internal shifting of equipment was done on the second floor in order to enhance security and efficient use of space; plans for further shifting were drawn. Chief among the shifts on the second floor was a rearrangement of the microform area in the south alcove of the Coronado Room. A major project of rearranging the microforms was completed. With the help of 18 members of the Circulation Department the archive of the First National Bank of Santa Fe was moved from the lower area of the UNM room to Stack 3. At this time metal shelving on loan to SPC was transferred back to the Circulation Department. Flat storage capacity was increased, so some of the problems of maintaining material that requires flat shelving were relieved. A key check-out
system was also instituted. A fiche reader was placed in the Coronado Room to provide easy access to the Library serials fiche and other Library records in fiche form, to the evident satisfaction of readers and staff.

A problem of unauthorized access to the outer periphery of the stack areas was solved through the efforts of the Administrative Services Department. That department presently has under study the problem of emergency exit from the stack areas. Malfunctioning locks and latches continue to be an annoyance in the Bell and Anderson Rooms.

The most serious of the Department's problems that fall under the heading of facilities and equipment is that the capacity of the Bell Room and of the Anderson Room have essentially been filled, although material appropriate to those rooms remains in other areas of the library. This problem will be studied in the context of the larger problems of defining the mission and setting the service posture of the Department.

Organizational Structure. Two major changes in organizational structure affecting the Department were made in the past year. One was the addition of the Meem Collections and Meem area to the Responsibilities of the Department.

The other major change in organizational structure that affected the Department was the realignment Library-wide of collection development responsibilities. The new alignment presents serious impediments to the effective development of the collections in the Special Collections Department and of the broad areas of New Mexicana and Western Americana with which the Department is concerned. The Assistant Dean for Library Collections has been apprised of these problems and has them under consideration.

Finance. In a context of what should and could be done with fully adequate funds, the Departmental acquisitions budget is miniscule.
Such a consideration, however, is almost totally irrelevant during the era of stringent funding in which the University in general and the Library in particular now finds itself. The Special Collections Department is permitted to make its case for a fair share of the funds available for acquisitions and other purposes and receives a fair hearing. The Department has tried to demonstrate, and it can be said has demonstrated with some success, that it can spend prudently and effectively whatever funds are made available to it. During the past year material destined for the Special Collections Department was acquired for the Library with substantial funds provided by the Friends of the University, and with a special allocation of bond issue money.

Building and maintaining research materials takes money, and a research collection that does not grow, dies. However, the glory and marvel of such expenditures is that once the material has entered the Library, the price paid for it is irrelevant: Thenceforth the material is available to anyone who needs to use it.

An era of stringent budgets is not all bad. Such times encourage the wise spending of available funds and stimulate creative thinking about alternative sources. One such alternative acted upon during the past year under the guidance of the assistant Dean for Library Collections was a major grant proposal submitted to the Department of Health, Education, and Welfare. Alternative sources of funding will be pursued in the coming year.

B. Significant plans and recommendations for the near future.

In retrospect one can see that much has been accomplished in the Special Collections Department during the past year. In prospect,
however, one is faced with the almost overwhelming realization that much more remains to be accomplished. Fortunately the problems facing the Department can be coped with, solutions can be found with a little (or not so little) thought, persuasion, perseverance, and patience. The following emerge from the work of the past year as goals for the coming year:

1. Enunciation of Departmental responsibilities for collecting materials and a correlative location policy.
2. Examination of the service posture of the Department.
3. Education of all constituencies of the Department and public interpretation of the purposes and potential of the Department's work.

C. Appointments to Staff.

On September 1, 1978, Donald Farren joined Special Collections as its first permanent Head since January of 1976. On September 14, Kathryn Davis was transferred from Catalog Records as a CETA, LTA I. Her primary duties were maintenance of the Special Collections card catalog. In December Marianne Spores joined Special Collections as a Temporary, Library Specialist I working on a special archival assignment. Alice Sickels, Temporary, part-time CS IV, began working in the Meem Area on January 3, 1979.

D. Separations from Staff

There were no separations from the Special Collections staff during the year 1978-79.

II. Composite of information requested on individual biographical supplements.

During 1978-79, Judy Pence made some progress toward an additional degree by completing three hours of Spanish linguistics. She was elected President of the Greater Albuquerque Library Association and attended the 24th annual
SALAM Conference. She was appointed Chairperson of the Exhibitor’s Committee for the 25th SALAM Conference. She served on the Search Committee for the Humanities Bibliographer and was appointed Chairperson of the Assistant Ethnic Studies Search Committee. She also served on the General Library’s Professional Enrichment Awards Committee.
<table>
<thead>
<tr>
<th>Room</th>
<th>Additions</th>
<th>Totals</th>
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<tr>
<td>Anderson Room</td>
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<tr>
<td>Books &amp; Serials</td>
<td>333</td>
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<td>Pamphlets</td>
<td>0</td>
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<tr>
<td>Books (total)</td>
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<td>20th cent.</td>
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<td>19th cent.</td>
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<td>18th cent.</td>
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<td>17th cent.</td>
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<td>16th &amp; earlier</td>
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<td>129</td>
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<tr>
<td>Books and Serials</td>
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<td>Anderson book Circulation</td>
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<tr>
<td>Coronado patron count</td>
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<td>5,882</td>
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High months—November-574—April-685

Low months—December-246—August-325
I. General Departmental Information

A. Significant Achievements During the Academic Year

The 1978-79 year was a period of continuing transition from the heavy purchase of the bond issue years to the "normal" level of purchases in the University of New Mexico General Library. This transition was facilitated by the carryover of about $300,000 of bond funds from the 1977-78 to the 1978-79 year. Despite the carryover of funds, fewer books were ordered than in any year since 1972-73, the last year before the influx of bond funds. The number of titles cataloged was also considerably reduced, but was still higher than it was in most of the bond years. It is likely that the levels of ordering and cataloging attained this year will be similar in future years unless there is a significant increase in the University's allocation to the Library.

The table below compares the year just completed with the last five years, the years of the bond issue appropriations:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Titles Ordered</th>
<th>Titles Received</th>
<th>Titles Cataloged</th>
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<tr>
<td>1973-74</td>
<td>37,923</td>
<td>34,522</td>
<td>27,414</td>
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<td>1974-75</td>
<td>45,130</td>
<td>41,920</td>
<td>29,758</td>
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<td>1975-76</td>
<td>48,371</td>
<td>49,401</td>
<td>36,854</td>
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<td>1976-77</td>
<td>44,367</td>
<td>43,646</td>
<td>58,359</td>
</tr>
<tr>
<td>1977-78</td>
<td>30,030</td>
<td>28,523</td>
<td>52,013</td>
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<tr>
<td>1978-79</td>
<td>24,820</td>
<td>24,755</td>
<td>36,471</td>
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This clearly indicates that the first three years were spent ordering books at the expense of keeping up with cataloging. The last three years
have been spent eliminating the backlog and beginning new projects to improve user access to library materials. This year's projects will be described in greater detail below.

Two of the three department heads in the Technical Services Division left the division during the fiscal year, producing a number of changes and a great deal of time spent on filling the positions, both temporarily and permanently. Mrs. Marilyn M. Ruoss, who had served in the Library for ten years and had been head of the Bibliographic Control Department for almost three years, retired on August 31, 1978. She was replaced on September 1, 1978, by Ms. Jo Nell Hintner, who came to the University of New Mexico General Library from the Humanities Research Center of the University of Texas; she had spent an interim year as a Council of Library Resources Management Intern at the University of California. The Acquisitions Department was the most unsettled of all of the departments in the Library. The former head, Ms. Mary Ellen Hanson, assumed the position of Education and General Bibliographer on July 1, 1978. During the summer months, the position was filled by Ms. Katherine Costa, the Assistant Acquisitions Librarian. Ms. Dora Biblarz arrived on September 1, 1978, to become permanent Head of the Acquisitions Department. She had previously been the Assistant Head of the Acquisition Department at the University of California, Davis. On January 1, 1979, Ms. Biblarz was asked to assume the position of Acting Assistant Dean for Library Collections. Once again, the Acquisition Department had a change when Connie Thorson was asked to become Acting Head of the department, effective January 15, 1979. Dr. Thorson came to the University of New Mexico from Knox College, Galesburg, Illinois, where she had been Head of Technical Services. Benita Weber continued as Head of the Serials Department, lending some much-needed
stability to the Technical Services Division.

Much of the year was spent in developing improved coordination of all of the Technical Services operations, both within the departments and among them. In past years so much emphasis had been placed upon eliminating the infamous backlog of books awaiting processing that there was little time to devote to improvements in internal operations. This year, however, the backlog was essentially gone and the arrival of the new department heads provided the opportunity to improve cooperation and communications. The department heads quickly learned the present procedures and set about improving them in a variety of ways, contributing beneficial solutions to the University of New Mexico General Library problems. At the end of the year, all three departments were running more smoothly than ever, despite the changes in staff, organization, and types of duties being performed.

The Acquisition Department concentrated on improving procedures, forms, and the physical arrangement of the department. The administrative and physical reorganization helped greatly in improving the workflow in all sections. A number of changes were made in the BATAB automated acquisitions system, but the system is still totally inadequate for a library as large as ours. In addition to the changes that were made, a great deal of time was spent attempting to convert from BATAB version 3 to version 4. After a great deal of work by the Information Systems Department staff, as well as the Library's, the decision was finally made that the possible benefits would never be worth the effort of completing the conversion. The Baker and Taylor company was not helpful in the conversion, greatly increasing the difficulty of the attempt. The temporary decision to live with version 3 does not solve the BATAB problem; alternatives must be developed to replace this antiquated system.
Early in the year, the Acquisitions Department assumed the responsibility for the management of the Library's mail room and loading dock. This operation was transferred from the Administrative services office because of the distance of the loading dock from the Administrative Services area and the consequent difficulties in managing it properly. The Acquisition Department staff quickly learned that there are other problems inherent in the operation of the loading dock, despite its accessibility to the rest of the department. The area must be monitored throughout the day and particularly watched at the times that staff are allowed to use that door, before and after work and during lunch hours. Alternatives to the present situation will have to be explored during the next year; it may be possible to get a security system at the dock, as is done at the main entrance to the Library.

In addition to receiving the purchased items and monitoring the back door, the Gifts and Receiving Section handled over 30,000 gift items received by the General Library during the year. Many of the section staff members also contributed large amounts of their personal time to assist the Friends of the Library with the book sale, which was held in January. The sale consisted of unneeded gift items and discarded library materials; it netted the Friends a profit of over $5,000.

As the backlog of materials to be cataloged was essentially eliminated, the Bibliographic Control Department was able to begin a number of projects that had been postponed for several years. In an attempt to gain improved control of series and to increase the consistency of series entries in Library records, the Series Authority File Project was started early in the year. The cooperation between the Bibliographic Control Department staff and the Serials Department staff has been excellent; improvements
in records have already been evident to library users. Reclassification of certain collections from Dewey Decimal to Library of Congress classifications was begun. During the year the Fine Arts Library was completely reclassified, as was most of the Tireman Learning Materials Center collection. The small collection of Dewey materials in the Parish Library was also completed, thus eliminating Dewey materials from the branches. Some Zimmerman materials were also reclassified, although in comparison to the number in the Dewey collection the work completed is only a beginning.

For many years the collection of several thousand Worldwide Art Exhibition Catalogs has been housed in the Fine Arts Library without cataloging or classification. The cataloging of these valuable items was begun and will continue for the next year or two. These catalogs continue to arrive and current receipts are also cataloged promptly.

The Catalog Records Team began an inventory project, checking on over 100,000 volumes in high use classification numbers. We were pleasantly surprised to find that only two percent of the volumes were still missing after at least two checks of the shelves. This figure was confirmed by the book count of the entire library, performed in January, which indicated an overall loss rate of about 1.5%. In addition to withdrawing the missing volumes, the Catalog Records Team also corrected a number of errors of various types that were found during the inventory process.

The Serials Department began the year by planning a major departmental reorganization, as had been suggested by the consultants who had been retained to study the Department during the previous fiscal year. The changes were implemented gradually between November, 1978, and January, 1979, when the OCLC terminal was installed in the Department and the Serials Cataloging Team was able to move from the Bibliographic Control
Department to the Serials Department. In exchange, the Binding Section was moved from the Serials Department to the Preparation Section of the Bibliographic Control Department, where its functions integrate very well with the physical processing operations of that section. Additional physical remodeling of the Serials Department was finally completed in March, allowing the implementation of the present efficient pattern of work and traffic flow.

The major project for the Serials Department during the year was planning for and implementation of the first phases of the Serials Reconciliation Project. Several temporary staff members were hired to assist with the project and we hope that temporary staff will also be available next year to continue the project. The first phase of the project involves a total review of all of the active titles received in periodical or serial format. The titles are inventoried on the shelves and updated holdings records prepared; the appropriate selectors and coordinators review the titles for retention, continuation, binding type, fund charged, and other conditions; and, finally the appropriate records are updated as necessary. The result will be an accurate record of all of the titles that we own and a total review of the selection of all serials titles. In the process of these reviews many errors have been found and corrected, inappropriate titles cancelled, new titles added, gaps in holdings filled, and types of binding or microform changed. The entire process is complex, difficult, and time consuming, but has been profitable and educational to all involved. By the end of the year, about one-fourth of the titles had begun the review process and over $6,000 of inappropriate titles had been cancelled.

In addition to the physical reorganization and the reconciliation
project, the Serials Department was kept busy with the routine handling of
tens of thousands of pieces of material passing through the department.
This handling was facilitated by the reorganization of the department, as
well as by the implementation of a new order form and revised procedures.
Exchanges for serials published by other institutions were increased when
three University of New Mexico publications series were acquired for use
in the exchange program; the new titles were *New América*, *Environmental
Ethics*, and the *Division of Government Research Review Series*.

Although the accomplishments were many during the past year, there
was a continuing feeling of frustration on the part of many staff members
as they struggled against large quantities of materials which they were
unable to handle properly due to the lack of competent, permanent staff
and the lack of adequate computer and equipment resources. Also, the year
was basically one of cleaning up old messes and solving the problems of
the past rather than charging off into new areas of exciting growth. The
emphasis changed from quantity of material cataloged or produced to quality
of work and records performed. The quality of work has been good in the
past, but there had never been time to strive for excellence, especially
during the days of the bond issue pressures and the earlier days of inade­
quate staffing. Some of the problems that need to be solved in the future
are described in the paragraphs below.

B. Plans and Recommendations for the Future

The major task for the Acquisition Department for the next year will
be to regain a sense of stability following the many changes in professional
staff. It appears that Connie Thorson will serve as Acting Department Head
for a number of months, which will help the situation. We will begin to
search for a new acquisitions system to replace the antiquated BATAB system.
The goal for installation of a new automated acquisitions system is July, 1981. If we are unable to find another system that is acceptable, and if the OCLC Acquisition System does not become available quickly enough, we will have to seriously consider developing our own system or even reverting to a manual acquisitions system.

The Acquisition Department, in cooperation with the Serials Department, also plans to reconcile the records in the Continuous Standing Orders File; many of these records are obsolete and other may be for titles that we no longer need to receive on standing order. This project will integrate with the Serials Reconciliation Project, and many of the active records will be transferred to the files in the Serials Department. Also, the operations of the Gifts section will need more attention, as the number and the proportion of gifts received both continue to increase. Gifts are very important to the Library, but we must make sure that they are handled as efficiently as possible so that their processing does not make them cost more than they are worth.

The Serials Department will make the Serials Reconciliation Project their major task for the coming year; completion of the reconciliation of the currently received titles will require a major commitment of lapsing funds to hire temporary paraprofessional and clerical staff. With the addition of temporary staff and a great deal of dedicated work on the part of all involved, it will be possible to complete this first phase of reconciliation during the coming year. Changes in the serials microfiche list and in the BATAB Serials Acquisitions System are also desirable. The search for an alternative to the BATAB system will also include the search for a system that can handle the purchasing and record keeping for serial publications. It is possible that we would operate the serials and mono-
graphic acquisitions systems separately, and perhaps even on separate automated systems, but the goal is to find one efficient system that can handle the acquisitions of all types of publications. As is true in the monograph area, reversion to a manual system will be considered as a last resort.

The Bibliographic Control Department will have fewer new books to catalog and will have more time to devote to special projects, as have been started this year. Reclassification of other Zimmerman materials is a distinct possibility, as is the retrospective conversion of cataloging records to machine readable form. Priorities will be recommended by the Future of Bibliographic Records Committee, which will also consider alternative forms of the catalog for future years. During the coming year, the Bibliographic Control Department will begin preparations for the implementation of the Second Edition of the Anglo-American Cataloging Rules on January 2, 1981. The new rules will be published shortly; a great deal of retraining will probably be necessary. Although the actual training may not begin this coming year, preparations will be necessary so that staff can be trained efficiently late in 1980.

The coming year will involve many changes, and will be even more important for the planning of additional changes for the 1980's. The next two or three years will determine whether the University of New Mexico General Library develops during the 1980's as a modern, technologically advanced, full service library, or if it continues on as a small library trying to become large, an old library pretending to be modern.
C. Appointments to Staff

Carmela Eastman, CS II, Serials 07-11-78 Permanent Full-time
Maria Livia, CS IV, Serials 07-12-78 Permanent Full-time
Jeannie Horn, CS III, Catalog Records Team, Bibliographic Control 07-13-78 Permanent Full-time
Virginia Dudley, LTA II, Music Non-Book Cataloging Team, Bibliographic Control 07-24-78 Permanent Part-time
Janet Frederick, LTA III, OCLC Coordinator, Bibliographic Control 07-24-78 Permanent Full-time
Connie Zavadil, CS II, Acquisitions 07-24-78 Permanent Full-time
Jeannette Ortiz, CS IV, Serials 08-07-78 Permanent Full-time
Edward Taylor, CS II, Serials 08-15-78 Permanent Full-time
Roberta Arviso, CS IIII (CETA), Acquisitions 08-21-78 Permanent Full-time
Jo Hintner, Assistant Professor, Head, Bibliographic Control 09-01-78 Permanent Full-time
Carolyn Huesemann, CS IV, Ibero-American Cataloging Team, Bibliographic Control 09-05-78 Permanent Full-time
Susan Kreiner, LTA I, Serials 09-11-78 Permanent Full-time
Don Wood, LTA II, Ibero-American Cataloging Team, Bibliographic Control 09-18-78 Permanent Full-time
Sabina Vanish, CS II, Serials 09-20-78 Permanent Full-time
Luis Gallegos, LTA II, Acquisitions 10-02-78 Permanent Full-time
Annabelle Maestas, CS IV, Serials 10-02-78 Permanent Full-time
Rex Hopson, Assistant Professor, Music/Non-Book Team, Bibliographic Control 10-09-78 Permanent Full-time
Alec Slinde, CS IV, General Cataloging Team, Bibliographic Control 10-10-78 Permanent Full-time
Lucy Petrovic, LTA II, General Cataloging Team, Bibliographic Control 10-16-79 Permanent Full-time
Kenneth Hopping, CS II, Serials 10-23-78 Permanent Full-time
Hira Bhodjani, CS III, Catalog Records Team, Bibliographic Control 11-06-79 Permanent Full-time
C. Appointments to Staff - continued

Merlene DuBre, CS II, Serials  
Karen Schor, CS II (CETA) Serials  
Susan Kreiner, LTA II, Serials  
Erica Pinto, CS IV, Serials  
Ronald Smith, CS IV, Serials  
David Pinto, LTA II, Acquisitions  
Sharon Strasia, CS II, Acquisitions  
Carolyn Davis, CS IV, Serials  
Judith Wells, CS IV, Serials  
Shirley Wozniak, LTA II, Serials  
Jean Hart, LTA I, Acquisitions  
Connie Thorson, Assistant Professor, Acting Head of Acquisitions, Acquisitions  
Virginia Dudley, LTA III, OCLC Coordinator, Bibliographic Control  
Michele Palmer, CS II, File Maintenance Team, Bibliographic Control  
Margaret Vigil, CS IV, Acquisitions  
Betty Michael, CS IV, Acquisitions  
Dhirendra Dave, CS II, Catalog Records Team, Bibliographic Control  
Amanda Artiaga, CS III, Preparation Team, Bibliographic Control  
Lynn Varner, CS II, Catalog Records Team, Bibliographic Control  
Marcella Lopez, CS II, Acquisitions  
William Balassi, CS II, Acquisitions  
Michele Palmer, LTA II, Music Non-Book Team, Bibliographic Control  

11-13-78 Permanent Full-time  
11-13-78 Permanent Full-time  
11-17-78 Permanent Full-time  
11-20-78 Temporary Full-time  
11-30-78 Permanent Full-time  
11-30-78 Permanent Full-time  
12-11-78 Temporary Part-time  
12-18-78 Temporary Full-time  
12-18-78 Permanent Part-time  
12-18-78 Temporary Part-time  
01-01-79 Permanent Full-time  
01-01-79 Permanent Full-time  
01-03-79 Permanent Full-time  
01-08-79 Permanent Part-time  
01-08-79 Permanent Full-time  
01-12-79 Permanent Full-time  
01-23-79 Permanent Part-time  
01-23-79 Permanent Full-time  
01-24-79 Permanent Part-time  
01-29-79 Permanent Part-time  
02-06-79 Temporary Part-time  
02-12-79 Permanent Part-time
C. Appointments to Staff - continued

Barbara Broussard, LTA II (CETA), General Cataloging Team, Bibliographic Control  02-19-79 Permanent Full-time
Patricia Jennings, Assistant Serials Librarian, Instructor, Serials  03-14-79 Temporary Full-time
Forrest Blech, CS IV, Serials  03-26-79 Temporary Full-time
Henry Guenther, CS II (CETA), Serials  03-28-79 Temporary Full-time
Sherry Brockett, CS III (CETA), Acquisitions  03-28-79 Permanent Full-time
Geraldine Lujan, CS III (CETA), Preparation Team, Bibliographic Control  04-02-79 Permanent Full-time
Kevin Lancaster, Instructor, General Cataloging Team, Bibliographic Control  04-09-79 Temporary Full-time
Richard Martinez, Driver, Acquisitions  04-09-79 Permanent Part-time
William Balassi, CS II, Acquisitions  04-17-79 Permanent Part-time
Kelly Sparr, CS I, Preparation Team, Bibliographic Control  04-25-79 Permanent Part-time
Heidi Carrasco, CS II, Serials  05-15-79 Permanent Full-time
Carole Simmons, CS IV, Serials  06-05-79 Permanent Part-time
### D. Separations from Staff

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<td>Penny Woods, CS I</td>
<td>Catalog Records Team, Bibliographic Control</td>
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<td>Janet Frederick, LTA II</td>
<td>OCLC Coordinator, Bibliographic Control</td>
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<td>Tom Hueseman, CS II</td>
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<td>08-02-78</td>
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<td>Mary Thompson, CS II</td>
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<td>Theresa Salazar, CS IV</td>
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<td>Edward Taylor, CS II</td>
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<td>Patricia Shea Fairchild, LTA II</td>
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<td>Susan Kreiner, CS V</td>
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<td>Don Wood, LTA II</td>
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<td>Kathryn Davis, LTA I</td>
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D. Separations from Staff - continued

Ronald Smith, CS IV, Serials 11-30-78 Permanent Part-time
Karen Schor, CS II (CETA), Serials 12-08-78 Permanent Full-time
Roberta Arviso, CS III (CETA), Acquisitions 12-22-78 Permanent Full-time
Virginia Dudley, LTA II, Music Non-Book Team, Bibliographic Control 01-03-79 Permanent Part-time
Katherine Costa, Instructor, Assistant Acquisitions Librarian, Acquisitions 01-03-79 Permanent Full-time
Janet Frederick, LTA III, OCLC Coordinator, Bibliographic Control 01-05-79 Permanent Full-time
Elani Walden, CS II, File Maintenance Team, Bibliographic Control 01-05-79 Permanent Part-time
Margaret Vigil, CS III, Bindery Section, Bibliographic Control 01-08-79 Permanent Full-time
Sharon Strasia, CS II, Acquisitions 01-19-79 Temporary Part-time
Amanda Artiaga, CS II (CETA), File Maintenance Team, Bibliographic Control 01-23-79 Permanent Full-time
Merlene Dubre, CS II, Serials 03-31-79 Permanent Full-time
Tom Schwerkoske, Driver, Acquisitions 03-16-79 Permanent Part-time
Ramon Torres, CS I, Preparation Team, Bibliographic Control 04-01-79 Permanent Part-time
Carmella Eastman, CS II, Acquisitions 04-01-79 Permanent Part-time
Allen Vall-Spinosa, Instructor, Ibero-American Cataloging Team, Bibliographic Control 05-11-79 Temporary Full-time
Judith Wells, CS IV, Serials 05-31-79 Permanent Full-time
Timothy Troy, Assistant Serials Librarian, Instructor, Serials 06-05-79 Permanent Full-time
Fran Fannin, LTA II, General Cataloging Team, Bibliographic Control 06-29-79 Temporary Full-time
David Pinto, LTA II, Acquisitions 06-29-79 Permanent Full-time
Erica Pinto, CS IV, Serials 06-29-79 Temporary Full-time
Carolyn Davis, CS IV, Serials 06-29-79 Temporary Full-time
D. Separations from Staff - continued

Forrest Blech, CS IV, Serials
Shirley Wozniak, LTA II, Serials
Patricia Jennings, Instructor, Assistant Serials Librarian, Serials
Kevin Lancaster, Instructor, General Cataloging Team, Bibliographic Control

06-29-79 Temporary Full-time
06-29-79 Temporary Full-time
06-29-79 Temporary Full-time
06-30-79 Temporary Full-time
II. Composite of Information Requested on Individual Biographical Supplements

1. Advanced Study

Claire Bensinger - German 480, Fall Semester 1978, University of New Mexico

Katharine Costa - History of Latin American, Spring 1978; Contemporary Native American Literature, Fall 1978.

Mina Jane Grothey - 6 credit hours in Latin American Studies
- a Latin American History Seminar and Latin American Philosophy I

Benita Weber - Public Administration, 3 credit hours

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.

Rex Carroll Hopson - Travel to Library of Congress and other Washington, D.C. libraries in December 1978, for research.

Benita Weber - Summer travel to England, France, Switzerland, Spain. While in England, visited Blackwell's in Oxford to see operations and conduct library business.

3. New scholastic honors

None

4. Publications


- "When Should a Church take Political Action?" Church Administration, no. 10, vol. 20, p. 21

- "Winners All," Instrumentalist, no. 2, vol. 33, p. 32

- "Games Students Play," Success, no. 3, vol. 30, pp. 18-19

- "What's Your Classroom Cohesive Quotient," Key, no. 4, vol. 16, pp. 12-13

Mack Homestead - 1 poem accepted by Modern Haiku to be published in vol. X, no. 1, Winter-Spring 1979

- 4 poems accepted by Science of Mind - publishing dates unknown

- 1 Senryu & 1 Haiku to be published in Dragonfly: A quarterly of Haiku, January 1979

- 16 -
- 3 Haiku to be published in *Dragonfly: A quarterly of Haiku*, April 1979


- "Horno notes--an annotated bibliography," *Adobe Today*, issue 17, p. 50


Timothy Troy - Reviews of *The Academic Reviewer* and Stechert Macmillan *Serial News* in October-December 1977 issues of *Serials Review*.

- Review of *Swets Info: Information on Current Periodicals/Serials* in April-June issue of *Serials Review*.


5. Other research projects or creative work in progress

Mack Homestead - two one-act comedies, "Doing What Comes Natural" and "Mr. Cheeseboro's Dreams."

- Article, "A Philosophical Question: Is Library Science a Science and/or a Profession?" which is presently being considered for publication

- Children's Alphabet book in limerick form

- Continued research for a planned book on the Philosophy of Librarianship

Rex Carroll Hopson - New Mexico's old hotels and opera houses

- Cumulative index to *New Mexico Magazine*, vols. 1-50

Daniel W. Lester - Continuing Research on Formula Budgeting in academic libraries.


6. Activities in learned and professional societies


Donald L. Foster – Continued to teach "Classification & Cataloging" (LS 427), University of New Mexico

- Introduction to Library Science (LS 424), Continuing Education Division, University of New Mexico

Mina Jane Grothey – Member of SALALM Ad Hoc Committee on Cooperative Cataloging

- Attended the SALALM Mid-Winter and Annual Meeting, as well as American Library Association, June 1979

Jo Nell Hintner – Attended the American Library Association Annual Conference, June 1979

- Attended American Library Association Mid-Winter Conference, January 1979

- Attended the New Mexico Library Association Annual Conference, Farmington, March 1979

Rex Carroll Hopson – Attended the Pre-Conference, New Mexico Conference on Libraries and Information Services, October 10, 1978

- Attended the New Mexico State Documents Depository System Workshop, October 20, 1978 in Albuquerque

- Board member of the Albuquerque Historical Society

- Chairman of the Albuquerque Historical Society’s Publications Committee

Daniel W. Lester – Attended the American Library Association Annual Conference, June 1979

- Attended the American Library Association Conference on Closing the Catalog, February 1979

- Attended Special Libraries Association Winter Conference, February 1979

- Attended Special Libraries Association Annual Conference, June 1979

- Served as President of Río Grande Chapter of Special Libraries Association and attended all Chapter meetings, 1978-79

- Served as member of Chapter Cabinet of Special Libraries Association, 1978-79

- 18 -
- Served as one of three members of the President's Committee on the Future of Special Libraries, The Journal of the Special Libraries Association, 1979

- Attended New Mexico Library Association Annual Conference, March 1979, and several Executive Board meetings

- Served as chairman of the New Mexico Library Association Publications Committee, 1979

Connie Thorson - "The Happy Wedding: Literature and Politics in Fielding's Satiric Drama," accepted for presentation at the March, 1979, meeting of the South Central Society for Eighteenth-Century Studies meeting at Norman, Oklahoma, at the University of Oklahoma.

- Attended American Library Association meeting in Chicago in June 1978

- Attended Mid-West Modern Language Association meeting in Minneapolis, November 1978

Timothy Troy - American Library Association, Annual Conference, June 1979

- New Mexico Library Association, Spring Conference

- Served on New Mexico Library Association Publications Committee and as Advertising Manager for NMLA Newsletter

Allen S. Vall-Spinosa - Attended the American Library Association Mid-Winter Conference, January 1979

- Attended the New Mexico Library Association Annual Conference, March 1979

Anne Watkins - American Library Association, Annual Conference, June 1979

- New Mexico Library Association, Spring Conference; appointed member of Library Development Committee

- State Documents Workshop, October 1978, Albuquerque

Benita Weber - American Library Association, Winter and Summer Conferences; appointed chairperson, RTSD Serials Section Committee to Study Serials Records

- New Mexico Library Association, Annual Conference, appointed Treasurer

Sidney S. C. Yen - Attended the New Mexico State Documents Depository System Workshop, Albuquerque, October 20, 1978
7. Other professional activities

Katharine Costa - Workshops on beginning and advanced cataloging, New Mexico Church and Synagogue Library Association Conference, April 1978

Mina Jane Grothey - Indexing journals for Hispanic American Periodical Index (HAPI)

Jo Nell Hintner - Member of the New Mexico Corporate Authority File for State Agencies Committee

- Chairs the AMIGOS Bibliographic Council Advisory Committee on Cataloging and Quality Control

Connie Thorson - Attended map cataloging workshop in May 1978, at Marion College, Indianapolis, sponsored by INCOLSA and ILLINET, directed by staff from the Library of Congress

- Attended serials cataloging workshop in February 1978, in Urbana, Illinois, sponsored by ILLINET and directed by INCOLSA

Timothy Troy - Work on a grant proposal to National Endowment for the Humanities, entitled: Improving the Adult Use of American Indian Community Libraries on Selected New Mexico Reservations.

Evelyn F. Verstynen - Consultant for the Aquinas Newman Center Library, University of New Mexico

Benita Weber - Attended Copyright Workshop

8. Non-teaching University Service

Claire Bensinger - Member of the University of New Mexico Student Standards and Grievance Committee, 1978/79

Anne Watkins - Served on Statewide Authority File Control Committee

Benita Weber - Member, Research Allocations Committee

9. Public service

Katharine Costa - Singing, Newman Center

- Advisory Board, Active Christian Singles, July through December 1978

Mina Jane Grothey - Member of the Chancel Choir, First United Methodist Church

- Teaches a Sunday School class, First United Methodist Church

Jo Nell Hintner - Member of the Corrales Historical Society
Rex Carroll Hopson – Member of the United States Coast Guard Reserve

- Member of the Civic Beautification Committee, Albuquerque Chamber of Commerce

Evelyn F. Verstynen – Chair, Democratic Party Precinct

- Delegate to the Democratic Party State Convention, November 18, 1978, from the Democratic Party County Central Committee

Anne Watkins – Secretary, Corrales Historical Society

- Board of Directors, Ocha Cooperative, Inc.
A. **Significant Developments.**

1. During the year the Office of Graduate Studies worked with university and college level Graduate Committees on the implementation of plans to increase college faculty authority for graduate education, took part in the planning of a new computer-based student information system, participated in the preparation of the self study report for decennial accreditation by the North Central Association of Colleges and Schools Commission on Institutions of Higher Education, and administered a new program for fellowships for minority students.

2. As Tables 1 and 2 show, there has been a marked decline in the number of students applying for admission to graduate programs and at the same time a continued tightening in the standards applied by departments in making offers of admission. Enrollment of graduate students in the University (Tables 3, 4 and 5) continued to grow and the total, 3,545 students enrolled, is the highest ever. However, as figures on student credit hour enrollment reported by the Office of Admissions & Records make clear, the larger total number of students has been accompanied by an increase in part time students and a decrease in the number of hours taken by more or less full time students. This trend also shows up in the number of degrees awarded (Tables 6, 7, 8, 9). The number of master's degrees awarded was down to 641, the lowest figure since 1971, and the number of doctoral
degrees awarded, 76, dropped back to a figure not seen since 1967. This last reflects a national trend: it appears to be the case that the shortage of jobs for students with doctorates is leading to a slowing down in completion of the degree. It does not yet mean any reduction in the number of students seeking a degree. There was a decrease in the number of assistantships available (Tables 10-12), another factor probably contributing to the increase in proportion of part-time students. The decrease in graduate and teaching assistants reflects a policy decision to reduce the amount of instruction carried out by assistants. The decrease in research assistants made a decline in availability of research funds. Fellowships and grants administered by the Graduate Office (Table 13) remain low but steady: significant new additions are the Graduate & Professional Opportunities Program and the Indian Administrators Program, both supported by USOE.

3. Under Title IX of the Higher Education Act, the University was awarded ten fellowships for minority graduate students in the fields of electrical engineering and computer science, law, and mathematics and statistics. Also under the Graduate & Professional Opportunities Program, the institution received a $95,000 grant to support recruitment activities. A half-time coordinator for the program now works in the Graduate Office. The grants have been renewed and increased ($183,211) for the coming year and should provide the basis for continued progress in minority recruitment. In addition, the University has been advised of the success of its proposal to the National Science Foundation to establish a Minority Resource Center:
this program, administered jointly by UNM and New Mexico State University should play a major role in the developments in this area. Ethnic minorities now make up 20.2% of the graduate student enrollment (compared with 17.2 in 1977); women are now 48.8% (compared with 41.9% in 1977--Tables 14 and 15).

4. During the year, proposals were developed for the offering of the following new graduate degrees: Master of Community & Regional Planning to be offered in the School of Architecture & Planning; M.A. in American Studies, through the Department of American Studies; M.A. in German Studies, to be offered at Taos as part of the Taos German Sommerschule through the Department of Modern & Classical Languages; PhD in Computing & Information Science, to be offered through cooperative understandings with New Mexico State University and New Mexico Institute of Mining & Technology, through the Departments of Computer Sciences at each of the three universities. These proposals were approved by appropriate colleges, by the Faculty Senate, and by the Board of Regents, and are now under consideration by the Board of Educational Finance.

5. During the past year, the Dean served as a member of the Council of Graduate Schools Task Force on Minority Students, was appointed one of three editors of a new journal to be published by Oxford University Press, was president of International TESOL, secretary-treasurer of the American Association of Applied Linguistics, chair of the Program Committee of the Linguistic Society of America, a member of the Board of Trustees and Executive Committee of the Center for Applied Linguistics, and of the linguistics screening committee of the Council for the International Exchange of Scholars. He
presented papers at the Fifth International Congress of Applied Linguistics in Montreal, at a seminar in Italy, at a conference in language planning in New Jersey, at the SW linguistics conference in Phoenix; gave the presidential address at the Boston TESOL convention, and was keynote speaker at three state TESOL meetings. He published five articles and one review.

Associate Dean David T. Benedetti attended the annual meeting of the Western Association of Graduate Schools in Colorado Springs, Colorado, and a meeting of the Council of Graduate Deans of New Mexico State Universities in Las Cruces, New Mexico; reviewed for Oxford University Press the manuscript of a textbook on the psychology of adjustment, and served on numerous University, Faculty Senate, College and Departmental committees.

Associate Dean Charlene McDermott served as a member of the executive committees of the American Philosophy Association and the Western Conference Association for Asian Studies, and of the screening committee of the National Endowment for the Humanities Summer Fellowship Program; she also chaired the UNM Asian Studies Committee. She attended the annual meeting of the Council of Graduate Schools in San Diego, California, and the annual meeting of the Western Association of Graduate Schools in Colorado Springs, Colorado, as well as a meeting of the Council of Graduate Deans of New Mexico State Universities in Las Cruces. She has had two books accepted for publication and has published one article and one review.
B. Plans and Recommendations.

The Dean will be on sabbatical leave for the first semester 1979-80, during which time David Benedetti will be Acting Dean. A trial will be made of a word processor which, it is hoped, will increase efficiency and enable savings in staff after a period of operation. The Office will work with the new Faculty Senate Graduate Committee and with college graduate committees in the implementation of devolution plans. It is hoped that unit academic review (originally proposed by the Graduate Committee and last year accepted by the Faculty Senate for university-wide implementation) will begin, and its results will be integrated into academic planning. The Office will collaborate with the NSF Minority Resource Center to improve minority recruitment and retention.

C. Appointments to Staff.

Antonio Gomez, Program Coordinator, Graduate & Professional Opportunities Program, 11/6/78 (half-time)

Connie Mora, CS IV, 8/7/78
Carl Hanson, CS IV, 1/22/79

D. Separations from Staff.

Linda Birge, CS IV, 8/4/78
Trudy Baca, CS IV, 1/12/79
TABLES AND FIGURES

Table 1 Applications and Admissions
2 Applications and Admissions by Department
3 Enrollment
4 Masters Level Enrollment
5 Doctoral Level Enrollment
6 Masters Degrees Awarded
7 Doctoral Degrees Awarded
8 Ratio of Degrees to Enrollment
9 Enrollment and Degrees
10 Assistantships - Summary
11 Graduate and Teaching Assistantships
12 Research and Project Assistantships
13 Fellowships and Grants
14 Minority Enrollment
15 Financial Aid held by Minority Students, Women and Non Citizens
Table 1. Applications and Admissions

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<td>Total Applications Distributed by Mail</td>
<td>10,720</td>
<td>9,836</td>
<td>8,778</td>
<td>8,197</td>
<td>6,512</td>
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<td>-20.5%</td>
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<td>New Applications Received</td>
<td>3,537</td>
<td>3,131</td>
<td>2,887</td>
<td>3,261</td>
<td>2,497</td>
<td>+12.9%</td>
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<td>New Admissions Offered</td>
<td>1,976</td>
<td>2,133</td>
<td>2,155</td>
<td>1,853</td>
<td>1,460</td>
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<td>Accepted and Enrolled</td>
<td>1,274</td>
<td>1,575</td>
<td>1,389</td>
<td>1,212</td>
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<td>Declined, No Response</td>
<td>302</td>
<td>410</td>
<td>395</td>
<td>301</td>
<td>135</td>
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<td>Accepted but No Show</td>
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<td>146</td>
<td>370</td>
<td>340</td>
<td>259</td>
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<td>Percentage of New Applicants Offered Admission</td>
<td>55.9%</td>
<td>68.1%</td>
<td>74.6%</td>
<td>56.8%</td>
<td>58.4%</td>
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<td>Percentage of New Admissions Offered Who Accepted and Enrolled</td>
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<td>64.5%</td>
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<td>Graduate Unit</td>
<td>Completed Applications Fall, 1977</td>
<td>Completed Applications Fall, 1978</td>
<td>Percentage of Offers of Admission Fall, 1977</td>
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<td>Architecture</td>
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<td>74</td>
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<td>American Studies</td>
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<td>70</td>
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<td>Communicative Disorders</td>
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<td>58 %</td>
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<td>English</td>
<td>57</td>
<td>64</td>
<td>79 %</td>
<td>62 %</td>
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<td>Geography</td>
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<td>50 %</td>
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<td>History</td>
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<td>28</td>
<td>74 %</td>
<td>57 %</td>
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<td>Ibero-American Studies</td>
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<td>Latin American Studies</td>
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<td>Linguistics</td>
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<td>Mathematics &amp; Statistics</td>
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<td>Physics &amp; Astronomy</td>
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## Applications and Offers of Admissions for Fall Semesters, 1977-78

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** Figures provided by Anderson School of Management
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GRADUATE STUDENT ENROLLMENT
Fall Semester, 1969-70 to 1978-79

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## Masters Level Enrollment

**Colleges, Schools, Division**

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Total Enrollment: 2162, 2303, 1336, 2400, 2364, 1315, 2503, 2536, 1541, 2722, 2601, 1440, 2783, 2612
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Table 6. Master's Degrees Awarded by Unit and by Year

| Departments by Colleges thru Div/Program | 1927 | 1954 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |
|-----------------------------------------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ARCHITECTURE                            |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ARTS & SCIENCES                         |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Anthropology                            | 47   | 2    | 4  | 3  | 2  | 4  | 2  | 2  | 1  | 7  | 2  | 7  | 9  | 6  | 14 | 17 | 9  | 13 | 13 | 4  | 8  | 19 | 14 | 15 |
| Biology                                 | 92   | 4    | 4  | 4  | 11 | 4  | 5  | 8  | 12 | 7  | 12 | 6  | 11 | 14 | 18 | 21 | 17 | 18 | 18 | 15 | 17 | 19 | 11 | 23 | 15 | 16 |
| Chemistry                               | 20   | 3    | 1  | 1  | 2  | 1  | 1  | 2  | 6  | 1  | 6  | 3  | 9  | 2  | 4  | 10 | 9  | 6  | 7  | 4  | 10 | 7  |      |    |
| Communic Dis                            |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Comparative Lit                         |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Economics                               | 34   | 2    | 3  | 1  | 1  | 3  | 4  | 2  | 2  | 1  | 3  | 1  | 6  | 7  | 8  | 5  | 3  | 7  | 11 | 6  | 3  | 3  | 6  | 5  | 4  |
| English                                 | 124  | 2    | 5  | 6  | 6  | 7  | 4  | 6  | 5  | 6  | 6  | 17 | 21 | 23 | 17 | 23 | 12 | 20 | 14 | 19 | 10 | 10 | 12 | 14 | 14 | 7  |
| Geography                               |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Geology                                 | 41   | 1    | 8  | 4  | 11 | 7  | 13 | 11 | 9  | 6  | 5  | 4  | 2  | 6  | 9  | 8  | 7  | 5  | 7  | 8  | 5  | 11 | 9  | 6  | 13 | 12 |
| History                                 | 105  | 1    | 2  | 4  | 2  | 6  | 3  | 7  | 12 | 7  | 10 | 13 | 15 | 11 | 19 | 14 | 15 | 13 | 21 | 16 | 11 | 4  | 6  | 8  | 3  | 3  |
| Inter Amer Aff                          | 22   | 1    | 1  | 1  | 1  | 2  | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Latin Amer Stu                          |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Linguistics                             |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Math & Stat                             | 35   | 2    | 3  | 1  | 2  | 2  | 6  | 3  | 4  | 5  | 8  | 11 | 3  | 22 | 13 | 10 | 17 | 14 | 19 | 6  | 3  | 7  | 7  | 4  | 7  |
| Mod & Class                             |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Languages                               |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Latin                                  | 2    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| French                                 | 2    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Spanish                                | 99   | 4    | 7  | 6  | 5  | 3  | 6  | 3  | 4  | 2  | 5  | 9  | 12 | 10 | 16 | 6  | 15 | 8  | 12 | 7  | 7  | 4  | 6  | 3  | 1  |
| Portuguese                             |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

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| **College of Education**      |   |   |
| Art Education                 | 3 | 4 |
| Educational Administration    | 7 | 6 |
| Educational Foundations       | 6 | 7 |
| Elementary Education          | 12| 18|
| Guidance & Counseling         | 4 | 4 |
| Health, Physical Education & Recreation | 39 | 39 |
| Home Economics                | 2 | 2 |
| Secondary & Adult Teacher Education | 6 | 6 |
| Special Education             | 3 | 3 |
| **TOTALS**                    | 82| 89|

| College of Engineering        |   |   |
| Chemical & Nuclear Engineering| 2 | 4 |
| Civil Engineering             | 7 | 6 |
| Computing & Information Sciences| 3 | 3 |
| Electrical Engineering & Computer Science | 17 | 19 |
| Mechanical Engineering        | 4 | 5 |
| **TOTALS**                    | 33| 37|

| College of Fine Arts          |   |   |
| Art                          | 45| 47|
| Music & Music Education      | 7 | 7 |
| Theatre Arts                 | 5 | 2 |
| **TOTALS**                   | 57| 56|

| College of Nursing            | 1 | 1 |
## Graduate Assistants, Teaching Assistants & Teaching Associates, 1978-79

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-26-
## Research Assistants and Project Assistants, 1978-79

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* Formerly NDEA Title IV Fellowship
### Graduate Student Fellowships & Grants, 1976-79

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### Table 14. Minority Enrollment, Fall 1976

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<th>HISPANIICS TOTAL</th>
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<td>Hispanic</td>
<td>American Indians</td>
<td>Total Represented</td>
<td>Women</td>
<td>Total</td>
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<td>No.</td>
<td>% of Total</td>
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**Grand Total**: 57 (31) 1.6 (1.2) 514 (404) 15.0 (11.9) 97 (70) 2.9 (2) 683 (592) 20.2 (17.2) 1648 (1453) 40.8 (34.9) 1360 (1170)

* Figures in parentheses = Fall 1977
* Includes Gallup, Los Alamos, Santa Fe, and Main Campus
* ** Black, Hispanic, American Indians
Table 15. Financial Aid Held by Minority Students, Women, and Non-Citizens

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<th>Graduate Units</th>
<th>Blacks (U.S. Citizens)</th>
<th>Hispanics (U.S. Citizens)</th>
<th>Amer. Indians</th>
<th>Total Underserved Minorities</th>
<th>Non-Citizens</th>
<th>Asians</th>
<th>Women</th>
<th>Total Students Employed</th>
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<td>% of Employed</td>
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HIGHLIGHTS:
(a) Research

Research aspects of the Graduate Center were quite fruitful. For the first time in its twenty-three years of existence, research and scholarly work associated with our program was presented/published at national professional conferences and proceedings. These are listed below:


Present plans call for more such participations including an international conference for which a paper by Dr. Angelo has already been accepted at the 30th Congress of the International Astronautical Federation, Munich, Germany September 16-19,1979.

(b) Teaching:

The number of individuals enrolled as well as the total student credit hours (SCH) were at the highest level in the entire history of the graduate center. While the program has increased 39% in the past three years, the cost per SCH has increased only slightly - from \$84/SCH to \$85/SCH during that time inspite of inflation. The graduate level offerings have increased 52% in three years while the undergraduate offerings have increased by 15% during
that time. This increase has been accomplished despite employment freeze by LASL during major portion of this academic year. A probable explanation of this increase is the appreciation by prospective students of the time effectiveness of a newly adopted advisement procedure which designs the academic program taking into consideration students' unusual capabilities.

At the present time degree programs in the areas of Medical Science, Management, Physics, Chemistry, Mathematics, Electrical Engineering & Computer Science, Computing and Information Science, Mechanical Engineering, Nuclear Engineering and Chemical Engineering are offered. Occasionally courses in other disciplines such as Geology, Economics, etc. have been offered when demand warrants. The year long name change to "The Center for Graduate Studies at Los Alamos" has been fully justified. Attached graphical representations of student enrollment figures indicates the scope of growth in recent years.

Finally, this year the largest graduating class in the history was awarded 2 Ph.Ds, 13 M.S. & M.B.A. and 4 B.S. degrees bring the total degrees awarded under the center to 295 in 23 years.
### Table I

The number of University of New Mexico graduates who have taken significant course work toward their degrees in the LASL Academic Training Program are tabulated below. Most Ph.D.'s participated in both the LASL Advanced Study Program to satisfy residence requirements on campus, and in the Graduate Thesis Program to complete their dissertation.

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<td>Cost Per Credit Hours Average Academic (Fiscal Year)</td>
<td>68.74</td>
<td>108.12</td>
<td>81.84</td>
<td>94.18</td>
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<td>84.23</td>
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<td>70.07</td>
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<td>78.34</td>
<td>92.79</td>
<td>85.58</td>
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<td>Number of Courses - Offered Number</td>
<td>26</td>
<td>23</td>
<td>26</td>
<td>23</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>18</td>
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<td></td>
<td></td>
<td>26</td>
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<td></td>
<td></td>
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<td>26</td>
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<tr>
<td>AVERAGE COURSE ENROLLMENT**</td>
<td>14.7</td>
<td>12.0</td>
<td>14.3</td>
<td>13.2</td>
<td></td>
<td></td>
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</table>

** Credit Hour Equivalent used for registration as an auditor, Thesis or Dissertation.

* Credit Hour Equivalent used for registration as an auditor, Thesis or Dissertation.

** These figures are for the fall and spring semesters only, and do not include registrations during the summer session or in dissertation, thesis, or problems.

*** Estimates
II STATISTICS

A total of 52 formal and 31 individualized courses were offered to 608 individuals. The College of Engineering accounted for 59% of the enrollment with 20% for the Anderson Graduate School, 15% for the College of Arts and Sciences and 6% for the Medical School. Twenty five UNM professors and twenty seven adjunct faculty were contracted for the above courses, seminars and research activities.

Attached are the customary two tables comparing the data for the past four years.

Last year the resident director made 101 trips to Los Alamos and participated in the research, problems and seminar type offerings involving six students and sixteen student credit hours.

III FUTURE PLANS:

There appears to be a growing need for two new programs

(i) Public Administration at the graduate level (M.P.A. degree). Last year's surveys indicated it and this year's enrollments should prove it one way or the other.

(ii) Bachelor of University Studies Undergraduate program could service several candidates who have multidisciplinary background e.g. physics, mathematics and engineering. However residency still remains a vexing problem.
The year marked a maturation of the building process begun in 1975. The Center moved to new remodeled quarters on the College of Santa Fe campus. A half-time receptionist was added to the staff to provide coverage of the office and hours were extended to cover the 9:00-5:00 business hours every day.

The year's program plan submitted with the budget last year was achieved or exceeded in every respect. Registrations totaled 637 compared with the projection of 570. Tuition revenue, projected at $39,200, actually totaled $53,000. Total student credit hours projected were 1,700 and achieved were 1,911. (Enrollment report attached.)

The office location facilitated student communication and the classrooms were satisfactory. The Center altogether enjoyed an improved atmosphere of academic communication with students and faculty often using the available offices.

The staff continued to perform admirably as evidenced from a classroom evaluation done by students in the Spring semester. (See the attachment.)

As the year ended, the Director took leave of absence for one year to complete academic work and to take a half-year sabbatical. Professor Henry Pepe of the Special Education Department assumed the position of Acting Director.
Enrollment Report
Summer, Spring, Fall
1978-79

Number of students enrolled: 530
Number of students who withdrew: 62
Number of registrations: 637
Number of registrations withdrawn: 72
Number of students taking 2 courses: 92
Number of students taking 3 courses: 3
Number of students taking 4 courses: 1

Male: 255  Graduate: 224  Returning students: 266
Female: 275  Non-Degree: 306  First-time Santa Fe Center: 264
530 530 530


<table>
<thead>
<tr>
<th>Dept.</th>
<th>Male</th>
<th>Female</th>
<th>Male</th>
<th>Female</th>
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<tr>
<td>PA</td>
<td>67</td>
<td>33</td>
<td>60</td>
<td>27</td>
</tr>
<tr>
<td>AGSM</td>
<td>19</td>
<td>12</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>G&amp;C</td>
<td>7</td>
<td>11</td>
<td>9</td>
<td>67</td>
</tr>
<tr>
<td>Sp.Com.</td>
<td>2</td>
<td>4</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td>Hist.</td>
<td>5</td>
<td>11</td>
<td>8</td>
<td>30</td>
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<td>Pol.Sci.</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>3</td>
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<tr>
<td>Sp.Ed.</td>
<td>2</td>
<td>22</td>
<td>12</td>
<td>63</td>
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<tr>
<td>SATE</td>
<td>0</td>
<td>2</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>CE</td>
<td>5</td>
<td>0</td>
<td>2</td>
<td>3</td>
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</table>

109 97 112 212 = 530
QUESTIONNAIRE FOR SANTA FE CENTER STUDENTS
February, 1979

The UNM Center for Graduate Studies is eager to serve its students to the best of its ability. This questionnaire has been devised to indicate areas of strength and weakness in the Center’s operation. Your cooperation in completing the questionnaire is greatly appreciated.

How do you rate the following?

<table>
<thead>
<tr>
<th>No</th>
<th>Answer</th>
<th>Excellent</th>
<th>Good</th>
<th>Fair</th>
<th>Poor</th>
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</thead>
<tbody>
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<td></td>
<td>Registration procedures:</td>
<td>65</td>
<td>62</td>
<td>0</td>
<td>1</td>
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<tr>
<td>6</td>
<td>Quality of instruction:</td>
<td>60</td>
<td>63</td>
<td>8</td>
<td>0</td>
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<td></td>
<td>Classroom arrangements:</td>
<td>25</td>
<td>78</td>
<td>30</td>
<td>4</td>
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<td>2</td>
<td>Book purchasing arrangements:</td>
<td>13</td>
<td>46</td>
<td>43</td>
<td>33</td>
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<td>31</td>
<td>Library support:</td>
<td>14</td>
<td>28</td>
<td>37</td>
<td>27</td>
</tr>
<tr>
<td>4</td>
<td>Attitude and helpfulness of the Center’s staff:</td>
<td>74</td>
<td>55</td>
<td>4</td>
<td>0</td>
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<tr>
<td>6</td>
<td>Course offerings:</td>
<td>Adequate</td>
<td>52</td>
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<tr>
<td></td>
<td></td>
<td>Too Limited</td>
<td></td>
<td></td>
<td>79</td>
</tr>
<tr>
<td>6</td>
<td>Class time:</td>
<td>Convenient</td>
<td>103</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Earlier in afternoon</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Later in evening</td>
<td>18</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Saturday morning</td>
<td>19</td>
<td></td>
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</tr>
<tr>
<td>4</td>
<td>Location of Center:</td>
<td>Convenient</td>
<td>127</td>
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<tr>
<td></td>
<td></td>
<td>Inconvenient</td>
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<td></td>
<td>6</td>
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<td>17</td>
<td>Would it be helpful to have credit card service?</td>
<td>Yes</td>
<td>61</td>
<td>No</td>
<td>59</td>
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<td>4</td>
<td>Do you have the need for a student ID card?</td>
<td>Yes</td>
<td>67</td>
<td>No</td>
<td>66</td>
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<tr>
<td>6</td>
<td>Do you think our publicity is adequate?</td>
<td>Yes</td>
<td>64</td>
<td>No</td>
<td>67</td>
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</tbody>
</table>

Comments:

-43-
The primary objectives for the Graduate Student Association for academic year, 1978-79, were as follows:

a. Restructuring of general organizational practices in order to provide for accountability of organizations funded by GSA monies to GSA;

b. Provide greater opportunity for participation in GSA activities and services to those students not in the mainstream of campus activities (e.g., evening, part-time and isolated students);

c. Promote greater interaction and involvement between GSA organizations and the greater University community; and

d. Develop cooperation between GSA and ASUNM in areas of common concern.

Through cooperative efforts of the graduate student body, all objectives were met.

A resolution was passed on October 14, 1978 (see Appendix A) requiring all GSA funded organizations to submit monthly reports of their activities and expenditures. The reports were to serve as documentation for future funding and to provide information to the GSA for purposes of monitoring organizational activities. Those organizations failing to submit reports or whose reports indicated failure to provide appropriate services were subject to review by the GSA Finance Committee and suspension of remaining
funds. Several organizations came under review. Of those organizations, two lost funding for failure to provide adequate services. They were the New Mexico Public Interest Research Group and the American Indian Law Students Association. Additionally, the Clinical Law Program will not be eligible for funding from GSA until such time as a complete accounting of past activities and expenditures is presented to GSA.

Opportunity for non-traditional students to participate in GSA activities was increased through the introduction of a coffee cart service to evening and isolated students. Free coffee was made available to students unable to use normal University facilities. The purpose was to disseminate information about GSA and to provide a service to graduate students.

Voting for the GSA election was changed from one day to four and the hours extended to accommodate evening students (see Appendix B).

The Graduate Student Association in cooperation with the UNM Alumni Association sponsored a Professional Information Exchange on the University campus. The intent of the activity was to promote interaction between graduate students and the business community (primarily alumni) in the Albuquerque area.

Cooperative efforts between the GSA and the Child Care Co-op on campus resulted in greater awareness of the value of this facility throughout campus and greater utilization of it by several departments.

The Graduate Student Association maintained contact with the ASUNM government throughout the year providing mutual information and stimulus on various issues.

All organizations requesting funding from GSA were required to submit detailed, documented information with their requests. Funding allocations were made on a line item basis to facilitate future accountability.
Those organizations who were funded at a lower level than requested were required to submit a renegotiated budget before 1979-80 funds could be used. The renegotiated budget was required to reflect specific line item changes determined by the GSA Finance Committee and approved by the Council (see Appendix C).

The Graduate Student Association assisted several graduate oriented organizations with mid-year funding. They include:

- UNM Drama Department: funding for advertising and expenses for the production "Romance in the Russian Ballet"
- UNM Folkdancers: Ethnic dance workshop
- Espejo: A Spanish language newsletter for students in Latin American Studies
- Conceptions Southwest: Southwest literary magazine
- ASA Gallery: Student run art gallery

The Student Research Allocation Committee distributed $9,000 to students involved in graduate research or attending professional conferences. The effect of this committee was enhanced through cooperation of the Office of Graduate Studies, which through the efforts of Associate Dean David Benedetti provided additional funds for similar purposes.

Over all academic year 1978-79 has been highly productive for the GSA. Cooperation among students and departments was consistently high as was cooperation between the GSA, the Office of Graduate Studies, and the administration.
October 14, 1978

GSA REPORT

APPENDIX A

Be it so moved:

In order to assure that the various organizations funded by the Graduate Student Association Council conduct their affairs in such manner as stated at the time of funding, the following procedure is hereby enacted:

Prior to each council meeting the GSA Finance Committee shall review the monthly reports submitted by each GSA funded organization as unanimously voted by the GSA Council on September 23, 1978. A review month shall be each month of the Fall and Spring semesters. Any funded GSA organization failing to submit monthly reports by the fifth of the immediately following month, shall be notified of such failure by the GSA Finance Committee. The said organization shall provide such a report within ten (10) days of notification; any organization failing to comply will be subject to review by the GSA Finance Committee.

Upon such review by the GSA Finance Committee, any funded GSA organization determined to be in noncompliance with their budget proposal shall be notified in writing by the GSA Finance Committee. Upon notification, said organization will be allowed thirty (30) days to engage in compliance procedures as stated within the GSA Finance Committee recommendation.

Concurrent with initial noncompliance notification to said organization, the GSA Council will also be notified of noncompliance and GSA review procedures initiated. At this time, the GSA Council shall determine by plurality vote whether the review procedures shall be continued. If the review procedures are voted to be continued, a vote at the following GSA Council meeting shall determine suspension of funds. Such vote shall require a two thirds (2/3) majority of GSA Council members present at that meeting in order to suspend funds. Said organization may apply for reinstatement of funds 90 days after such suspension. Application for reinstatement shall be reviewed by the GSA Finance Committee and be presented to the GSA Council. Reinstatement of funds shall require a majority vote by the GSA Council members present at said meeting.

Furthermore, GSA funded organizations are subject to individual grievance charges pertaining to their budget proposals. A noncompliance grievance may be submitted to the GSA Finance Committee by any member or members of the graduate student body. These grievance charges will be reviewed by the GSA Finance Committee and will be subject to the previously stated procedures for determination of noncompliance.
ARTICLE VII, Section C  BUDGET

Constitution:
none

Proposed Amendment:
C. Budget Compliance. Compliance to proposal guidelines of funded organizations for the fiscal year shall be determined by the Financial Committee and approved by a 2/3 majority vote of the Council. Recourse of the Council due to the noncompliance of a funded organization to its budget proposal shall be enacted by the Council according to Council guidelines.

ARTICLE IX

Constitution:
ROBERT'S RULES OF ORDER. Where there is any question as to rules of procedure, Robert's Rules of Order will be the governing law.

Proposed Amendment:
ROBERT'S RULES OF ORDER. Where there is any question as to rules of procedure, Robert's Rules of Order, Newly Revised, will be the governing law.
Judiciary Committee and Procedures
Constitutional Amendment Proposal
Submitted December 12, 1978

Article VI, Section A.

4. Judiciary Committee.
   a. Qualification of Members. Members of GSA: Members may not serve on any other GSA standing committee.
   b. Appointment of Members. The committee shall consist of three (3) persons appointed by the President and approved by the Council. No two (2) members shall be appointed from the same department.
   c. Duties. To determine questions of constitutionality and adherence to guidelines, and to advise the Council as requested.
   d. Judiciary Committee Procedures.
      i) Challenge. A question or challenge must be presented by a member of the Council. Challenges pertaining to official Council action shall be brought up under new business. Challenges pertaining to proposed Council action shall be in the form of a motion to table until the following Council meeting, at which time the Judiciary Committee shall hand down its decision or advisement to the Council.
      ii) Due Process. The Judiciary Committee shall respond in written form to requested action by the following Council meeting. The Judiciary Committee decisions shall stand unless overruled by University Grievance Procedures.
ARTICLE IV, Section A OFFICERS

Constitution:
A. President.
... 2. Election Procedures. Elected in the first week of April in a general election (with Budget). Vacancy filled by Council to fulfill the remainder of the term.

Proposed Amendment:
A. President.
... 2. Election Procedures. Elected in the first week of April in a general election (with Budget). Vacancy filled by Council to fulfill the remainder of the term. Elections shall run Monday through Thursday of the appropriate week and polling hours shall accommodate both day and evening graduate students.

ARTICLE VI, Section A COMMITTEES

Constitution:
A. GSA Standing Committees
1. Finance.
... c. Duties. Draw up the budget according to Council guidelines.
2. Student Research Allocations Committee (SRAC).
... c. Duties. Allocate SRAC funds according to Council guidelines.
3. Elections.
... c. Duties. To administer elections according to Council guidelines.

Proposed Amendment:
A. GSA Standing Committees
1. Finance.
... c. Duties. Draw up the budget according to Council guidelines and other duties as deemed necessary by the Council.
2. Student Research Allocations Committee (SRAC).
... c. Duties. Allocate SRAC funds according to Council guidelines and other duties as deemed necessary by the Council.
3. Elections.
... c. Duties. To administer elections according to Council guidelines and other duties as deemed necessary by the Council.

ARTICLE VII, Section B Budget Procedures

Constitution:
B. ... The GSA financial records shall be subject to an annual audit as requested by the Council.

Proposed Amendment:
B. ... The GSA financial records and records of funded organizations shall be subject to an audit as requested by the Council.
## Proposed GSA Budget 1979-'80

### Organizations:

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<tr>
<th>Organization</th>
<th>Request</th>
<th>Allocation</th>
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<td>Child Care Co-op</td>
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<tr>
<td>KUNM</td>
<td>5,000</td>
<td>5,000</td>
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<tr>
<td>Cultural Committee</td>
<td>5,000</td>
<td>5,000</td>
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<tr>
<td>LOBO</td>
<td>4,000</td>
<td>3,500</td>
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<td>Subscriptions</td>
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<td>Advertising</td>
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<td>500</td>
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<tr>
<td>MALSA</td>
<td>4,883</td>
<td>2,200</td>
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<tr>
<td>Mesa Chicana</td>
<td>3,845</td>
<td>3,600</td>
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<tr>
<td>Agora</td>
<td>2,500</td>
<td>2,200</td>
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<td>International Center</td>
<td>1,275</td>
<td>1,070</td>
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<td>New America</td>
<td>1,600</td>
<td>1,100</td>
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<td>UNM Folkdancers</td>
<td>1,790</td>
<td>400</td>
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<td>Sigma Gamma Epsilon</td>
<td>575</td>
<td>475</td>
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<td>Conceptions Southwest</td>
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<td>1,000</td>
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<tr>
<td>G.A.B.S</td>
<td>3,000</td>
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<tr>
<td>S.I.S.S</td>
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<td>1,818.50</td>
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<td>BALSA</td>
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<tr>
<td>Poetry Series</td>
<td>700</td>
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<td>NMPIRG</td>
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<td><strong>Total</strong></td>
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### Internal:

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<td>8,000</td>
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<td>Pro-rated Benefits (2x $3,150)</td>
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<tr>
<td>Secretary</td>
<td>4,800</td>
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<td>President's Educational Grant</td>
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<td>Special Ideas Fund</td>
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<td>Office Supplies</td>
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<td>Newsletter</td>
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<td>Carry Over</td>
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<td>Party</td>
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<td>President's Contingency</td>
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<td>Chairperson's Contingency</td>
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<td>Secretary's Benefits</td>
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<td>282.48</td>
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<tr>
<td><strong>Total</strong></td>
<td>$28,170</td>
<td>$36,518.48</td>
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### Grand Total 1979-1980

$74,831.98
Report on Graduate Student Association
1978-'79

The primary objectives for the Graduate Student Association for academic year '78-'79 were as follows:

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Cooperative efforts between the GSA and the Child Care Co-op on campus resulted in greater awareness of the value of this facility throughout campus and greater utilization of it by several departments.

The Graduate Student Association maintained contact with the ASUNM government throughout the year providing mutual information and stimulus on various issues.

All organizations requesting funding from GSA were required to submit detailed, documented information with their requests. Funding allocations were made on a line item basis to facilitate future accountability. Those organizations who were funded at a lower level than requested were required to submit a renegotiated budget before '79-'80 funds could be used. The renegotiated budget was required to reflect specific line item changes determined by the GSA Finance Committee and approved by the Council (see Appendix C).

The Graduate Student Association assisted several graduate oriented organizations with mid year funding. They include:

- UNM Drama Department
  - funding for advertising and expenses for the production "Romance in the Russian Ballet"

- UNM Folkdancers
  - Ethnic dance workshop

- Espejo
  - A Spanish language newsletter for students in Latin American Studies

- Conceptions Southwest
  - Southwest literary magazine

- ASA Gallery
  - Student run art gallery

The Student Research Allocation Committee distributed $8,000 to students involved in graduate research or attending professional conferences. The effect of this committee was enhanced through cooperation of the Graduate School, which through the efforts of Dean Dave Benedetti provided additional funds for similar purposes.

Over all academic year '78-'79 has been highly productive for the GSA. Cooperation among students and departments was consistently high as was cooperation between the GSA, the Graduate School and the administration.
D. Report of the Dean of the Office of Graduate Studies

Over the past decade, graduate and professional programs at the University of New Mexico have grown in number and strength. While most of the twenty-one doctoral degrees and forty-nine master's degrees were established before 1968, ten have been added since then: doctoral programs in art history, political science, Romance languages and sociology, and master's degrees in computing and information science, geography, public administration, nursing, speech pathology and audiology. The number of students enrolled in graduate programs has continued to increase throughout the ten year period, with the exception of a brief decline in the years 1970-72, so that the total graduate student enrollment in 1978 is now about 40% higher than it was in 1968. Growth (in terms of number of advanced degrees awarded) has been fastest and continues in master's programs; doctoral programs reached a peak between 1971 and 1974 and are now declining.

In essence, the changing size of graduate programs has depended on student demand and departmental decisions: with the exception of a brief attempt by the Graduate School in 1971 to encourage reduction in the number of admissions, there has been no central plan for the development of programs in specific areas or to specific sizes.

At the beginning of the decade, the method of state funding tended to penalize the University for graduate enrollment: the formula provided for the same level of funding for students at all levels. For the last few years, a funding formula has been in place that differentiates among instruction given at lower division, upper division, and graduate levels. One result of this differential funding has been to protect the University from some of the problems it faces with declining undergraduate enrollment by the greater
emphasis given in the formula to the graduate level, where enrollment continues to increase. A second important influence has been that the differential formula has encouraged greater recognition for the importance of graduate programs in internal resource allocation. While the funding formula is still far from adequate, its introduction has been good for graduate programs. Internally, the modification of the formula for calculating faculty loads to include more appropriate recognition for the direction of dissertations and theses has also been a major improvement. Thus, while there has been a general tendency to encourage more uniform and higher faculty teaching loads, the recognition within the calculations of dissertation and thesis work has been beneficial in recognizing the role of faculty concerned with graduate instruction. Increasing competitiveness among candidates for teaching positions and rising standards for promotion and tenure are both combining to lead to an increase in the qualification of faculty for graduate instruction.

While there are no clear indications of changes in the quality of students, some departments (particularly in the sciences) report difficulties in finding as many qualified students as they would like to have. At the same time, most programs are starting to feel the effects of the change in demographic makeup of the student body. The effect of enrolling a much larger percentage of groups previously underrepresented in graduate education, whether women, members of ethnic minorities, or older non-traditional students, is leading to changes in expectations: one hopes that it is not a lowering of standards, but rather a more sensitive understanding of the way in which student qualities can be demonstrated.

The University of New Mexico has been particularly successful in the area of minority recruitment. For a number of years now, the University has been
engaged in extensive efforts to improve the enrollment of minorities, women, and other groups underrepresented in graduate education. By almost any measure, the University is now at the forefront of all major state and land grant universities in this endeavor.

In 1977, 19.84% of the students enrolled in graduate programs were minorities and 48.9% were women. The ethnic breakdown was 15.6% Hispanic; 2.5% Native American; 1.3% Black; and 0.6% Oriental. These figures, among the highest in the nation, represent a continued increase over the last three years. Some UNM colleges and individual graduate units have been particularly successful in minority recruitment. The College of Education with 24.2% and the Division of Public Administration with 27.6% are examples. Eight of the twenty-two departments in the College of Arts and Sciences have graduate minority enrollment greater than 10%. In general, UNM departments with low enrollment of minority students are in fields that have low percentages of minority students receiving baccalaureate degrees nationally, reflecting a low level of participation, currently, by minority students in the disciplines concerned. Evidence of national recognition of progress in this field may be seen in the success of the University in competition for funds under Title IX of the Higher Education Act (the Graduate and Professional Opportunities Program) and in the number of minority students supported by fellowships such as those offered by Ford Foundation, the American Psychological Association, and the various USOE programs. Continued improvement of our efforts in recruiting and retaining students from the underrepresented groups is a high priority.

Along with this development, which is essentially evidence of the University adjusting to its demographic context, there have been a number of other developments that represent a new and important acceptance of special
local needs and resources. The science and engineering programs have
developed in close relationship with the federal laboratories such as the
Los Alamos Scientific Laboratory and Sandia. A number of humanities and
social science programs have taken full advantage of the University’s
Hispanic context by developing strong interests in Latin America: these
emphases are clear not just in the Romance languages programs and in the
specific doctoral program in Ibero-American studies and master’s program in
Latin American studies, but also in such degree programs as sociology, busi-
ness and administrative sciences, economics, history and education. Bolster-
ed in part by funds available for salvage archaeology, anthropology has built
up its strength in regional studies; it, too, has developed Latin American
strengths. Thus, even without any clearly established central statement of
missions, graduate programs have developed strengths particularly related to
the local southwestern context.

Size and quality have continued to increase in spite of inadequate
resources for support of graduate programs. In the last five years, the
availability of bond money and an internal administrative reorganization have
led to an immense strengthening of the Library. The base starting point was
low, so that there has not been a complete catching up to the required
standard, but the change has been remarkable. Unfortunately, the future of
the Library is seriously threatened by projected inadequate funding; if this
cannot be corrected, the ability of the University to maintain its present
range of graduate programs will be seriously threatened.

There has been a corresponding lack of resources to provide equipment
and facilities to keep all programs up to the desired standards. Science and
engineering departments have found difficulties in maintaining the appropriate
level of equipment and the needed supplies budget to do all the work they feel
necessary. Travel funds have been reduced to an embarrassingly low level. Direct support of graduate education in the form of fellowships provided within the regular budget of the institution has been very low, and allocation of teaching and graduate assistantships has been based on the instructional needs for lower division programs rather than on the quality of needs of graduate programs. In some ways, one has the impression that graduate programs have been maintained and strengthened more on the basis of the will of the faculty than on the basis of administrative encouragement.

In looking to the future of graduate programs at the University of New Mexico, a number of critical issues emerge. Of greatest urgency is the development of some mechanism for planning and allocation of priorities within the institution in the face of tightening resources. Numbers of steps have been taken to meet this need: the development of an improved academic information system; the adoption of a policy and program for regular evaluation of academic units; the establishment of a long range faculty planning committee; and most important, the move towards an academic planning mode within the Office of the Provost. Without these developments, it is difficult to see how the University will be able to maintain graduate programs of appropriate quality.

In developing these plans for the future, appropriate priorities will need to be determined not just for individual programs but for four major competing emphases. The first of these is the question of the relative emphasis to be given to professional as opposed to academic programs. The professions, being more job related, tend to fluctuate in demand according to the state of the market: fields like law, business, and engineering often have marked increases in student enrollment for a short period, followed by cyclical reductions.
A second question is the relative emphasis to be given to doctoral and master's programs. In recent years, it might have been that the glamour of conducting a doctoral program has led to the more ambitious increase of such programs than the University can in fact support: one might question whether with its present and anticipated resources the University can in fact support twenty-one doctoral programs, or doctoral programs of the size of those presently being undertaken in, for example, Education. There appears to be a natural on-going reduction in the number of students in doctoral programs; one issue that will need to be faced in the future is whether to cut down on the number of doctoral programs, or whether on the other hand to attempt to develop methods of maintaining small but high quality doctoral programs alongside larger service oriented master's programs.

Related to these two questions is the question of the emphasis to be given to pre-service and pre-professional training as compared to the emphasis to be given to in-service training. The increasing numbers of part-time master's level students are probably made up in large measure of professionals who wish to add to their qualifications for their present positions; some graduate programs are adapting to meet this new audience. One kind of adaptation is the development of programs off-campus. For some twenty years, the University has operated a resident graduate center at Los Alamos. Based on this model, and in response to local interest, a center for graduate studies is now in its third year of operation at Santa Fe and now is supported by state funding. Experimental resident graduate programs are being conducted by two departments in the College of Education at Gallup. These off-campus programs have special problems, but seem to fit very real needs.

In the last two or three years, the University has been moving to a reorganization of the responsibility for its graduate programs. Rather than
treating the Graduate School as a theoretically separate college under the
control of a University-wide Graduate Committee, responsibility for graduate
programs is being moved as much as possible to college graduate committees;
the Dean of Graduate Studies is now seen as a staff officer of the Provost;
a Faculty Senate Committee on Graduate Programs and Standards will attempt to
maintain university-wide coordination. Neither the exact model, nor the
implications of the changes are yet clear, but the opportunity is there for
greater faculty involvement in the maintenance of standards for graduate
education.

If present trends continue, there are excellent opportunities for a full-
er recognition both within the University and the State of the special
mission of the University of New Mexico to maintain the widest possible range
of quality graduate and professional programs. While additional resources
are needed to establish such a program to its potential, the basis is there.

Comments on Specific Graduate and Professional Programs

Architecture & Planning

During the period under review, the size of the graduate program in
Architecture rose rapidly, almost tripling between 1970 and 1974. Since
then, a policy has been adopted internally to reduce enrollment to a more
manageable level. The internal organization of the program has been exten-
sively revised to meet professional accreditation requirements, and a
proposal is now under consideration to separate the degrees in architecture
and in community and regional planning.

Arts & Sciences

Overall, about one-fifth of the instructional resources of the College
of Arts & Sciences, as measured by faculty salaries, is committed to
instruction at the graduate level. A large amount of graduate instruction continues to be given in combined upper division/graduate courses.

American Studies

The doctoral program in American Studies is the oldest at UNM and is the best example of an attempt at an interdisciplinary program. Its interdisciplinary nature made it particularly sensitive to many of the innovative trends of the late sixties, leading both to an increase in numbers, and in the opinions of some, a potential compromising of standards. In the last few years, strong and increasingly successful attempts have been made to balance the necessary and useful tension between traditional scholarship and contemporary relevance. In the last year or so, there has been tightening up in admission standards and in the review of the various stages of student progress towards the degree. Graduates appear to be very adaptable to the job market. Because it is interdisciplinary, the department relies on the willingness of faculty outside to support the doctoral program.

Anthropology

The program benefits from continuing recognition of its central importance within the University. It is strong, with unique potential for excellence. The department appears to recruit well at the graduate level and to admit very good students; the availability of employment in the Office of Contract Archaeology and in the Museum makes the level of support for graduate students reasonably good. Both archaeology and biological anthropology have great strength and well-deserved national reputations. The department is working to improve the coordination of the graduate program in order to deal with two problems that have been noted: the slowness with which many students complete degrees and the
disappointing attrition that takes place.

**Biology**

In the last few years, the department has come to grips with the problem it faces in trying to maintain a quality graduate program with what is a comparatively small faculty. The decision has been made to concentrate on environmental biology at the graduate level, and recruiting of faculty is now being concentrated in this field with considerable success.

**Chemistry**

In the past ten years, there has been steady improvement in the department's graduate and research programs. There is an active recruiting program and rigorous testing during the first year of the graduate program; the placement of graduates has been very successful.

**Communicative Disorders**

The department offers professional graduate programs in speech pathology and audiology. There is strong demand for admission by well qualified students and good evidence of local need for trained professionals in the field. The program has become involved in some major research and developmental work with the speech and language problems of Navajo and Pueblo children.

**Economics**

Faced with difficulties in providing financial support for graduate students, the department decided to develop its research program in the area of natural resource economics not just as a way of filling this need for student support but also in order to concentrate its strength. The strategy is now starting to pay off and there is a strong doctoral program in the field. Plans are under consideration for developing an
evening master's program, in order to reach potential students of a less traditional kind.

**English**

There has been growing academic strength in the departmental faculty. The size of the graduate program is decreasing. Some 60% of Ph.D.s over the last five years have full time academic employment in standard academic positions.

**Geography**

The master's program is small and of good quality but it has developed to a level of sound quality. The proposal to place the state climatological center within the department will provide an opportunity for continued growth.

**Geology**

Geology is one of the strongest graduate programs in the University; the faculty maintain a high standard of research and publication, there is careful and effective recruiting of students, the teaching program is well articulated, and graduates are well placed.

**History**

In recent years, the department has been working to overcome some of the problems encountered as a result of rapid expansion in the graduate program that added teaching assistants to handle lower division courses without at the same time providing resources to support the graduate instruction needed. There has been a tightening up in admission standards and a move to focus attention on Western American and Latin American history. The department is developing plans for reaching a wider audience with its M.A. program: this includes making it possible to obtain a degree in courses taken in the evening and plans to develop
off-campus activities including in-service content courses for school teachers.

Ibero-American Studies and Latin American Affairs

Ibero-American Studies provides an interdisciplinary Ph.D. program combining history and literature. Graduates continue to be well placed. Latin American Affairs offers an interdisciplinary master's program. An important recent development has been a joint program with the School of Management. Both programs have the advantages and difficulties of interdisciplinary programs; the recent decision to reorganize the University's Latin American emphasis under a coordinated Latin American Center should lead to continued strengthening of work in this area and should be very valuable to these two degree programs.

Linguistics

The master's program in language sciences began in 1976. Building on a multidisciplinary base and taking its shape from the multilingual environment, the program has potential for growth into major strength, provided the dangers of being forced to depend on interdepartmental cooperation can be overcome.

Mathematics & Statistics

Ten years ago, the department received an NSF Center for Excellence grant. While the University was not able to provide resources after the expiring of the grant to keep up the impetus originally hoped for, the grant did provide a solid basis on which it is possible to continue to build. The department is working to rejuvenate the graduate program in order to produce "mathematicians trained in new ways, in new roles, and at new levels." The programs in applied mathematics and applied statistics are being strengthened; there have been strong and increasingly
successful attempts to recruit students from minorities and other under-represented groups; and there is encouragement of increased research activity.

**Modern & Classical Languages**

The department offers master's programs in Spanish, Portuguese, and French and has for the last ten years offered a combined Ph.D. in Romance languages. In recent years, it has suffered from the lowered interest in foreign languages. The change from a Ph.D. in Romance Languages was intended ten years ago to form the basis for an integrated program, but it has proved very difficult to put into effect: the various sections of the program have continued to work fairly independently. Spanish is considered a priority area in the University. Portuguese was recently reviewed by external consultants and found to be of high quality. A visiting review team has just presented recommendations on future directions for the program in French.

**Philosophy**

The department aims to offer a small but broad graduate program and is maintaining high quality. Placement of graduates is excellent.

**Physics & Astronomy**

The program is a sound one, making wise use of the connections with Los Alamos and Sandia, and working to adjust the graduate program to recognize both the changing situation in the academic marketplace for graduates and special needs of people employed in the federal laboratories.

**Political Science**

Until the 1970's, most emphasis was on the undergraduate program: the first Ph.D. was awarded in 1972. There has been a strong increase in
the level of faculty research activity. The graduate program emphasizes Latin America, multiculturalism, and natural resources.

**Psychology**

Psychology has grown into one of the strongest graduate programs in the University. The strategy has been followed of developing an integrated program around a core focus: the base has been the experimental learning program, to which strong programs in the fields of clinical and developmental psychology and of psychobiology have been added. There is very high student demand, good recruitment of minority students and careful selection of students for admission, a well organized program, and excellent placement of graduates.

**Sociology**

The department, strengthened and reorganized from problems in the late sixties, now has a growing graduate program. A newly instituted Ph.D. program has given reason for focusing the program into two areas: social deviance, and Latin American studies.

**Speech Communication**

The department conducts a good sized master's program and is at present analyzing its future directions.

**Education**

The College offers graduate degrees for personnel in education and in a number of other fields including recreation, home economics, and community health. There has been increasing emphasis on graduate level in-service training. The number of master's degrees awarded has doubled in the last ten years; the number of doctorates awarded tripled during the same period. The expansion was more rapid than resources committed, and anticipated reductions will probably lead to increased quality. Ten years ago, the doctoral program
was clearly a college responsibility, but over the years each department has come to act independently. A two-year review is now culminating in a proposed reorganization of the doctoral concentrations that will confirm this change and possibly include provision for interdepartmental concentrations. Departments are optimistic about continued growth, and there is good reason to believe that the development of off-campus programs will permit growth at the master's level.

**Engineering**

While the main emphasis in the College of Engineering continues to be on undergraduate programs, the graduate programs have maintained good strength. The largest program is in Electrical Engineering and Computer Science. It is a program of national stature that is recently moving effectively into the recruitment of underrepresented groups. A small but stable graduate program is maintained in Mechanical Engineering. The program in Civil Engineering offers a number of strong graduate options and is playing a major role in providing high quality in-service professional training. Chemical & Nuclear Engineering are small but sound, one of their main difficulties being the recruitment of graduate students. A new program in Computing & Information Science spent some time as an independent division but is now a department in the College of Engineering. Major efforts have been made to improve the strength of the program, and plans are developing for doctoral level work.

**Fine Arts**

Art

Art is one of the strongest graduate programs in the University. The size of the graduate program has been doubled over the past ten years and there has been major growth in quality as well. The Art History Ph.D. that was added in 1968 and the moving to the University of New
Mexico of the Tamarind Institute in 1969 set the tone for a decade of excellence. The graduate program in Art is one of the most selective on campus, and the four Guggenheim Fellowships awarded to faculty members in the last four years is just one evidence of the major strength of faculty. This strength has been achieved by very careful use of the quite minimal resources provided to the department.

Music

A small graduate program is maintained. Following an external evaluation, work is underway to revise the graduate program in Music Education.

Theatre Arts

A master's program was authorized two years ago and the first group of graduate students was admitted. No new students have been admitted this year.

Law

A policy has now been approved to make it possible for students to pursue a degree in Law at the same time as pursuing some other graduate degree.

Management

There has been rapid growth in the size of the MBA program. The School is developing an emphasis on lifelong management education. There is a well planned doctoral program with a Latin American emphasis, a multidisciplinary approach, and a planned cooperation with Mexico. There has been restraint in admitting students to the doctoral program; it has been purposely kept small until resources are available to implement it fully.

Medical Sciences

The basic medical science departments in the School of Medicine combine to offer a master's and doctoral degree in medical sciences. The programs are
small, depending essentially on support that the departments can generate for themselves, but maintain high quality of standards.

Nursing

A master's degree has just been approved and has admitted its first students.

Public Administration

In the nine years since it was established, the Division has grown into one of the University's largest graduate degree granting programs and is making a strong effort to respond to the continuing student demand for training in public administration. The program is probably among the most relevant at the University: there is a first class record of recruitment of students from normally underrepresented groups; there are special programs in energy management, Indian administration, public science policy and administration; and the program has spearheaded the development of the Center for Graduate Studies in Santa Fe. All this development has been achieved with minimal resources, depending in large part on the contribution of faculty outside the Division.

The Office of Graduate Studies: Administration

1. Mission

The mission of the Office of Graduate Studies is defined by the Faculty Senate as "furthering and maintaining excellence in graduate education and coordinating comprehensive planning for the future." Specifically, the mission of the Office falls into five main areas:

a) furthering excellence,

b) coordinating planning,
c) providing central administrative service for graduate student admissions, records, graduation, and financial aid,
d) providing assistance and counseling for graduate students and prospective students; coordinating recruitment;
e) providing leadership and assistance to faculty and administrative groups working in the area of graduate education.

Within the areas of the mission defined above, the Office has the following goals:

a) To serve as the intellectual conscience for the institution, and to help maintain (or establish) traditional standards of excellence while encouraging flexibility to meet new social needs;
b) on the basis of improved systems of evaluation, to propose new policies and to integrate graduate education into academic planning at the university;
c) to develop techniques and policies that will recognize increased local faculty responsibility for graduate education while providing more efficient centralized record-keeping, monitoring, and reporting;
d) to continue and increase recruitment and retention of qualified members of underrepresented groups; and
e) to continue to improve communication with faculty members, administrators, and faculty committees concerned with graduate education.

2. Services

In carrying out its mission and working toward its goals, the Office of Graduate Studies provides the following specific services:

a) administers and monitors university, college and departmental policies concerning approval of new degree programs and of courses for graduate credit and instructors for graduate instruction,
admission and progress towards degrees of students, appointment of committees of studies, examination and dissertation committees; final approval of theses and dissertations;
b) analyzes and interprets statistical data concerning graduate education; encourages and assists in coordination of academic review and evaluation; develops policies affecting graduate education; advises the Provost on appointments, promotion, tenure and budget affecting graduate education; coordinates activities with other universities within the state and elsewhere for cooperative programs; provides liaison through the New Mexico Council of Graduate Deans with the Board of Educational Finance;
c) processes admissions, maintains graduate student files, carries out candidacy and graduation check, administers graduate student financial aid, assistantships, and fellowships;
d) encourages and assists departments in minority student recruitment; provides assistance and counseling to graduate students and others; and
e) provides staff support as requested and as possible for faculty committees concerned with graduate education; acts in staff relation to the Provost on matters affecting graduate education.

3. History and Current Status

The Office is at the moment in a state of transition as ways are sought to implement a Faculty Senate plan calling for partial devolution of authority in graduate matters to college faculty committees. While the University of New Mexico had a Graduate School from 1919 on, there was never any formally established graduate faculty. Authority in graduate matters was vested in the Dean of the university-wide Graduate Committee. In recent years, this
organizational structure was questioned for a number of reasons. First, the issue was raised of possible independence from central control of graduate programs in the professional schools. Second, it was asked whether one could have a graduate school without a formally constituted graduate faculty. Third, the establishment of the Faculty Senate called into question the need for a faculty committee independent of the Senate. As a result, the Graduate School was replaced by the Office of Graduate Studies, the Graduate Committee was replaced by a Faculty Senate Committee on Graduate Programs and Standards, the Dean of Graduate Studies was defined as a staff officer reporting to the Associate Provost for Academic Affairs as in the case of college deans, and the Faculty Senate decided to move many specific responsibilities from its committee to college graduate committees.

A number of questions remain unresolved, and will need to be worked out in the next year or two. The basic uncertainty is how the various college graduate committees will choose to carry out their functions. Once this is clear, there will need to be flexibility in the organization of the Office of Graduate Studies either to provide appropriate staff and clerical support to the college graduate committees or to find some other administrative mechanism to support the committees while continuing central monitoring. Similarly, the relations of the college committees with the Senate and its committee and of the Graduate Dean with the various committees involved will need more precise definition.

The Proceedings of the 1977 Meeting of the Council of Graduate Schools includes a report of a workshop discussing the graduate school in the university administrative structure which says that "those who state that there is no diversity and no innovation in graduate education should study the intriguing and ingenious ways in which American universities have attempted to cope
with the problem of defining areas of responsibility for graduate deans." The report goes on to discuss the many different organizational structures attempted by American universities to resolve some of the tensions created by the multiplicity of missions they try to handle. The reorganization currently being attempted at the University of New Mexico is a sign of dissatisfaction with the working of the old system, although the difficulty of working out a new structure is evidence that there is no consensus on an ideal system. This uncertainty can be interpreted as a weakness, for it means that the authority of the Office is easily questioned. At the same time, it has potential for strength, for it requires that the Office establish the validity of its opinions by argument and evidence rather than by authority. Difficult as this might be in practice, it is probably a desirable challenge to set to a unit that believes in the value of rational discourse. Graduate deans and offices can have authority, authority for instance delegated to them by a graduate faculty or by an administrator or authority conferred upon them by having access to discretionary funds. A major strength in the present organization is the direct access that the Graduate Dean has to the Provost; weaknesses are the absence of discretionary funds (one of the results of the separation of the function of Graduate Dean and Associate Provost for Research) and the lack of clarity of relation to graduate faculty. A major strength has been the quality of senior faculty members willing to serve as associate deans and assist, through their powers of persuasion, to maintain standards of graduate education in the University.

4. Future Directions

Given the uncertainties referred to about the role of college graduate committees, it seems best to maintain flexibility in planning for the future. The Dean of Graduate Studies, as head of the Office of Graduate Studies and
staff officer to the Provost, will continue, in the words of the Faculty Senate resolution, to "be responsible for furthering and maintaining excellence in graduate education." In anticipation of the presumed reduction of workload, the academic FTE of the office was reduced in 1977 from 2.67 to 2, (the dean and associate deans are each on .67 FTE appointment making it possible for them to maintain teaching responsibilities). The restoration of the third associate dean position is probably not necessary for the monitoring function but its absence is a severe limitation on the coverage of fields possible by the remaining three academic deans and on the ability of the Office to provide leadership in program development and innovation. If college committees are in fact able to exert strong leadership and to monitor effectively standards within their own colleges, it should be possible to continue operating at this reduced strength.

In the area of encouraging flexibility to meet new needs, one of our most important recent thrusts has been the development of quality graduate education off campus. The Center for Graduate Studies at Santa Fe follows the successful model of the Los Alamos Center and provides a framework for continued efforts to provide graduate instruction to qualified students at places other than the main campus in Albuquerque. At some stage in the future, it might make sense to establish an associate deanship with primary responsibility for the off campus centers.

The proposed policy on academic unit review at present before the Faculty Senate will provide an opportunity to institutionalize and regularize a process of evaluation established originally through the initiative of the Graduate School. On two occasions in the last ten years, the Graduate Committee carried out major reviews of graduate programs and during the same period the Graduate School completed a series of external reviews funded by a
Danforth grant. The Office of Graduate Studies has taken initiative in encouraging the development of a formal mechanism for regular review and will probably bear a major responsibility in the future for coordinating this review process. The real value of the review will depend on tying its results to decisions on budget allocation, and the Office of Graduate Studies will therefore need to be very closely involved in the development of an academic planning mode at the university.

Two years ago, the Office developed specifications for a graduate record keeping system. The notions developed in this work are presently being integrated into the work of a university-wide task force on student records. Implementation of the new system over the next two years should make possible a major increase in efficiency of the record keeping and reporting functions of the Office. It is at present assumed that the Office of Graduate Studies will have major responsibility for entering data concerning graduate students into the system; at the same time, the principle of partial devolution discussed above has a major implication that the locus for many decisions concerning graduate students will be at the departmental or college level rather than central. If it is set up properly, the new system should be able to respect this local autonomy while providing for appropriate centralized monitoring and reporting. Once the system is in place, it might be possible to reduce the number of nonacademic staff employed in the Office; that level was 9 FTE from 1969 until 1978 when reorganization made it possible to reduce it to 8.1 FTE.

In the past, the main activity in recruitment of qualified members of underrepresented groups as graduate students has been through exhortation and information. Various new initiatives will be tried in the future: the University has just joined the Western Name Exchange, a consortium of a score
or so of Western universities who will exchange names of senior minority students. A proposal to USOE under Title IV of the Higher Education Act has requested funds for fellowships for minority students and also for an institutional grant to support two needed activities: the hiring of a coordinator of minority student recruitment, at the assistant or associate dean level, and the provision of funds for departments to carry out recruitment visits. If money to support these plans cannot be found through federal grants, they will need to be given a very high priority in the budget of the Office.

There are three areas in which additional funds could play a major role in assisting the Office of Graduate Studies to stimulate excellence within the institution. The first of these is in additional funding for graduate fellowships. At the moment, there is one graduate fellowship awarded by the university for excellence. The importance of this fellowship is not just in the award itself but in the way that it helps define the nature of excellence. It would make considerable sense over the next few years to add several more such fellowships for both beginning and advanced graduate students. Second, it would make a very great difference to the actual and perceived role of the Office of Graduate Studies if it were in a better position to make available a limited amount of funds for lectures and colloquia especially in interdisciplinary and innovative areas of relevance to our graduate programs. Thirdly, to strengthen the monitoring of quality of dissertations, it will become increasingly important to have funds available to pay the expenses of outside members of dissertation committees.

These plans assume minimal additions to the administrative costs of the Office of Graduate Studies: of much higher priority within the institution is the provision of funds at the program level to support excellence in graduate education.
I-A. GENERAL INFORMATION

A1. Accreditation

Consistent with the schedule set by the National Architectural Accrediting Board, the School was again visited in November, 1978 by a representative Team consisting of Constance Perrin, Ph.D., and John Spencer, Chairman, Department of Architecture, Hampton Institute.

The visit occurred over a three day period and served as a welcome device for further self evaluation and a presentation of our Graduate Program in Architecture.

The report by the Visiting Team was entirely favorable and the School retains its accreditation until the next formal evaluation scheduled for sometime in 1982.

A2. The New Wing

Completion of the Graduate Studio Wing to the School was unfortunately delayed by early plans which exceeded budget allocation. The building went under construction in mid-winter and is scheduled for completion and occupancy in October, 1979. It will add 3,000 square feet of much needed studio accommodation for the graduate classes.

A3. Enrollment

Enrollment has dropped slightly this year from 128 to 115 FTE students. At the graduate level there were many last minute "no shows". This coming year should show an increase in both...
undergraduate and graduate enrollment as a more vigorous enrollment process has been introduced.

A4. Courses Offered

A total of 62 (including problems courses) were offered in the School in the Fall Semester, totaling 2,740 student credit hours; and 82 (including problems courses) in the Spring, totaling 2,261 student credit hours.

A small but effective Summer Program (1978) was run with 18 (including problems courses) offered to 68 students for a total of 82 student credit hours.

A5. Graduates

The following number of students were graduated from the School:

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduates</td>
<td>4</td>
<td>9</td>
<td>29</td>
</tr>
<tr>
<td>Graduates</td>
<td>7</td>
<td>4</td>
<td>7</td>
</tr>
</tbody>
</table>

A6. A New Undergraduate Degree and Curriculum Revisions

Culminating many years of debate within the Faculty, the move from a program with no specific course requirements current in 1975 to a new set of core course requirements were adopted and made official in the new University Bulletin.

At the same time a separate undergraduate degree - Bachelor of Arts in Environmental Design was added to the School. The traditional B.A. in Architecture has a more rigorous "pre-professional" core, the new degree allows more freedom in elective courses.

A7. Graduate Planning Program

During the course of this year a proposal to offer a new graduate program with the degree of Master of Community and Regional
Planning was proposed and processed through the many levels of review within the University.

Associate Professor WILLIAM SIEMBIEDE was responsible for this work. The proposal was approved by all necessary Faculty Committees, endorsed by the Provost and Administration; finally at its meeting in June, the Regents endorsed the proposal.

It is hoped that the Bureau of Educational Finance will act favorably in the Fall and this will make possible the creation of a long needed new Graduate Planning Program for New Mexico. The first students will be admitted for the 1980-1981 academic year.

A8. Service to the State

a. The course on Rural Environment Planning offered by Professor PETER MONTAGUE continued to develop concepts and methods for planning in rural New Mexico. The class completed a piece of work for the now rural, but developing, area of Edgewood. The work was much valued by the people of that community. The Farmers Home Administration, having responsibility for housing and other services in such areas, was sufficiently impressed with the potential of this work to solicit a grant proposal. With this writing, the proposal is complete and in the hands of the FHA. The subject area for study (if awarded) will be Chama, New Mexico and it will be done through the DPAC and CERD.

b. The Design and Planning Assistance Center (DPAC)

The DPAC, the community service arm of the School of Architecture and Planning at the University of New Mexico, provides design, planning and research assistance to groups and communities throughout New Mexico who cannot pay professional fees for these services. Students who are enrolled in ARCH 498 work at the DPAC along with
During the past year students have worked on a variety of community initiated projects including: day care facilities, playgrounds and recreational development, Navajo group homes, camping facilities, village mapping, a student center, a solar retrofit, an arts and crafts center, and various research projects. Design and Planning Assistance Center staff worked on 43 projects during the year.

The results of a previous DPAC project was published in January, 1978, "Subsidized Housing in Albuquerque: Design Evaluation, Analysis and Recommendations; An Evaluation of Subsidized Housing with Design Recommendations" by Dennis Hanson, Min Kantrowitz, RICHARD NORDHAUS and Robert Strell. It was published by the Albuquerque/Bernalillo County Planning Department.

The DPAC Advisory Board was organized in late 1977 and has been active during the past year. Ten of the 20 Board Members represent the statewide community served by the DPAC, and 10 members represent Staff, professions related to DPAC work, and the University. Major board activities include planning, evaluation, fund raising and acting as a resource to the DPAC Staff. The Board will also set annual program goals and objectives.

c. The Center for Environmental Research and Development

This service center was inactive this year save for the decision to re-structure it. The CERD will no longer be associated with the Institute for Applied Research Services. It will be realigned to co-function with the DPAC and that board will act also in an advisory capacity to the activities of CERD.
d. The Institute for Environmental Education

Under the sponsorship of this group led by Professors WOLFGANG F. E. PREISER and ANNE TAYLOR, a course was offered in the Fall Semester for teachers in the public school system. It focused on the environment as a subject area for teaching.

A two part workshop was given for teachers at the Mescalero School System. The subject was, "Learning Environments".

e. Statewide Community Planning Workshop

The first of what we hope to maintain as an annual event; this two day workshop coordinated by Professor WILLIAM SIEMBIEDA attracted 40 practicing planners from all over the State. In addition to the specifics dealt with, an agenda for future meetings was established. The workshop brought local and out-of-state experts to focus on typical issues of planning for growth in New Mexico.

f. The Historic Building Inventory for the State of New Mexico is well underway under the guidance of Professor EDITH CHERRY.

g. Project Native Problem/Research, continuous from Spring Semester, 1978. During the Spring Semester, 1979, the Project Native crew (four students and Lecturer BAKER MORROW) accomplished a 10 acre experimental native plant seeding of the Big I Interchange with volunteers from the Committee For The Big I. It is the first example of a low cost, broad scale landscape planting in a high altitude area in New Mexico. Our experiments from earlier semesters indicate that it has a good chance of working.

h. Project Native Booklet, "Plant Native With Seeds", completed May, 1979. Research results with practical applications from our
past three semesters of teaching courses in Landscape Design and Plant Materials, will be published as UNM/School of Architecture and Planning Monograph No. 3. It includes photographs, illustrations, and specific plant descriptions.

A9. Visiting Lecture Program

The following persons were brought to the School to give formal lectures. These were often accompanied by informal meetings with students in their class settings or coffee hours following the lecture:

Irwin Altman, Ph.D., Author and Professor at the University of Utah, "Privacy and Territoriality in Architecture".

Helmut Borcherot, Architect, West Germany, "The Humanist Tradition in European Architecture".

Mark Brecht, Professor, Department of Psychology, University of New Mexico, "Human Factors Engineering in Design".

Carolyn Dry, Architect, Professor, University of California at Berkeley, "Fantasy Architecture in Teaching".

Carl Edwards, "Mobile Homes and The American Scene".

Lloyd Englebrech, Historian, "The Work of Architect Trost".

Aase Ericksen, Ph.D., National Coordinator, Architects in Schools, "Designing Schools of The Future".

Ervin Galantay, Professor, Ecole Polytechnique, Lausanne, Switzerland, "Planning for Cities in The Third World".

Edward Mazria, Architect, "Passive Solar Design".

Gary Moore, Professor, University of Wisconsin, "Designing Childrens' Environments".

WOLFGANG F. E. PREISER, Ph.D., Professor of Architecture, University of New Mexico, "Facility Programming and User Needs".
Robert Sommer, Ph.D., Professor, University of California at Davis, "How to Harmonize Architecture".

John Hirten, AICP, former Assistant Secretary, Urban Transportation, "Moving About in Cities".

MORTON HOPPENFELD, Dean, School of Architecture and Planning, University of New Mexico, "Planning And Design of The New State Capital For Alaska".

Allan Jacobs, Professor, University of California at Berkeley, former Director of Planning for City of San Francisco, "Making Urban Design and Planning Work".

Dennis Kilper, Professor, University of Virginia, "Architectural Theory and Method in Teaching".

A10. The D. H. Lawrence Summer Workshop - 1979

A group of Faculty were given the opportunity to conduct a Summer Workshop in Appropriate Technology at the D. H. Lawrence Ranch. This group spent countless hours in planning and organizing for the four week event. Twenty-eight students from many parts of the country have enrolled and it is hoped that this will be a precedent for a continuing summer series.

A11. Special Grants and Studies

a. A National Science Foundation grant for $12,000 was received to study Rural vs. Urban School Playgrounds - Guidelines for Community Involvement.

The Principal Investigator is Graduate Student, KEVIN ROHANE.

b. A UNM Research Allocation Committee fund grant of $1,500 was given to students under the direction of Professor WOLFGANG F. E. PREISER to study Visual Quality of the UNM Campus.

c. A National Science Foundation SOS Program grant of $11,000
was received to study Accessibility for the Handicapped: A Self Evaluation Technique for Public Buildings. Professor WOLFGANG F. E. PREISER was the Faculty Advisor and Graduate Student KATHERINE GRAY was Project Director. The work has been printed in document form and disseminated widely.

d. The following is a listing of proposals submitted but not yet funded:

"Equipment for Instruction in Environmental and Building Use Analysis", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the National Science Foundation, ISEP Program in the amount of $13,000.

"Information Guide to the Design and Behavior Field", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the National Science Foundation in the amount of $9,996.

"Policies, Practices and Experiences in Environments for the Elderly - Alternative Concepts and Future Directions", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the National Institutes of Health, Department of Housing and Urban Development, HUD International, Community Services Administration, HEW, Model Programs, AOA, German Marshall Fund of the USA in the amount of $57,130.

"Improving Built-Environment Education Courses for Environmental Design, Education, and Social Science Undergraduates", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the National Science Foundation, LOCI Program in the amount of $17,000.

"Enhancing Outdoor Campus Life - A Cross-Cultural Game Area", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the Greater UNM Fund in the amount of $800.
"Center for Environmental Design Education", Professors ANNE P. TAYLOR and WOLFGANG F. E. PREISER, Co-Principal Investigators, to the National Endowment for the Arts in the amount of $33,450.

"Teacher Training in Environmental Science Foundation", Professor ANNE P. TAYLOR, Principal Investigator and Professor WOLFGANG F. E. PREISER, Co-Principal Investigator, to the National Science Foundation, SERI Program in the amount of $39,700.

"Equipment for Instruction in Environmental and Building Use Analysis", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the National Science Foundation, ISEP Program in the amount of $25,450.

"Guidelines for Controlling Visual Quality and Compatibility in Architecture", Professor WOLFGANG F. E. PREISER, Principal Investigator, to the National Endowment for the Arts in the amount of $7,800.

"Dissemination of Environmental Education Information: Training of 4th - 8th Grade Teachers", Professor Paul Tweeten, Principal Investigator and Professor WOLFGANG F. E. PREISER, Co-Principal Investigator to the National Science Foundation, Science Information Dissemination Program in the amount of $43,700.

A12. New Courses of Note

a. Computers in Architecture

The availability of a computer terminal in the School enabled the offering of a new seminar. The expectation is to continue this seminar annually in order to develop a student following in the
subject area. The seminar was led by Graduate Student JOHN PECK.

b. Design With Environment

Taught by Associate Professor PAUL LUSK. This course proved to be very popular and is a manifestation of the School's basic approach to a regional and responsive architecture.

c. Seminar in Plant Materials

This was a new course offered in the Spring of 1979. It concentrated on horticultural studies as an aid to architectural and landscape architectural design.

A13. Contributions - Grants and Scholarships

Following is a listing of contributions to the School:

<table>
<thead>
<tr>
<th>DONOR</th>
<th>AMOUNT</th>
<th>PURPOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brink Jackson</td>
<td>$200</td>
<td>Student Scholarship</td>
</tr>
<tr>
<td>Perkins &amp; Will, Architects</td>
<td>$300</td>
<td>General Fund</td>
</tr>
<tr>
<td>New Mexico Painting Contractors</td>
<td>$800</td>
<td>Student Scholarship</td>
</tr>
<tr>
<td>New Mexico Concrete Masonry</td>
<td>$130</td>
<td>Student Scholarship</td>
</tr>
<tr>
<td>Albuquerque Chapter AIA</td>
<td>$100</td>
<td>Student Scholarship</td>
</tr>
<tr>
<td>John J. Heimrich, AIA</td>
<td>$350</td>
<td>Student Scholarship</td>
</tr>
<tr>
<td>James Lisenby</td>
<td>$100</td>
<td>General Fund</td>
</tr>
<tr>
<td>Charles Nolen, Architect</td>
<td>$100</td>
<td>DPAC</td>
</tr>
</tbody>
</table>

I-B. THE FUTURE

The School has made a clear commitment to distinguish itself among the Schools of Architecture and Planning by its emphasis and excellence in the fields of solar design, appropriate technology, regionalism, and humanism as a base for the design of environments. This is a fundamental departure from the now much publicized alternatives offered in most schools where style is foremost.

Without question, the action of the Bureau of Educational Finance in granting the Planning Program will have a dramatic influence on the future. The new faculty and students it would generate will infuse the School.
The new undergraduate degree in Environmental Design and the two new core curricula will have an impact which we will study carefully.

I-C. APPOINTMENTS TO THE STAFF

A. Searches were conducted for three positions:

1. Director of the Graduate Architecture Program
2. Coordinator of Technology
3. Introductory Design

After reviewing many applicants, at least six candidates were interviewed; three were offered positions but for personal reasons were unable to accept. In view of this situation, the Faculty decided to temporarily abandon the search for the graduate position and to find someone who was primarily a design teacher (position 3), but with interest and ability to coordinate available local resource people in technology (position 2).

NED CHERRY was offered and accepted this position. He comes from an extensive background in architectural practice in New York City. He has lectured on Building Environment Systems at Pratt Institute in New York. He will join the Faculty as a Lecturer III for the 1979 - 1980 academic year beginning on August 20, 1979.

B. Part Time Lecturers

The following appointments were made for part time lecturers for the Fall of 1978:

1. LARRY ADCOCK to teach Urban and Regional Planning
2. JOB EBENEZER to teach Solar and Appropriate Technology
3. STUART HARROUN to teach Acoustics
4. HOWARD KAPLAN to teach ARCH 201 and 202 Design Studio
5. BOB LOCKWOOD to teach Cost Estimating and Construction
Supervision.

6. ROBERT McCabe to teach in Design Studio
7. BAKER MORROW to teach Landscape Architecture

The following appointments were made for part time Lecturers for the Spring of 1979:

1. ERVIN ADDY to teach Interior Design
2. ROBERT BIGGERS to teach Working Drawings
3. SUSAN DEWITT to teach Historic Preservation
4. JEREMY IOWA to teach Introduction to Design Skills
5. BOB JOHNS to teach Site Planning

I-D. SEPARATIONS FROM THE STAFF

Associate Professor PETER MONTAGUE resigned from the Faculty on May 12, 1979, in order to take a position as Research Associate at Princeton University. While it is a serious loss to the School, it will enable him to pursue the research he is interested in within a rich community of colleagues.

II. BIOGRAPHICAL SUPPLEMENTS (JANUARY 1, 1978 TO DECEMBER 31, 1978)

1. ADVANCED STUDY

Assistant Dean, EDITH A. CHERRY continued to work on a Master's Degree in Anthropology at the University of New Mexico, taking three hours in the Fall and the Spring.

2. SABBATICALS AND LEAVES

Associate Professor RICHARD ANDERSON was given a one year leave to teach at the College of Architecture and Planning, King Faisal University, Damman, Saudi Arabia.

Professor ROBERT COHLMeyer left in the Spring Semester for a year long sabbatical study of new directions in office practice in the United States.
Associate Professor RICHARD NORDHAUS returned in the Spring Semester from a year long sabbatical study of housing in Europe.

3. NEW SCHOLASTIC HONORS, FELLOWSHIPS, ETC.

Associate Professor WOLFGANG F. E. PREISER was listed in WHO'S Who in the West.

4. PUBLICATIONS

MORTON HOPPFENFELD, Dean and Professor

Our New Capital City - A Report to the People - 28 page color newspaper supplement distributed statewide in Alaska.


Associate Professor, PAUL LUSK, is working on a manuscript for a book on design with environment.

WOLFGANG F. E. PREISER, Associate Professor


WILLIAM J. SIEMBIEGA, Associate Professor


OTHER RESEARCH PROJECTS OR CREATIVE WORK IN PROGRESS OR COMPLETED DURING PERIOD

MORTON HOPPENFELD, Dean and Professor

(see above). Completion of plan for new State Capital in Alaska.

Assistant Dean, EDITH A. CHERRY served as the Project Director for the New Mexico Historic Building Inventory sponsored by the New Mexico State Historic Preservation Office grant in the amount of $21,080, through August 1, 1979.

DAVID KAL, Lecturer III

Program development and design for Zia Montessori School, Santa Fe (via private architecture practice).

Associate Professor, PAUL LUSK, wrote and submitted a grant application for the Village of Chama, New Mexico, with the DPAC Staff, to the Farmers Home Administration. Working on energy conservation and solar retrofit on a residence in the South Valley in Albuquerque.

PETER MONTAGUE, Associate Professor

Participated in preparation of a Sector Development Plan for the Coronado-Winrock Urban Center, a project funded by the City of Albuquerque, $20,000 for 9 months.

Received funding from National Science Foundation ($24,900) for a seven month planning study of ways to create a network of existing resources to help scientists and citizens participate fruitfully in public policy processes, study ended in May, 1979.

WOLFGANG F. E. PREISER, Associate Professor

National Science Foundation, $17,100, "Course Sequence in the Design and Behavior Field", NSF LOCAL COURSE IMPROVEMENT PROGRAM, 1977-79 (in progress).


WILLIAM J. SIEMBIEDA, Associate Professor

"Study of the Policy Formation Process for Redevelopment and Development of the Central City". Sponsored by the City of Albuquerque through a $25,000 grant to the Albuquerque Urban Observatory. (In progress).

"Analysis of the Effects on the Downtown Saturday Night Program on Image Change Towards the Central City". (In progress).

"Impact Analysis: The Effects of the Community Development Program on Neighborhood Change in Albuquerque". Sponsored through a grant from the Office of Community Development to the Albuquerque Urban Observatory. (In progress).

Associate Professor, ROBERT C. WALTERS, has in progress a revision of a completed manuscript for a novel and is writing an essay-criticism on contemporary architecture (for publication; Architectural commissions on small scale, and studio work in drawing and prints.

6. ACTIVITIES IN LEARNED AND PROFESSIONAL SOCIETIES

MORTON HOPPENFELD, Dean and Professor

Attended board meetings of Building Research Advisory Board, Washington, DC.

Elected Fellow to the Urban Land Institute.
Assistant Dean, EDITH A. CHERRY served on the Committee on Architectural Education for ACSA; attended ACSA Convention in Savannah, GA, in April, 1979; served on the NAAB Visiting Team to Colorado University in April, 1979.

PETER MONTAGUE, Associate Professor

WOLFGANG F. E. PREISER, Associate Professor
ASMER Board Member and Contributing Editor, Man-Environment Systems Journal.
First Vice President, International Organization for Human Ecology.
Editorial Board Member of the Journal of Architectural Research.

DON P. SCHLEGEL, Professor
National Architecture Accrediting Board - Tuskegee, Houston and Minnesota
Two national meetings of ACSA in Arizona.
AIA, Albuquerque Chapter, Member of the Board.
AIA, National Continuing Education Committee.
WILLIAM J. SIEMBIEDA, Associate Professor
Attended meetings of the Association of Collegiate Schools of Planning Meetings as the School representative for the purpose of curriculum development, September, 1978.

7. OTHER PROFESSIONAL ACTIVITIES

Assistant Dean, EDITH A. CHERRY, through her architectural practice did work on a multi-purpose Center and Youth Development Building for Bernalillo County; miscellaneous residences; Huning Highlands Guidelines with the Architectural Research Consultants.

Associate Professor, PAUL LUSK, was consultant with the NCLD Association on the North Valley Rio Grande River crossing. Consultant on drainage plans and subdivision design for the North Albuquerque Acres Subdivision; consultant on a solar designed residence in Renssealer, New York.

PETER MONTAGUE, Associate Professor


Appeared in hour-long television discussion of radioactive waste management in Las Cruces, New Mexico in August.

Testified before Department of Energy hearings in New Mexico and Texas on radioactive waste management.

Participated in a Ford Foundation funded series of meetings with industry, university and environmental group representatives at Keystone, Colorado, on radioactive waste management during August, October and December, 1978.

Made two presentations to the Junior League of El Paso, Texas on radioactive waste management.

Served on panel, funded by the New Mexico Humanities Council, on radioactive waste management, Las Cruces, New Mexico in April, 1978.

Testified before Environment Sub-Committee of the U. S. House of Representatives' Committee on Science and Technology, on radioactive waste management, July, 1978.


Served as Advisor to Environmental Protection Agency and to the President's Council on Environmental Quality regarding the Interagency Review Group Report on radioactive waste management. Appointed a member of an advisory committee on radioactive waste management in the Congressional Office of Technology Assessment.

WOLFGANG F. E. PREISER


Workshop Co-ordinator "Teaching Man-Environment Courses at Architectural Schools".


Design of the Janni residence as a partner of Architectural Research Consultants, Inc., Albuquerque, New Mexico.

DON P. SCHLEGEL, Professor

Architectural consulting for Schlegel & Lewis, Architects.
SCHOOL OF ARCHITECTURE - ANNUAL REPORT

WILLIAM J. SIEMBIEWA, Associate Professor

Upon request of the President of the United States attended a meeting to discuss domestic policy issues at the White House, February, 1978. Meeting included distinguished persons of Polish-American descent.

8. NON-TEACHING UNIVERSITY SERVICE

Assistant Dean, EDITH A. CHERRY, served on the D. H. Lawrence Workshop Committee.

Associate Professor, PAUL LUSK, served on the D. H. Lawrence Ranch Workshop Planning Committee.

PETER MONTAGUE, Associate Professor
Served as Faculty Advisor to New Mexico Public Interest Research Group and to UNM's Chapter of New Mexico Citizens for Clean Air and Water.

WOLFGANG F. E. PREISER, Associate Professor
UNM Campus Planning Committee.
UNM Parking Committee.
Architect Selection Committee.
School of Architecture and Planning Graduate Studies Committee Chairman.
Research Committee Chairman.
Faculty Advisor to three National Science Foundation projects and 21 students.
Co-Director for the Institute for Environmental Education (primarily grant proposal writing).
DON P. SCHLEGEL, Professor
NAG Program.
Personnel Committee.
Speaker's Committee.
University Curriculum Committee.
WILLIAM J. SIEMBIEDA, Associate Professor
Elected to the Academic Senate.
Member of the Senate Committee on Programs and Standards.
Member of the Graduate Committee of the School of Architecture and Planning.
In charge of the development of the Graduate Degree in Community and Regional Planning. Wrote the proposal for the Graduate Degree.

9. PUBLIC SERVICE

Assistant Dean, EDITH A. CHERRY, served with the City Architect/Engineers Selection Committee through January 15, 1979; Chairwoman of the City Arts Board.

PETER MONTAGUE, Associate Professor

Served as unpaid consultant to Southwest Research and Information Center, Albuquerque, NM.

WOLFGANG F. E. PREISER, Associate Professor
Presentation to the Paralyzed Veterans of America, Albuquerque, New Mexico.

Workshop participant at the Indian Nurses Association, Norman, Oklahoma.
Projects for YMCA and playgrounds for Indian communities.

10. PERSONAL INFORMATION

WILLIAM J. SIEMBIEDA, Associate Professor

Married to Leslie Claire Scharff on June 3, 1978.
THE DESIGN AND PLANNING ASSISTANCE CENTER

ANNUAL REPORT
1978-1979

SCHOOL OF ARCHITECTURE AND PLANNING
UNIVERSITY OF NEW MEXICO
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The Design and Planning Assistance Center (DPAC) is a community service organization that provides environmental research, planning, and design assistance to groups and individuals throughout New Mexico who wish to solve problems of their physical environment but cannot afford to pay conventional professional fees.

The DPAC was established in 1969 in response to a nationwide movement to make planning and architectural services available to low-income groups and individuals. The motivating concern behind this movement grew from the recognition that all groups in the community have the right to participate in the planning of their future, but that low-income groups often lack the technical training and expertise to effectively voice their viewpoints, or to compete for developmental resources. Since existing public agencies and the architectural and planning professions were not able to provide the needed services, the DPAC was established, along with approximately 80 other community design centers across the nation.

Clients served by the DPAC include low-income individuals and families, neighborhood associations, citizens' groups, cooperatives, private non-profit service organizations, and public agencies dealing with low-income groups and individuals. The DPAC helps people to help themselves. It does not initiate projects, but offers technical assistance which can help an individual or a group achieve goals they have set for themselves.

The tools the DPAC offers to its clients include designs and cost estimates of buildings and outdoor environments for funding proposals or construction; community plans to provide direction for development and rehabilitation programs; information on building codes and construction technicalities; and assistance in fundraising, research, and problem analysis. The DPAC has been involved in over 300 projects since its creation in 1969.

The DPAC is sponsored by the School of Architecture and Planning at the University of New Mexico. The School provides office space, a faculty member for supervision, and some equipment and supplies. One of the DPAC's goals is to provide a high quality educational experience for all the staff. The staff is composed of VISTAs trained in architecture, planning, and communications, and by architectural students from UNM. Professional consultation is volunteered by practicing architects, planners, and engineers.

The DPAC is located at 120 Yale, SE, Albuquerque, New Mexico 87106. The phone numbers are (505) 277-3806 and (505) 277-3647.
EL CENTRO DE ASISTENCIA EN DISEÑO Y PLANIFICACIÓN

El Centro de Asistencia en Diseño y Planificación (DPAC) es una organización para el servicio de la comunidad del cual provee estudios del ambiente de barrios, planea y diseña a grupos e individuos a través del Estado de Nuevo México quien desea ayuda para resolver problemas de diseño para embellecer sus alrededores físicos, pero no pueden pagar una cuota profesional.

El DPAC fue establecido en el año 1969 en respuesta a un movimiento que se extendió en todas partes de los Estados Unidos del cual quisieron rendir servicios de planificación y arquitectura a grupos e individuos de baja entrada financiera. El afán que originó este movimiento fue el reconocimiento que, todos los grupos en una comunidad tienen el derecho de participar en los planes del futuro, pero a veces los grupos de baja entrada financiera no tienen la experiencia técnica para poder expresar sus opiniones o competir en el desarrollo físico de la comunidad. Esto sucede porque muchas de las presentes agencias públicas y arquitectos y planeadores profesionales no proveen los servicios necesarios a estos grupos sin cobro, el DPAC se estableció al mismo tiempo que aproximadamente 80 otros centros de asistencia en diseño y planificación se fundo a través de la nación.

La clientela que el DPAC sirve incluyen individuos y familias; grupos de barrios; grupos de ciudadanos; cooperativas; organizaciones privadas y agencias públicas que tratan con grupos de baja entrada económica. El centro (DPAC) ayuda a las personas que se ayuden de por sí. El centro no inicia proyectos, sino ofrece asistencia técnica y profesional para ayudar al individuo o grupo de la comunidad poder realizar los mejoramientos que estos grupos quieren alcanzar.

El método de ayudar que el DPAC ofrece a sus clientes incluye diseños y el estimaje del costo de edificios, planeo de uso de terreno, programas de hospedaje, a en la ayuda para reclutar fondos para programas de desarrollo de facilidades en la comunidad, también presta ayuda en referencia con el códido para edificios y los procesos técnicos de construcción; diseño gráfico para relaciones de obras públicas o donde sea, el DPAC provee asistencia en reclutar fondos del gobierno.

El centro (DPAC) está dirigido por el Departamento de la Escuela de Arquitectura y Planes de la Universidad de Nuevo México. La Escuela de Arquitectura facilita una oficina y un profesor miembro de la facultad para la supervisión de los servicios. Unos de los mayores afanes del DPAC es facilitar ayuda de primera calidad y experiencia educacional a todos los miembros que forman el cuerpo de los que participan como resultado de que rinden buenos servicios de la comunidad.

El centro consiste de arquitectos y planeadores de VISTA, alumnos de la escuela de arquitectura de la Universidad de Nuevo México, y arquitectos voluntarios, planeadores e ingenieros profesionales.

El Centro de Asistencia en Diseño y Planificación está situado en la: 120 Yale, SE, Albuquerque, New Mexico 87106. Los números de teléfonos son: (505) 277-3806 y (505) 277-3647.

-2-
Under the supervision of Edward Norris, AIA, the DPAC staff worked on nearly fifty projects during the year. The staff is composed of VISTAs trained in architecture, planning, environmental studies, or communications; and of architectural students from UNM. The VISTAs serve for a period of one to two years, and students for one or two semesters.

The following VISTAs and students were at the DPAC during 1978-1979:

<table>
<thead>
<tr>
<th>VISTAS</th>
<th>STUDENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frances Alley</td>
<td>Karen Alarid</td>
</tr>
<tr>
<td>Brian Coyne</td>
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<td>Thom Faturos</td>
<td>Jay Burke</td>
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<td>Linda Geick</td>
<td>Robert Friedman</td>
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<td>Wendy Rakocy</td>
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<td>Debbie Rice</td>
<td>John Manzanares</td>
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<tr>
<td>Shirley Stanford</td>
<td>Fred Montoya</td>
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<tr>
<td>Maureen Strype</td>
<td>Bob Robie</td>
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<tr>
<td></td>
<td>George Shannon</td>
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<td></td>
<td>Rick Steffey</td>
</tr>
</tbody>
</table>

During the year, the DPAC staff received assistance from UNM's School of Architecture and Planning's faculty, professionals from the Albuquerque area, county and state officials, and a great many others. The time, knowledge, and experience volunteered by these individuals were greatly appreciated by the staff.

A special thanks to the firm of Flatow, Moore, Bryan & Associates for the use of its blue-printing facilities.
ACTIVITIES

The University of New Mexico grants three-credit tuition waivers to the VISTAS on the DPAC staff. During the 1978-1979 school year, seven VISTAS took courses at the University.

Also during the year, the School of Architecture and Planning held two classes in the DPAC's conference rooms—Rural Environmental Planning and Cultural Implications of the Built Environment.

The Design Center was invited by the New Mexico Society of Architects to participate in the Mountain States Regional Convention in October. A booth and slide presentation were developed by the staff.

In response to the increasing interest in and demand for solar design, the DPAC staff participated in several workshops and conferences. In September, two VISTAS attended a one-day workshop on solar energy at the Ghost Ranch in Abiquiu, NM. A student staff member attended a week-long workshop on passive solar adobe design at Ojo Caliente, NM. And for six weeks in November and December, the NM Solar Energy Association held a workshop at the Design Center.

Ed Fitzgerald, a VISTA, attended the Third Annual Passive Solar Conference held in San Jose, CA from January 9-14. He was brought up-to-date on the energy conservative design skills most relevant to the DPAC's low-income client groups.

During May, Edward Norris and Debbie Rice, a VISTA, attended a planning conference sponsored by the University, which dealt with the problems of growth and the quality of the environment.
THE ADVISORY BOARD

The Design and Planning Assistance Center Advisory Board, organized in late 1977, meets several times per year to determine the policy and direction of the DPAC.

Ten of the twenty Board Members are representative of the statewide community served by the DPAC, while the remaining members represent the University of New Mexico, the DPAC staff, and the professions related to the DPAC's work.

Besides acting as a resource to the staff, the Advisory Board participates in the ongoing project selection, assists in fundraising efforts, and evaluates program goals and objectives.

The following were members of the Advisory Board during 1978-1979:

Sam Arquero                      Albuquerque
H. Barker                        Albuquerque
Jim Burkhead                     Albuquerque
Javier Castenada                 La Mesa
Edith Cherry                     Albuquerque
Ed Fitzgerald                    Albuquerque
Morton Hoppenfeld                Albuquerque
McAllister Hull                  Albuquerque
William Lumpkins                 Santa Fe
Larry Macias                     Albuquerque
Peter Mallery                    Albuquerque
Fred Maranito                    Window Rock, AZ
Fred Martinez                    Albuquerque
Susan Morris                     Albuquerque
Gloria Orona                     Albuquerque
Craig Protz                      Las Cruces
Joseph Rael                      Santa Fe
Jon Samuelson                    Santa Fe
Frank Sanchez                    Roswell
Lawrence Sentner                 Los Lunas
Sandra Simons                    Acomita
David Sloane                     Flagstaff, AZ
Maria Varela                     Albuquerque
projects
The following projects were worked on during the fiscal year 1978-1979. Several of their starting dates and completion dates fall outside the fiscal year. The first two digits of the project numbers indicate the calendar year in which the project was requested. The last two digits indicate the order in which the project was requested during that year.

7805A PEANUT BUTTER & JELLY RENOVATION
The Peanut Butter & Jelly Preschool in Albuquerque, a non-profit school for children with special needs, requested the DPAC's assistance in adapting an older building to fit its needs. The design was completed and phased construction was begun.

7805B PEANUT BUTTER & JELLY PLAYGROUND
The DPAC also assisted in the development of an outdoor playground. Layouts for structures and planting areas were completed.

7817 JICARILLA APACHE MUSEUM
The Jicarilla Apache Tribe requested and received the DPAC's assistance in designing a tribal museum in Dulce.

7821A EL PUEBLO FIRE STATION
The fire department of El Pueblo requested assistance in designing a new facility to be built as a self-help project funded by the federal government. Final drawings and a cost estimate were prepared by the DPAC, while the client prepared funding proposals.

7821B EL PUEBLO FIRE STATION LANDSCAPING
A landscape plan was prepared by the DPAC, along with the fire station design.
CARLSBAD SELF-HELP HOUSING
In order to provide decent and safe housing for low-income families, the Eddy County Housing Corporation, sponsored by the local Community Action Corp., organized a self-help housing project to be funded by the Farmer's Home Administration. The DPAC provided working drawings (3-bedroom and 4-bedroom units) for the project.

CORONADO CENTER'S "MINIATURE SAFETY CITY"
In conjunction with the Coronado Merchants Association, American Automobile Assoc., and the Police Department, the DPAC assisted in the renovation and painting of an existing "Miniature Safety City" exhibited at the Coronado Shopping Center in Albuquerque.

BCM CHILD LIFE PROGRAM
The Child Life Program at the Bernalillo County Medical Center in Albuquerque utilizes a variety of means to help children and their parents counteract the stress of hospitalization. At the program's request, the DPAC provided a design for the remodeling and expansion of a hospital playroom.

AJO GARDEN CO-OP SOLAR CROP DRYER
The DPAC assisted with the design of a solar crop dryer that would provide for the processing, drying, and packaging of fruit and vegetables, and also provide heat for the attached building. In conjunction with the food-growing cooperative, which is located in Albuquerque, the Design Center prepared and submitted a grant proposal.

MONTESORI PLAYGROUND (Albuquerque)
The DPAC designed an outdoor play area for the Montessori School, a cooperative day care center. Located on an existing asphalt base, the play structure was unique in that it was movable. Parents obtained the materials and provided labor for construction.
7837 CHELMWOOD KINDERGARTEN PLAYGROUND
The Design Center designed a play area for the Albuquerque kindergarten, and referred the PTA, which will build the playground, to informational sources on construction.

7838 PLAYGROUND DESIGN KIT
In cooperation with the Albuquerque AIA and Julie Graham, a local professional, the DPAC produced several flexible three-dimensional models to facilitate client participation in the playground design process.

7839 GALLUP CHURCH CO-OP PLAYGROUND
The DPAC provided design ideas and the general layout for a new playground. Operating on a limited budget, parents and church members obtained materials and built the playground.

7840 ISLETA RESERVATION PLAYGROUND
At the request of the Save the Children Federation, the Design Center designed a playground for the Isleta community. The preliminary design, prepared in consultation with a parent advisory group, has not been implemented.

7841 ZUNI RECREATIONAL PROGRAM
After receiving grant money to build an outdoor recreational area, the Zuni Pueblo requested the DPAC's assistance in designing the general layout and grading plan.

7841A MASTER LAYOUT: The DPAC plan for the area was implemented.

7841B PLAYGROUND DESIGN: The DPAC provided the design and construction drawings for the playground, which was built by a Young Adult Conservation Corps crew.

7841C LANDSCAPING: Implementing the planting design for the recreational area, the Young Adult Conservation Corps crew used local plant materials.
7842 TAOS WATER PRESENTATION
The Canon Mutual Water Association in Taos, in a move to protect the water allocation to its members, requested assistance in organizing documentation and visual display materials to be presented to the Water Conservancy District.

7844 BABA'S FOOD CO-OP (Albuquerque)
The Design Center prepared plans for the rehabilitation and expansion of the food-buying cooperative. A design for a modular shelving system was completed.

7845 TORENCE COUNTY HOUSING LOAN ASSISTANCE
On behalf of its clients, the Economic Opportunity Board of Torrance County requested the DPAC's assistance in the preparation of rural housing loan applications. This would be an ongoing service of the Design Center for clients referred by the E.O.B.

7845A JARAMILLO HOUSE
Drawings and a cost estimate for the renovation of the Jaramillo house, located in Duran, were provided by the DPAC.

7848 TAOS RECREATIONAL BUILDING
Taos Pueblo requested the DPAC's aid in designing a recreational building for the young adults of the pueblo. The drawings were used by the client to seek funding.

7849A EDGECWOOD COMMUNITY PLANNING
In cooperation with the Rural Environmental Planning class, the Design Center assisted the unincorporated area of Edgewood in assembling technical planning information and establishing a framework for locally oriented planning. The project has largely been handed over to the Edgewood Community Homeowners Association (ECHD), a non-profit organization which relies on volunteered community action and materials.
EDGECOMMUNITY CENTER
ECHO requested a design for the remodeling of the community center. The plans prepared by the DPAC would allow for phased remodeling and expansion.

ZUNI SUBDIVISION OPEN SPACE
Asked to prepare a design for a recreational area near a federally subsidized housing project on the Zuni Reservation, the DPAC designed a survey to assess the needs of the residents. The results were applied to the preliminary plans.

SANTA ANA PUEBLO LEGAL SERVICES BUILDING
Indian Pueblo Legal Services, a non-profit organization aiding the Rio Grande Pueblos, requested the design for a new office building. Changes to enhance energy efficiency in the proposed passive solar adobe structure were suggested by the New Mexico Solar Energy Assoc.

LUTHERAN CHAPEL
The Lutheran Ministry on the UNM campus requested the Design Center's assistance in remodeling a garage into a chapel/activity room. The design and working drawings were implemented by the Ministry.

SERENDIPITY SCHOOL PLAYGROUND (Albuquerque)
The DPAC's plan to make the playground safer and more enjoyable was implemented during a parents' work-day.

SAN MIGUEL DAY CARE CENTER
El Concilio Campesino requested the DPAC to prepare preliminary plans and cost estimates for a future day care center. The documents will be used for funding purposes.
Tijeras Fire Map
The village of Tijeras requested the DPAC’s aid in the development of a map of the area to be used by emergency systems, such as fire, ambulance, etc. Compiled data was presented to the Tijeras community.

Alamo Senior Citizens Center
The Alamo Band of the Navajo Tribe requested architectural assistance in preparing a funding proposal to be submitted to HUD/HEW. Drawings and a cost estimate for a senior citizens’ complex were submitted with the proposal. The project is ranked ninth out of 50 projects awaiting funding.

Tijeras YWCA Camp
The YWCA Blue Triangle Camp in Tijeras Canyon requested assistance in developing a master plan and cabin design. The DPAC provided an architectural program, cost analysis, and presentation drawings to be used in securing funding.

Delancy Street Cottages and Shop
The Delancy Street Drug Rehabilitation Program requested assistance in designing a new shop and cottages on its ranch in Alcalde. After a visit to the ranch, a design solution was reached and working drawings were prepared. The project was approved and the work begun.

A School for Me Group Home
A School for Me in Tohatchi, a non-profit organization for mentally handicapped Navajo children, requested assistance in preparing a funding proposal to be submitted to HUD. An architectural program and a cost estimate for a group home were prepared and sent to Tohatchi.

Hagerman Health Clinic
El Centro de la Familia of Roswell requested a design and cost estimate for a health clinic in Hagerman. The Design Center submitted both, and the client has applied for grant money.
7912 LOS PADILLAS COMMUNITY CENTER
The Los Padillas Association requested the DPAC's aid in converting a former school building into a community center. Funding was provided in part by community development organizations.

7913 BMC PEDIATRICS WARD GRAPHICS
The Pediatrics Ward at Bernalillo County Medical Center requested the Design Center to provide suggestions to make the ward more enjoyable for the children. Schemes were prepared, and carried out by the BCMC staff.

7914 FOSTER GRANDPARENTS PAVILION—LOS LUNAS HOSPITAL AND TRAINING SCHOOL
The DPAC was requested to submit designs and working drawings for the conversion of a former dormitory into facilities for the Foster Grandparent Program (ACTION). Included were offices, activity rooms, and a medical suite.

7915 ALAMEDA COMMUNITY CENTER
Responding to the request to develop more extensive use of the community center's outdoor space, the DPAC provided preliminary designs. The project was halted, however, when the supervisor of the Center left.

7916 SHIPROCK GROUP HOMES
The Shiprock community requested assistance in preparing a funding proposal to be submitted to HUD/HEW. Drawings and cost estimates of group homes designed for the elderly and abused children were completed and sent to Shiprock.

7918 NAVAJO HOUSING PROJECT
Navajo housing agencies asked the DPAC to assist in developing housing guidelines for the physically handicapped. Information was gathered, and workshops were planned.
7919 VILLA ALEGRE PLAYGROUND (Albuquerque)
The school was provided with a master plan and construction details for a playground. The plan calls for in-house labor to build the structures.

7920 SANTA ANA PUEBLO PARKS
Santa Ana Pueblo requested aid in obtaining government funding to build three parks. The Design Center developed a park-component booklet to accompany the funding application.

7922 LEGAL AID RENTER'S GUIDE
In response to a request by VISTAs working with the Albuquerque Legal Aid Society, the DPAC provided illustrations for a reissuance of a Renter's Guide.

7923 UNITARIAN RETIREMENT COMMUNITY
The First Unitarian Church in Albuquerque requested a program for a retirement center, plus a site analysis of the church. The object of the study was to provide information to be used for future funding requests. The project was completed, and sent to the client.

7924 HANDICAPPED ACCESSIBILITY QUESTIONNAIRE
The DPAC, as a self-generated project, created a questionnaire to be sent to public and private buildings to determine handicapped accessibility.
# BUDGET AND FINANCIAL STATEMENT

**FISCAL YEAR 1978-1979**

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th>BUDGET</th>
<th>FINANCIAL STATEMENT</th>
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<td>In-Service Training</td>
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**TOTAL EXPENSES**

| TOTAL EXPENSES           | $7,200.00  | $3,781.51 |

<table>
<thead>
<tr>
<th>INCOME</th>
<th>BUDGET</th>
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**TOTAL INCOME**

| TOTAL INCOME             | $7,200.00  | $3,792.50 |

FINANCIAL STATEMENT INCOME EXCEEDS FINANCIAL STATEMENT EXPENSES BY $10.99.
## BUDGET

**FISCAL YEAR 1979-1980**

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<td>VISTAs' Salaries</td>
<td>ACTION</td>
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<td>Reproductions</td>
<td>REIMBURSEMENTS</td>
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<tr>
<td>Travel</td>
<td>REIMBURSEMENTS</td>
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**TOTAL**                       |               | $65,655.00|

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THE REPORT OF THE COLLEGE OF ARTS AND SCIENCES

July 1, 1978 - June 30, 1979

Nathaniel Wollman, Dean
COLLEGE OF ARTS AND SCIENCES
Annual Report, July 1, 1978 - June 30, 1979

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I. ADMINISTRATION

James A. Findley assumed the chairmanship of the Biology Department, July 1, 1978, succeeding Clifford Crawford.

Fred Gillette Sturm served as acting chairman for the Philosophy Department while Professor Tuttle spent the year in Germany as a faculty member at the University of Duisberg.

Harold Rhodes served as acting chairman of the Political Science Department during Semester I while Robert Sickels was on sabbatical leave.

Sidney Rosenblum served as acting chairman of the Psychology Department during Semester I while Henry Ellis was on sabbatical leave.

Jean Civikly served as acting chairman of the Department of Speech Communication, subsequent to the resignation of Wayne Pace, who took a faculty position at Brigham Young University. Kenneth Frandsen of Pennsylvania State University was appointed as regular chairman, beginning with the academic year 1979-80.

Table I lists the chairmen and program directors in the College of Arts and Sciences for 1978-79. Several chairmen completed their term of office at the end of the academic year:

Gerald J. Boyle, Economics Department, to be succeeded by Alfred Parker.

Joseph B. Zavadil, English Department, to be succeeded by Hamlin Hill.

Douglas G. Brookins, Geology Department, to be succeeded by Rodney Ewing.

Victor Regener, Department of Physics and Astronomy, who retired June 30, 1979, to be succeeded by Mark Price, who comes here from the National Science Foundation.

The Arts and Sciences Graduate Committee presented its statement on organization and procedures to the A&S Faculty. It was approved without
change and was subsequently approved by the Senate Committee on Graduate Programs and Standards. The annual report of the A&S Graduate Committee is appended below.

The following A&S committees functioned during the academic year (Table II):

- Tenure Committee
- Promotion Committees
  - Humanities
  - Natural Sciences and Mathematics
  - Social Sciences
- Graduate Committee
- Academic Policy and Curriculum—a new standing committee
- Human Subjects
- Student Advisory Committee
- American Studies
- Linguistics
- Asian Studies
- Russian Studies
- Ad Hoc Committee on Native American Institute

The Committee on Academic Policy and Curriculum was established by faculty action pursuant to the recommendation of the ad hoc Committee on Academic Programs (see A&S Annual Report for 1977-78). It will be the responsibility of the Committee on Academic Policy and Curriculum to review substantial matters of program, curriculum, and academic organization before these matters are brought to the faculty.

II. ACADEMIC PROGRAM

An M.A. in German, to be offered only at the Taos summer school, was approved.

An M.A. in American Studies was approved.

Requirements for the undergraduate minor in Comparative Literature were raised from 15 to 18 hours.

The undergraduate and graduate programs in French were examined by a visiting committee of two French scholars from other institutions and
Professor Murphy, chairman of the Geography Department. The committee recommended that a replacement for Jack Kolbert be appointed, that the French concentration in the Romance Language Ph.D. and the French M.A. be continued, and that certain changes be made in the undergraduate program. The A&S faculty approved the following, as recommended by the French faculty; (1) elimination of a second language requirement from the regular major; (2) adoption of an alternative major when earned as a double major in conjunction with a major outside the Department of Modern and Classical Languages.

Except for four hours in ensemble music or dance, credit toward graduation was eliminated for certain courses taken outside of Arts and Sciences, including physical education. The matter of physical education, subsequent to a request for reconsideration made by the College of Education, was referred to the Committee on Academic Policy and Curriculum for further study.

Under the direction of the Provost's office various members of the faculty participated in the planning of, and will participate in the teaching of, the four Basic Skills courses: English 100, Mathematics 100, Natural Sciences 100, and Social Sciences 100. (English 100 will remain as presently being offered.) The faculty determined that credit toward graduation in the College of Arts and Sciences will not be allowed for these courses nor, on recommendation of the Department of Mathematics and Statistics, for Math 120 as well.

Credit up to four hours for USP courses will still be allowed but only for those courses that are approved by the Committee on Academic Policy and Curriculum.
The faculty supported the procedures currently followed by the A&S office with respect to the Communications Skills Test. When the faculty adopted the CST in 1972 the intention was to restrict admission into A&S only to students who had passed the CST. If the rule had been strictly applied a relatively large number of students would have been denied admission. Accordingly, students who have not passed the CST have been admitted on a provisional basis. After one semester, if the student has not passed the CST he or she is dropped from the College but readmitted if enrolled for a course in writing. This process can be repeated if the student again fails to pass the CST. The process of provisional admission, disenrollment and reenrollment is inefficient, but is the only way in which a considerable number of students who are otherwise in good standing can remain in the University. Some students have taken the CST as many as seven or eight times. There is a correlation, but not a perfect one, between passing grades in freshman English courses and passing the CST, with the standard for passing the CST equivalent to a C in English 102 but graded by a panel of readers. Discussions over several years with the English Department about a closer tie between the CST and grades and content of English 100, 101, and 102 have been conducted but they have not led to any change in procedure. The idea of the CST is a good one; that the CST should serve as an entrance rather than exit requirement is a good idea; that the CST should be panel graded is also a good idea. However, the process of disenrollment and reenrollment is awkward and a serious drain on the time of the A&S office staff. There ought to be a better way.

The faculty reviewed the program in cooperative education. The matter of credit for off-campus work was referred to the Committee on Academic Policy and Curriculum.
III. ACADEMIC STANDARDS

The matter of academic standards has been dealt with in previous annual reports. Academic standards relate to the amount of work required of students, the thoroughness of examinations, the expected level of student performance and the grades assigned. Only the last item is readily available for inspection. High grades in lower division courses with relatively large enrollments, whether single section or multi-section, usually indicate that the course requires little work, has little intellectual content, or is sloppily taught or graded. The same may be true of small classes for which grades are high, but where numbers are small the idiosyncrasies of sampling forestall generalization.

The award of high grades peaked in 1972-73, fell steadily through the year 1977-78 and rose again in 1978-79. Two departments, Chemistry and Geography, have maintained a stable grading pattern that conforms to what one would normally accept as "standard"--i.e., about 30%-35% A's and B's in lower division classes. A number of departments showed a significant drop in high grades since '72-'73: Biology, English, Geology, Journalism, Mathematics, and Speech Communication. Three departments--Economics, History, and Psychology--have remained relatively constant at a moderately high level. Modern and Classical Languages has persisted as a high grading department. Some have shown substantial oscillation, e.g. Sociology. Table A shows A's plus B's as a percent of all grades, lower division courses, by department for Semester II, 1972-73, Semester I, 1977-78, and Semester II, 1978-79. Student credit hours are given for Semester II, 1978-79.

The inappropriateness of high grades in lower division courses is made evident by the assignment of entering freshmen to Basic Skills.
### TABLE A

% A&B OF ALL GRADES, LOWER DIVISION

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<tr>
<th>Department</th>
<th>II, 72-73</th>
<th>I, 77-78</th>
<th>II, 78-79</th>
<th>SCH-II, 78-79</th>
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<td>American Studies</td>
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<td>31.3</td>
<td>33.6</td>
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<td>Communicative Disorders</td>
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<td>37.8</td>
<td>12,773</td>
</tr>
<tr>
<td>Modern &amp; Classical Lang.</td>
<td>63.9</td>
<td>44.5</td>
<td>48.1</td>
<td>5,425</td>
</tr>
<tr>
<td>Philosophy</td>
<td>42.6</td>
<td>34.4</td>
<td>45.3</td>
<td>1,482</td>
</tr>
<tr>
<td>Astronomy</td>
<td>55.9</td>
<td>41.6</td>
<td>43.2</td>
<td>1,075</td>
</tr>
<tr>
<td>Physics</td>
<td>40.6</td>
<td>43.6</td>
<td>36.2</td>
<td>3,686</td>
</tr>
<tr>
<td>Political Science</td>
<td>42.8</td>
<td>42.9</td>
<td>43.9</td>
<td>2,226</td>
</tr>
<tr>
<td>Psychology</td>
<td>43.3</td>
<td>39.3</td>
<td>39.5</td>
<td>8,255</td>
</tr>
<tr>
<td>Sociology</td>
<td>45.6</td>
<td>25.4</td>
<td>45.0</td>
<td>4,263</td>
</tr>
<tr>
<td>Speech Communication</td>
<td>52.2</td>
<td>31.9</td>
<td>37.4</td>
<td>2,914</td>
</tr>
<tr>
<td>A&amp;S</td>
<td>48.3</td>
<td>35.7</td>
<td>40.3</td>
<td>78,644</td>
</tr>
<tr>
<td>UNM</td>
<td>52.5</td>
<td>41.7</td>
<td>46.5</td>
<td>113,009</td>
</tr>
</tbody>
</table>
classes: as of July 1979, 54% of the freshmen admitted for Fall 1979 will be assigned to one or more of such classes. Entering freshmen of previous years were about the same in academic qualification.

As can be seen in Table A, the A&S average for lower division A's and B's was below that of UNM. In 1972-73, for example, the percentage of A's and B's for UNM minus A&S was 62.8.

Another indication of questionable academic standards is the fact that while grading in lower division courses has moved down, but hardly to a level that one would consider appropriate, the opposite has happened in upper division courses. Comparative figures are as follows:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Lower Division</th>
<th>Upper Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>II, 1972-73</td>
<td>48.3% A's and B's</td>
<td>56.1% A's and B's</td>
</tr>
<tr>
<td>II, 1978-79</td>
<td>40.3% A's and B's</td>
<td>60.1% A's and B's</td>
</tr>
</tbody>
</table>

There is no evidence that the quality of upper division students or the quality of their work has improved, on the average, in recent years.

Additional information about grading standards in upper division classes comes from two surveys of grades given to freshmen enrolled in upper division courses. The second survey covered Semester II, 1978-79; its results confirmed the earlier one. "Freshmen taking upper division courses averaged a 2.6701 in 300-400 level courses while averaging a 2.2695 in their 100-200 level courses." (Rick Legoza memorandum of 18 June 1979.)

There is as great a range among departments in upper division grading practices as in lower division. Modern Languages, for example, with 1,794 SCH, averaged 71.9% A's and B's, while Chemistry, with 2,133 SCH, averaged 50.2% and Mathematics and Statistics, with 1,712 SCH, averaged 53.1%.
We have no evidence that upper division students in Modern Languages work harder or are brighter than upper division students in Chemistry or Mathematics.

IV. RESEARCH AND SCHOLARLY ACTIVITY

The research and publication record of the faculty for 1978-79 is given in detail in the departmental reports.

New research and training grants for 1978-79 amounted to $4.7 million, compared with $3.5 million for 1977-78 and $1.6 million in 1967-68. Seventy-seven faculty members were designated as principal investigators for a total of 154 grants. (Table XVI.) The leading departments in descending order of amount, were:

<table>
<thead>
<tr>
<th>Department</th>
<th>$000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>863</td>
</tr>
<tr>
<td>Physics and Astronomy</td>
<td>718</td>
</tr>
<tr>
<td>Geology</td>
<td>711</td>
</tr>
<tr>
<td>Office of Contract Archeology</td>
<td>692</td>
</tr>
<tr>
<td>Chemistry</td>
<td>438</td>
</tr>
<tr>
<td>Institute of Meteoritics</td>
<td>301</td>
</tr>
<tr>
<td>Mathematics and Statistics</td>
<td>264</td>
</tr>
<tr>
<td>Economics</td>
<td>251</td>
</tr>
<tr>
<td>Psychology</td>
<td>212</td>
</tr>
</tbody>
</table>

The departments and programs that have shown the largest changes over the last twelve years are Biology (from $46,600 to $863,400); Geology (from $49,900 to $711,300), Contract Archeology (not in existence in 1967-68); and Meteoritics ($1,100 to $301,400).

One of the most important benefits of outside funding is the support given to graduate students and the acquisition of research equipment and supplies. Table XVII shows the distribution of CA's and TA's among departments and Graduate Trainees, Research Assistants, and Project Assistants supported by outside funds. Departments should recognize the fact that with declining enrollments the support of graduate students will increasingly rest upon outside funds. All
faculty members who submit proposals for outside grants or contracts should budget for student support unless student training—usually graduate—is obviously inappropriate for the project. Examination of Table XVII reveals an uneven record of performance among departments, an unevenness that does not correspond to the availability or acquisition of funds.

Departments lose superior applicants for graduate study because the award of grants and contracts does not coincide with the timing of appointments. This difficulty could be mitigated by creation of a fund that would anticipate appointment on the basis of expected grants. If a fund of, say, $100,000 were established, most or all of the money might be available for other expenditures before the year was finished. After a few years, experience would serve as a guide for establishing the probable success rate of different departments and the optimum size of such a fund.

The new journal Environmental Ethics, a joint venture with the John Muir Institute and edited by Eugene Hargrove, Adjunct Assistant Professor of Philosophy, appeared with the first two issues published during the academic year. Interest in the subject of environmental ethics has prompted the Philosophy Department to propose a concentration in the subject for the M.A. in Philosophy.

In addition to the newest of the scholarly journals published and edited here, the list of A&S-related periodicals includes:


Blake Newsletter—Morris Eaves, Ed.

Low Countries Newsletter—Steven Kramer, Ed. (Funding provided by the Associate Provost for Research and Graduate Study.)
Several members of the faculty serve as editor of journals published under the auspices of scholarly societies:

American Antiquities--Jeremy Sabloff, Ed.
The Historian--Gerald Nash, Ed.
Western Journal of Speech Communication--Lawrence Rosenfeld, Ed.

V. BUDGET AND STAFF

The budget decisions that were made in the Spring of 1979 imposed a substantial cut-back on the College. The number of faculty fell by about 10% FTE as follows:

<table>
<thead>
<tr>
<th></th>
<th>1978-79</th>
<th>1979-80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time Faculty</td>
<td>375.49</td>
<td>365.22</td>
</tr>
<tr>
<td>Part-time Faculty</td>
<td>8.43</td>
<td>8.16</td>
</tr>
<tr>
<td>Total Faculty</td>
<td>383.92</td>
<td>373.38</td>
</tr>
<tr>
<td>GA's/TA's, including allocation for Basic Skills</td>
<td>133.87</td>
<td>136.18</td>
</tr>
</tbody>
</table>

It appeared initially that fifteen faculty positions would be lost, but by budget rearrangements and authorization of an additional position (for Navajo) by the Provost, the cut-back was limited to ten and a half. The reduction in number of classes taught will be slightly less than is implied by the loss of faculty positions because we enter 1979-80 with fewer unfilled positions than we had in 1978-79. However, offsetting the differences in unfilled positions is the assignment of faculty and GA's to Basic Skills classes and their diversion from the classes that they would otherwise teach.

Other consequences of the restricted budget for 1979-80 was elimination of all departmental funds for equipment and standstill budgets for travel and supplies and expense. Travel to professional meetings in

*Budgeted faculty without any reduction for LWOP, sabbatical leave, and released time.
1979-80 will be reimbursed to the amount of 60% of airfare, down from 66-2/3% in 1978-79. Further restrictions will also be necessary in order to adjust to higher air fares. No reimbursement of per diem has been or will be provided.

In light of these budget actions coupled with the need to allocate resources to Basic Skills, it is increasingly obvious that all University activities should be examined each year to determine whether their contribution to the educational responsibilities of the University merit their costs. I have my candidates for excision and welcome recommendations, with justification, from members of the faculty.

VI. HIGHLIGHTS FROM STATISTICAL TABLES

Between 1977-78 and 1978-79 the number of student credit hours taught in A&S rose about 2% although students enrolled in the College fell by about 10%.

Interdepartmental shifts in enrollment over the last eight years have been quite large. Between 1971-72 and 1978-79 enrollments in Anthropology and Philosophy fell by about fifty per cent and rose by roughly the same percentage in Economics and Mathematics and Statistics. Enrollments fell moderately in Biology and Geology and rose in Chemistry, Physics and Astronomy, and Psychology.

Various factors explain changes in enrollment. In some instances a department suffers a decline when its program is revised to eliminate easy, entertaining courses with minimal content. In some instances job opportunities have an effect. In any case, students tend to move around much more rapidly than changes in staffing can or should be made. So far as the College as a whole is concerned, a substantial reduction in enrollment would yield a reasonable student/faculty ratio with the
current faculty. In 1979-80 several departments will restore the large
lecture classes (over 300) that had been eliminated in the last year or
two. The time is ready for serious planning for program and staff reduc-
tions in the face of continuous budget restrictions coupled with the
prospect of high rates of inflation persisting indefinitely into the
future.

Figures on suspensions, probations, dean’s list, and honors reflect
the higher grades awarded in 1978-79 compared with those given in
1977-78. The fact that academic penalties and honors reflect an integra-
tion of variable grading practices of individual faculty members raises
the question of equitable treatment of students from one year to the
next. Unless there is some way of providing firm centralized guidance
on matters relating to academic standards, so that throughout the
University an academic tone is established that persists from year to
year without attenuation, the outcome is likely to be capricious.

VII. DEPARTMENTAL REPORTS

The departmental reports deal with matters of curriculum review and
change, space problems, scholarly activities of members of the faculty
and service in professional societies, scholarly meetings held or to be
held at UNM, special teaching programs, special research activities,
visiting scholars and lecturers, activities designed for the general
public, and the successes and frustrations uppermost in departmental
consciousness. These reports are an integral part of the A&S Annual
Report but are not reproduced because of their bulk. Interested readers
are invited to borrow a copy of any departmental report from the A&S
office or the Secretary of the University or the department itself.
Two new sections, VIII and IX, the first annual A&S Survey of Administration and the first annual A&S Faculty Self-Survey, have been added. These are followed by reports on the A&S Advisement Center, Summer Session, Travel, and the A&S Graduate Committee.

VIII. ANNUAL A&S SURVEY OF ADMINISTRATION*

Curriculum Planning:

AP/AA Jones had a thought:
"Our prospects are gloomy. We ought
to repack all knowledge
for students in college
by faculty retreats self-taught."

Administration:

There once was a dean they called Nat
who never could keep on a hat.
With head swelled up tight
impressed by his might,
he really was headed too fat.

Campus Environment:

There once was a dean named Karen
whose charge was control of all swearin'.
Her own talk was clean
unless she felt mean
and ran out of looks that were glarin'.

Academic Programs:

There once was a provost named Hull
whose lectures the students would mull.
He shifted to basic
with students aphasic
now classes can't rede, rite, or spull.

*These evaluations were transcribed from notes dropped into the A&S Suggestion Box, posted next to the used towel container in the men's room. If a wet towel has gotten transcribed by mistake we offer our apologies. A&S Office Staff.
The Budget:

There once was a Presxy named Bud,
Whose budget collapsed with a thud.
He lost all the U's dough
When C.B. Trujillo
Paired aces and he held a dud.

Missions and Goals:

There once was a dean named McRae
Whose lifelong intent was to play
The banjo and uke
Some day in Dubuque
Instead of Altoona, F.A.

IX. ANNUAL A&S FACULTY SELF-SURVEY*

Chemistry:

There once was a chemist named Guido
Whose hope was to measure albedo
By chemical means
With chilli and beans,
But all he could get was refrito.

Economics:

Economist Jonas once said
"I'd rather be dead than be Red."
He broke out of jail
and studied at Yale
To make U.S. goulash instead.

English-Linguistics:

There once was a singular Hill
With colleague a multiple Bill.
While two Hill are Hills
And one Bill is Bills
The plural of dill is still dill.**

History:

There was a professor named Dabney
Whose baritone voice would shout "Dang me,
In Ten Fifty Six
The Normans and Picts
Chopped each others' heads in East Granby."

*See note for survey of administration.
**Where can we fit Zavadil?
Modern and Classical Languages:

A teacher named Ulibarri
Taught Spanish One Hundred and Three--
How far one could go
With talk, Chicano--
Instead of his own poetry.

Mathematics:

There once was a teacher named Reuben,
A mathematician unproven.
While X, Y's, and Z's
He could solve with ease,
In counting he never passed se(u)ven.
This past fiscal year included further expansion of the advisement role as well as responding to requests by various departments to participate in programs created for retention of students. Needless to say, this required us to change our focus and rearrange our priorities to meet these new demands.

The remainder of this report will discuss completed activities and projects during this year and anticipated activities and projects for the coming year.

Completed Activities and Projects

During this last year varied activities dictated the direction of the center. In the Fall semester, 1978 a joint orientation was held for pre-medicine and pre-dentistry students. Participation by students was high. Both medical doctors and dentists spoke at this orientation and it proved to be successful and helpful to students. The Health Science Committee met monthly throughout the year. The members would review and make recommendations for pre-medicine and dentistry students at these meetings. Also, they decided to take a more active role in advisement by stating that they would be willing to see students who seek admission to professional schools who wanted to talk with faculty members. This direction should prove fruitful for both the students and faculty.

During both the fall and spring, a study skills workshop was offered to students. Advisors from A&S, University College, Business and Education were involved in the teaching of this short workshop. Students found it useful and some data were collected as part of a research
project in examining the effects of certain personality characteristics on study habits.

Other research projects completed during the year included surveys on study habits of students and graduates from A&S. All data have been compiled and only one report has yet to be completed.

A third Liberal Arts Career Fair was sponsored in the Spring, 1979. Due to lack of funds and little advertisement, few students participated in this event. Many employers attended and provided excellent information to the students who attended.

Additional activities have included providing advisement on a limited basis to Kirtland AFB so that students received adequate advisement and current university information. Several special sessions were established during the year to advise nondegree students, which has led to regular advisement for these students by all advisement centers on campus. We have been partially involved in the training of student advisors for the Registration Center. In other related activities I have been serving as a representative from UNM on the United Way Budget Committee. The College of Arts and Sciences, through a committee headed by Dr. Chris Garcia and myself, sponsored the Rocky Mountain Regional AcAfaD Conference on March 1 and 2. This proved to be a very successful event in that we shared responsibilities with similar universities in our region. Also, I presented a workshop at the American College Personnel Association in California in the spring.

Finally, it should not go without saying that the A&S Advisement Center has been intimately involved with the Committees on Basic Skills and the Summer Orientation Program.
Between July 1978 and June 1979, the A&S Advisement Center saw a total of 8,536 students. These figures do not include the students seen in group settings such as advisement at Kirtland, students seen in orientation, students attending the study skills workshop, etc. These figures reflect a small increase over the previous year (it should be noted that registration for freshmen started two months later this year) but more importantly is the fact that students are depending more heavily on advisors for accurate information. Many students want more time with advisors. They do not only want to discuss the selection of courses but also want to plan future course work, discuss classroom activities like taking tests, writing notes and how to perform well in an academic setting.

It can be readily seen by the following statistics that many students return to A&S for more than just advisement. For example, students seen between April and August amount to 4,200. Of these 1,600 are new freshmen, 500 are A&S transfer students and 2,100 are returning sophomores, juniors and seniors in A&S who seek assistance in the following ways:

- want pre-professional advisement for medicine, law, dentistry;
- want study skills information;
- want to talk about arranging their schedules with their employment;
- want information about careers after graduation;
- want information on policy changes;
- want to talk about family problems as related to school;
- want to talk about financial assistance. Many of these matters can be talked over with advisors, other matters must be referred to the proper places on campus.

Below is a table reflecting the flow of students on a monthly basis seen by the A&S Advisement Center for the last three years.
TABLE 1

<table>
<thead>
<tr>
<th></th>
<th>1976-77</th>
<th>1977-78</th>
<th>1978-79</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>732</td>
<td>755</td>
<td>741</td>
</tr>
<tr>
<td>August</td>
<td>775</td>
<td>1,287</td>
<td>1,222</td>
</tr>
<tr>
<td>September</td>
<td>237</td>
<td>313</td>
<td>356</td>
</tr>
<tr>
<td>October</td>
<td>239</td>
<td>328</td>
<td>377</td>
</tr>
<tr>
<td>November</td>
<td>640</td>
<td>1,744</td>
<td>1,693</td>
</tr>
<tr>
<td>December</td>
<td>151</td>
<td>386</td>
<td>383</td>
</tr>
<tr>
<td>January</td>
<td>622</td>
<td>902</td>
<td>879</td>
</tr>
<tr>
<td>February</td>
<td>181</td>
<td>243</td>
<td>231</td>
</tr>
<tr>
<td>March</td>
<td>292</td>
<td>260</td>
<td>279</td>
</tr>
<tr>
<td>April</td>
<td>899</td>
<td>774</td>
<td>1,265</td>
</tr>
<tr>
<td>May</td>
<td>709</td>
<td>771</td>
<td>455</td>
</tr>
<tr>
<td>June</td>
<td>659</td>
<td>668</td>
<td>655</td>
</tr>
<tr>
<td>TOTAL</td>
<td>6,137</td>
<td>8,431</td>
<td>8,536</td>
</tr>
</tbody>
</table>

Future Activities and Projects

Projected activities for the next fiscal year include participating in the mandatory orientation program, advising nondegree students (which currently are approximately 7,000 and A&S should see about one-half of these students), coordinating, directing and training the study skills and counseling programs for the newly developed learning center, and possibly traveling to the branch colleges in the state to offer advisement. These additional activities have required extra time from myself and some members of the advisement staff. Apparently, advisement is being viewed as more central to the student side of academics.
Because of the marked loss in enrollment between Summer Sessions 1977 and 1978 (6.57% in number of students and 6.90 in SCH as of August 1978) planning for Summer Session 1979 was pushed ahead to early fall, 1978. A memo from the Provost of September 20, 1978 directed that plans for Summer Session offerings be made by October 6, 1978. In addition there were requests for innovative programming, and scheduling of classes for late afternoons and evenings was also mandated. Intensive analysis of low enrollment classes for the past several summers was initiated and results of this analysis communicated to departments. Summer Session 1978 student-faculty ratios were calculated and also sent to them. The schedule of classes for summer 1979 reflected all these efforts.

The original allocation to A&S for SS 1979 was $385,080, which was increased to $387,206; however, $2,000 was later returned to the Provost leaving our basic allocation at $385,206. The table below gives the comparative data as of the beginning date of classes in June, for both 1978 and 1979:

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollment</th>
<th>Basic Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Students</td>
<td>SCH</td>
</tr>
<tr>
<td>1978</td>
<td>5,865</td>
<td>18,035</td>
</tr>
<tr>
<td>1979</td>
<td>5,611</td>
<td>17,454</td>
</tr>
</tbody>
</table>

The above table indicates that despite our best efforts, the 1979 enrollment fell, although by not as marked an amount as the 1977 to 1978 drop (-5.34% in students and -5.71% in SCH). The 4.33% student decline is approximately the same as the projected 4½% decline of Fall, 1979 enrollment to date. The slight 3.69% increase in dollar allocations
does not even reflect the mandated increase of 5% in faculty salaries. However, it should be noted that only $377,561 (98.0%) was spent on instruction, since about $5,000 was held in the contingency for a Special Indian education program in Economics and $2,445 for other emergency use. (As of this writing, the Indian education program has not been activated.) Also worth noting is that the number of research stipends for faculty was increased to five, each at $1,300.

Table XIX gives departmental breakdowns of data for Summer Sessions 1978 and 1979 respectively. In percentage terms, enrollment shifts were comparatively slight, except for Mathematics (gain of 3.50% in SCH) and Psychology (loss of 2.62% in SCH). Percentages of dollar amounts spent per department in 1979 vary slightly from those in 1978, with the possible exception of M&CL, whose allocation is 2.16% less than last year.

Some extra mention is needed about the Taos language experience. As I noted last year the program is excellent, but quite costly. Actual instructional cost this year was $13,628, or 31% of the M&CL budget, about the same as last year's 32%. In addition we have a commitment to reimburse Continuing Education for administrative expenses from our contingency. Again, I must strongly recommend this year as I did last, that central administration commit itself to a regular special allocation for this program and to separate it from the aegis of Continuing Education.

Problems vexing summer session administration mentioned last year were ameliorated somewhat in that personnel were urged to commit themselves to summer teaching early and strong control was exerted over backing out of such commitment. As a result there was much less shifting about of individuals. Course offerings were also published in sufficient time. Other problems still exist.
The travel budget for 1978-79 was $36,886, an increase of 9.76% over the 1977-78 allocation. Despite the increase, this sum was far from adequate to cover projected travel costs, and the reimbursement policy of last year was maintained: two-thirds of coach airfare for a first trip; half for a second; one-third for a third, and quite rarely, one-quarter for a fourth. Faculty thus were still required to pay much of their own expenses in travel, per diem, registration fees, etc.

The 1978-79 disbursements are given in the table below which keeps the usual categories: (A) Paper Presentation; (B) Officerships; and (C) Miscellaneous, such as chairing of sessions, membership on panels, serving as discussants, etc. The latter category also includes simple attendance, which was held at a very strict minimum. Following are comparative figures for 1977-78 and 1978-79:

<table>
<thead>
<tr>
<th>Category</th>
<th>1977-78</th>
<th>1978-79</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Trips</td>
<td>Amount Spent</td>
<td>%</td>
</tr>
<tr>
<td>------------</td>
<td>-------------</td>
<td>---</td>
</tr>
<tr>
<td>Category A</td>
<td>159</td>
<td>$21,048</td>
</tr>
<tr>
<td>Category B</td>
<td>18</td>
<td>$1,945</td>
</tr>
<tr>
<td>Category C</td>
<td>68</td>
<td>$10,460</td>
</tr>
<tr>
<td>TOTAL</td>
<td>245</td>
<td>$33,454</td>
</tr>
</tbody>
</table>

The above table reflects only inconsequential changes in all categories, and there is apparently a "steady state" in the categories over two years. The percentage of original allocation spent was 97.0 for 1977-78, and 99.7% for 1978-79. For this year we had only $120 left in the reserve. (We had anticipated running short in February, but spring trip cancellations left us with less than one percent unspent.) The number of travelers also reflected little change. It rose from 245 to
256, or only 4.5%. The amount spent per traveler for all trips was $143.62 compared to $136.55 for last year, an increase of only 5.2%. The latter figure is in marked contrast to the general nationwide inflationary rise, which is currently more than double that percentage, and it may be reflective of some general conservative drift—faculty taking shorter or no trips or less expensive flights, tighter administrative controls, or any combination of these.

Table XX presents the departmental breakdown among all categories. I am not singling out departments for special mention in paper-giving (Category A) this year, since the N of faculty traveling may contain numbers of "repeaters." Also, faculty receiving outside grants will travel more with partial support from such grants and distort the paper-giving comparisons.

I made a prediction in last year's report, "If inflation continues its ravages, we may not see any sharp increases in trips or support per traveler." Data from 1978-79 travel show that this prediction has been quite accurate. As noted elsewhere in this report, A&S support for travel will be further reduced in 1979-80, when no increase in the travel budget will occur.
According to the Statement of Policies and Procedures of the A&SGC, approved by the A&S Faculty and the Faculty Senate Committee on Graduate Programs and Standards, the A&SGC is required to "present an annual report to the A&S Faculty summarizing actions taken within the area of its authority." The written report follows and will become a part of the Annual Report of the College of Arts and Sciences. Additionally, an oral report will be presented at the first meeting of the A&S Faculty for the 1979-80 academic year. Faculty desiring more detailed information are invited to consult the minutes of the A&SGC which are transmitted to the Dean of the College of Arts and Sciences, the Dean of Graduate Studies, and chairmen of Arts and Sciences departments.

The entire A&SGC met a total of twelve times during the 1978-79 academic year. Additionally, various subcommittees, both permanent and ad hoc, met throughout the year. Since the A&SGC organization, subcommittee structure and responsibilities, policies and procedures have been formulated, it is hoped that the committee meetings may be less frequent in the future, perhaps monthly and on a regularly set day rather than called meetings.

The main order of A&SGC business until mid-January was the formulation of a statement of membership, duties and responsibilities, general policies, procedures, and organization, as required by the Faculty Senate Committee on Graduate Programs and Standards. Because of the amount of time required, paperwork involved, and the need for extensive secretarial assistance, J.E. White, Jr., Associate Dean of the College of Arts and Sciences, was elected chairman of the A&SGC for 1978-79. It
is expected that future chairmen will come from the committee members selected as representatives from the departments rather than \textit{ex officio} members from the staffs of the Dean of Arts and Sciences and the Dean of Graduate Studies.

In order to implement expeditiously the formulation of the A&SGC policies and procedures statement, the A&SGC was divided into four subcommittees for the purpose of examining each section of the Charge to College Graduate Committees (promulgated by the FSCGPS) and devising an implementation statement. Subcommittee I dealt with the matter of approval of new courses and programs at the graduate level. Subcommittee II examined the question of approval of instructors for courses receiving graduate credit. Subcommittee III dealt with approval of standards for the appointment of graduate, teaching, research and project assistants; receiving and processing petitions on behalf of individual graduate students dealing with changes in programs, requirements related to a graduate unit, or any other appeal. Subcommittee IV examined supervision of quality control processes including admission of students to graduate programs, approval of the membership of examination committees, dissertation committees and program of studies committees, as well as quality control of theses and dissertations. Subcommittees began meetings in mid-October. As each subcommittee completed its tasks, recommendations were brought before the entire A&SGC for discussion, revision, and approval. On January 8, 1979 the entire A&SGC statement was presented to the committee. On January 15 the statement was unanimously approved by the committee and the committee proceeded to organize itself into the subcommittee structure adopted, in order to expedite future matters to come before it. The statement was then forwarded to the FSCGPS for
reactions and suggestions, approved by the A&S faculty on March 26, and accepted by the FSCGPS. This statement now stands as the official "Constitution and By-laws" of the A&S GC and all committee business is conducted according to its provisions.

In addition to the above item, the A&S GC and its subcommittees were occupied during the year with matters running the gamut between simple housekeeping chores to matters of considerable pedagogical and philosophical importance. Several student petitions were referred to the committee by the Office of Graduate Studies. Requests for CR/NC grading for special graduate seminars on a one-time basis were approved. The committee discussed and made recommendations to the FSCGPS concerning the proposed repetition of course policy as it would affect graduate education. The proposed MA in American Studies and MA in German Studies were carefully examined both in subcommittee and by the A&S GC as a whole, with a final recommendation for approval in each case. (Both were subsequently approved by the A&S faculty, the Faculty Senate, and the regents.) Nominees by A&S departments for UNH Graduate Scholarships and Fellowships were evaluated and ranked and recommendations were made for a method of standardizing the nomination and selection processes. This proposal is due to be discussed further during Semester I, 1979-80.

A matter which was the subject of lengthy debate during several meetings was a petition from the Department of English that the final oral examination (dissertation defense) be made optional in A&S departments. The Subcommittee on Standards recommended the rejection of the petition and presented a "Proposed Policies and Procedures for Doctoral Final Examinations." The A&S GC voted to reject the petition to make the final oral examination optional, but failed to reach a consensus on the
"Proposed Policies and Procedures..." document. It was decided to table the matter and continue discussion during Semester I, 1979-80.

Prolonged discussion of a policy which would establish criteria for courses to be offered for graduate credit resulted in the adoption by the A&SGC of a general policy based upon and adapted from a statement of the American Association of Graduate Schools, defining the nature of graduate-level courses, graduate students, and minimal conditions, on or off campus, for the exchange of information, ideas and values and the environment in which that exchange takes place in the context of graduate education.

Other items which were examined by the A&SGC--some cursorily and some in detail--include: the increasing enrollment, importance, and potential of master's programs; departmental language proficiency requirements and the advisability of a reexamination of this matter; and means to attempt to ensure uniformly high quality of theses and dissertations. The latter is addressed at length in the "Proposed Policies and Procedures for the Doctoral Final Oral Examination" and discussion will continue.

Beginning in 1979-80, the Faculty Senate Graduate Committee is being reorganized to include two members of the A&SGC (from two different divisions of the natural sciences, social sciences, and humanities). It is hoped that this reorganization will result in closer liaison and more direct communication between College Graduate Committees and the Faculty Senate. A&SGC members of the Faculty Senate Graduate Committee, as well as the Chairman of the A&SGC, will be selected at the earliest possible time at the beginning of Semester I, 1979-80.
<table>
<thead>
<tr>
<th>Departments</th>
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<tbody>
<tr>
<td><strong>AMERICAN STUDIES</strong></td>
<td><strong>LATIN AMERICAN CENTER</strong></td>
</tr>
<tr>
<td>Sam B. Girsus</td>
<td>Marshall R. Nason</td>
</tr>
<tr>
<td><strong>ANTHROPOLOGY</strong></td>
<td><strong>IBERO-AMERICAN STUDIES</strong></td>
</tr>
<tr>
<td>Philip K. Bock</td>
<td>Marshall R. Nason</td>
</tr>
<tr>
<td><strong>BIOLOGY</strong></td>
<td><strong>MAXWELL MUSEUM</strong></td>
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<tr>
<td>James S. Findley</td>
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<tr>
<td><strong>CHEMISTRY</strong></td>
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<td>Guido H. Daub</td>
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<td><strong>COMMUNICATIVE DISORDERS</strong></td>
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<tr>
<td>Lloyd E. Lamb</td>
<td>Richard G. Robbins</td>
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<td><strong>ECONOMICS</strong></td>
<td><strong>PROGRAMS</strong></td>
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<tr>
<td>Gerald J. Boyle</td>
<td><strong>ASIAN STUDIES</strong></td>
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<tr>
<td><strong>ENGLISH</strong></td>
<td>Fred G. Sturm, Acting</td>
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<td>Joseph B. Zavadil</td>
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<tr>
<td><strong>GEOGRAPHY</strong></td>
<td>Patricia Murphy</td>
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<td>Richard E. Murphy</td>
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<tr>
<td><strong>GEOLOGY</strong></td>
<td>Martin C. Needler</td>
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<tr>
<td>Douglas G. Brookins</td>
<td><strong>INSTITUTE OF METEORITICS</strong></td>
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<td><strong>HISTORY</strong></td>
<td>Klaus Keil</td>
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<td>Gerald D. Nash</td>
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<td>Victor H. Regener</td>
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<td><strong>POLITICAL SCIENCE</strong></td>
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<td>Harold V. Rhodes, Acting Sem. I</td>
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<td>Henry C. Ellis</td>
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<td>Pedro R. David</td>
<td><strong>TOWN CENTER</strong></td>
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<td><strong>INSTITUTE OF METEORITICS</strong></td>
<td>Roger Y. Anderson</td>
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<td>Klaus Keil</td>
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<td><strong>FRESHMAN ENGLISH</strong></td>
<td>Roger Y. Anderson</td>
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<td>Michael J. Hogan</td>
<td>Roger Y. Anderson</td>
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TABLE II

STANDING AND SPECIAL COMMITTEES,
COLLEGE OF ARTS AND SCIENCES, 1978-79

A&S Tenure Committee

Raymond R. MacCurdy, Chairman, Modern and Classical Languages
Elinore M. Barrett, Geography
Lewis K. Binford, Anthropology
Roger Entringer, Mathematics and Statistics
G. Robert Grice, Psychology
Hamlin Hill, English
Richard G. Robbins, Jr., History

A&S Promotion Committees

Humanities:

Hamlin Hill, Chairman, English
Dinko Cvitanovic, Modern and Classical Languages
Leonard L. Jermain, Journalism
Edwin Lieuwen, History

Natural Sciences and Mathematics:

Roger Entringer, Chairman, Mathematics and Statistics
Dolores S. Butt, Communicative Disorders
William F. Coleman, Chemistry
Christopher P. Leavitt, Physics
Frank Logan, Psychology
Marvin L. Riedesel, Biology
Lee Woodward, Geology

Social Sciences:

Lewis K. Binford, Chairman, Anthropology
Ronald G. Cummings, Economics
Martin C. Needler, Political Science
Timothy G. Flax, Speech Communication
Rodman E. Snead, Geography
Richard F. Tomasson, Sociology

A&S Graduate Committee

Julian E. White, Jr., Chairman Ex officio, Associate Dean, Arts and Sciences
Richard Allen, Mathematics and Statistics
Arthur St. George, Sociology
James Findley, Biology
Sam B. Girgus, American Studies
Larry Gorbet, Anthropology
Linda Riensche, Communicative Disorders
Alan Hudson-Edwards, Linguistics
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<th>A&amp;S Graduate Committee (contd.)</th>
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<tr>
<td>Richard Jensen, Speech Communication</td>
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<td>Gary P. Landis, Geology</td>
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<td>Frank Logan, Psychology</td>
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<td>Peter Lupsha, Political Science</td>
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<td>Gary J. Morrow, Chemistry</td>
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<td>Alfred Parker, Economics</td>
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<td>Jonathan Porter, History</td>
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<td>Fred Schueler, Philosophy</td>
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<td>Jack Tomlins, Modern and Classical Languages</td>
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<td>Jerry Williams, Geography</td>
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<td>High Witemeyer, English</td>
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<td>David Benedetti, Ex Officio, Associate Dean, Graduate School</td>
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<td>John Erspamer, Graduate Student, Chemistry</td>
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<td>William Mansker, Graduate Student, Geology</td>
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<th>A&amp;S Committee on Academic Policy and Curriculum</th>
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<tr>
<td>Harry P. Stumpf, Chairman, Political Science</td>
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<tr>
<td>Mary Bess Whidden, English</td>
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<td>Tamara Holzapfel, Modern and Classical Languages</td>
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<td>Alfred Carasso, Mathematics and Statistics</td>
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<td>Richard Holder, Chemistry</td>
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<td>Paul Jonas, Economics</td>
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<td>Richard Murphy, Geography</td>
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<td>Timothy G. Plax, Chairman, Speech Communication</td>
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<td>Anita Alvarado, Anthropology</td>
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<td>Harold Delaney, Psychology</td>
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<td>Arthur St. George, Sociology</td>
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<td>Rabbi Isaac H. Celnik, Congregation B'Nai Israel</td>
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<th>A&amp;S Student Advisory Committee</th>
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<tr>
<td>Hillary Atkin, Speech Communication</td>
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<td>Richard Bolton, Physics</td>
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<td>Kathleen Callahan, Political Science</td>
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<td>Fred Collatz, Psychology</td>
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<td>Daly Gedanic, History</td>
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<td>Teresa Harper, Spanish</td>
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<tr>
<td>Julie Lanning, Philosophy</td>
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<tr>
<td>Jon Lesser, Mathematics</td>
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<tr>
<td>Clifford Nomberg, Biology</td>
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<tr>
<td>Jay Rosenblum, Political Science</td>
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A&S American Studies Committee

Sam B. Girgus, Chairman, American Studies
George Arms (emeritus), English
Ernest Baughman, English
Sanford Cohen, Economics
Robert Fleming, English
Douglas George, Art
Hamlin Hill, English
Ira Jaffe, Theatre Arts
Joel M. Jones, American Studies
Howard Rabinowitz, History
Harold Rhodes, Political Science
M. Jane Slaughter, History
Anne Taylor, Art Education
M. Marta Weigle, Anthropology and English
Peter White, English

A&S Linguistics Committee

Garland Bills, Chairman, Linguistics
Robert White, Secondary and Adult Teacher Education
Miles Zintz, Elementary Education
Dean Brodky, Elementary Education
Doctores Butt, Communicative Disorders
Jean M. Civikly, Speech Communication
Roy Pickett, English
Leroy Ortiz, Elementary Education

A&S Asian Studies Committee

Fred G. Sturm, Chairman, Philosophy
Charlene McDermott, Philosophy
Russell G. Goodman, Philosophy
Andrew J. Burgess, Philosophy
Paul Schmidt, Philosophy
Jonathan Porter, History
Frank Ikle, History
Noel Pugach, History
Arnold Kaminsky, History
James Spuhler, Anthropology
James M. Sebring, Anthropology
Jay B. Sorenson, Political Science
Paul Jonas, Economics
Pearl Wu, Modern and Classical Languages
Rodman Snead, Geography
Richard Murphy, Geography
Philip Peterson, Art
Michiko Adams, General Library
Gerald Slavin, International Programs
Robert Campbell, Geography
### TABLE II (contd.)

**A&S Russian Studies Committee**

- Richard G. Robbins, Chairman, History
- Pham Chung, Economics
- Richard Murphy, Geography
- Jay Sorenson, Political Science
- Byron Lindsey, Modern and Classical Languages

**A&S Ad Hoc Committee to Determine Feasibility of an Institute of Indian Affairs**

- Fred Harris, Chairman, Political Science
- Gerald J. Boyle, Economics
- Gerald May, Engineering
- Alfonso Ortiz, Anthropology
- Roxanne Dunbar-Ortiz, Native American Studies
- Phil Reno, Economist, Navajo Community College
- Albert Utton, School of Law
- Lee B. Zink, IARS
TABLE III

FACULTY PROMOTIONS, RETIREMENTS, SEPARATIONS, AND APPOINTMENTS, TENURE AND THIRD YEAR TERM DECISIONS, 1978-79

Promotions

To Full Professor:
- Byron D. Dieterle
- Donald W. Duszynski
- Gustave E. Efroymson
- James R. Gosz
- Henry C. Harpending
- Cornelis W. Onnewer
- Janet Roebuck
- Lawrence B. Rosenfeld
- Robert E. Tapscott
- Hugh H. Witemeyer
- David W. Wolfe

To Associate Professor:
- Anita Alvarado
- William C. Gordon
- Barry S. Kues
- James Lee Ray
- George F. Schueler
- Michael Zeilik, II

Retirements

- Leonard L. Jermain
- Victor H. Regener
- William M. Roberts

Separations

- Lyle Ray Berger
- Michael E. Bevacqua
- Carol E. Conrad
- Ferrel J. Corcoran
- John G. Cowelti
- Christopher Dean
- Daniel E. DeStephen
- Dana L. Dumont
- Richard D. Fly
- Michael Frese
- Frank A Gerase
- Thomas L. Hurley
- Leonard L. Jermain
- Haig Khatchadourian
- Catarina L. Kiefe
- Susan D. Kreiger
- Gary D. Libecap

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TABLE III (contd.)

Separations (contd.)

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<thead>
<tr>
<th>Name</th>
<th>Department</th>
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<tr>
<td>Thomas J. Macklin</td>
<td>Speech Communication</td>
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<tr>
<td>Paul E. McAllister</td>
<td>History</td>
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<tr>
<td>Ernest A. Mares</td>
<td>English</td>
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<tr>
<td>Leon J. Marquez</td>
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<tr>
<td>Philip F. Nesbit</td>
<td>Mathematics and Statistics</td>
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<tr>
<td>Victor R. Regener</td>
<td>Physics</td>
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<td>William M. Roberts</td>
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<td>William G. Robertson</td>
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<td>Grietje Sloan</td>
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<td>James T. Stensvaag</td>
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<td>Rosemarie Welsh</td>
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<td>Casia Wofsay</td>
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New Appointments

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<tr>
<td>Evelyn A. Early</td>
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<td>Sandra Ligon</td>
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<td>Economics:</td>
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<td>Javier Salas</td>
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<td>Anne M. Boylan</td>
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<td>Journalism:</td>
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<td>Frederick V. Bales</td>
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<td>Mathematics and Statistics:</td>
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<td>James P. Miller</td>
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<tr>
<td>Alice Nuendorf</td>
<td>Visiting Instructor</td>
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<td>Jose A. Ramirez</td>
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<td>Peter Eggenberger</td>
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<td>Physics and Astronomy:</td>
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<td>Richard M. Price</td>
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### New Appointments (contd.)

**Political Science:**
- Timothy DeYoung

**Psychology:**
- Gary H. Ritchey

**Sociology:**
- Gary D. LaFree
- Paul D. Steele

**Speech Communications:**
- Kenneth D. Frandsen
- Edmund P. Kaminski
- Janice E. Schuitz
- Barry K. Spiker

**Third Year Term Decisions**

**Anthropology:**
- Caroline H. Bledsoe
- E. Scott Rushforth

**Biology:**
- Oswald G. Baca
- Frederick W. Taylor
- Eric C. Toolson

**Chemistry:**
- Charles F. Campana

**English:**
- Cheryl H. Fresch
- Michael J. Hogan
- Peter C. Page

**Geology:**
- Raymond Ingersoll
- Stephen G. Wells

**Journalism:**
- Margaret W. Hyman

**Mathematics:**
- Ronald M. Schroeder

**Psychology:**
- Gordon K. Hodge
- Norman W. Katz
- William R. Miller
### Third Year Term Decisions (contd.)

**Sociology:**
- Nelson P. Valdez

**Speech Communication:**
- Richard J. Jensen
- Daniel E. DeStephen

**Tenure Decision Dates, June 30, 1979**

**Anthropology:**
- Jeremy A. Sabloff

**History:**
- Peter R. Kolchin

**Political Science:**
- Fred R. Harris
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<tr>
<th>Department</th>
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TABLE V

NUMBER OF STUDENTS ENROLLED
COLLEGE OF ARTS AND SCIENCES

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Decrease
1978-79 Over
1969-70 57 -2.3 90 -3.7

TABLE VI

STUDENT CREDIT HOURS TAUGHT, UNM AND A&S

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Change
1978-79 Over
1977-78 -3,033 -5,043 -0.6% 1.9%

Increase
1978-79 Over
1969-70 104,787 38,541 28.44% 16.45%

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**TOTAL** 279,705 278,577 256,979 300,821 285,551 279,810 267,665 272,829 - 2.5
TABLE VIII

DEGREES AWARDED, COLLEGE OF ARTS AND SCIENCES

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8-Year Decrease: 15 - 2.5 28 -16.4 18 -24.7 46 -18.9

(a) These figures do not include Master of Arts in Teaching and Master of Education in Science degrees.

TABLE IX


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*Excludes Law and Medicine.
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| TOTAL                       | 717             | 611             | 639             | 577             | 141            | 171            | 197            | 147            | 74             | 69             | 68             | 55             |

1Includes summer, fall, and spring graduates.

*Not departments of the College of Arts and Sciences, but major or minor is allowed.

**Interdisciplinary program at the doctoral level.
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TABLE XII

ACADEMIC PROBATIONS, SUSPENSIONS, AND RELEASES
COLLEGE OF ARTS AND SCIENCES

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Number of Students Enrolled in Arts and Sciences:

- Semester I, 1978-79: 2,397
- Semester II, 1978-79: 2,322

TABLE XIII

DEAN'S LIST, COLLEGE OF ARTS AND SCIENCES:
NUMBER OF STUDENTS WITH GPA OF 3.00 AND ABOVE
FOR WORK OF 15 HOURS OR MORE TAKEN IN THE SEMESTER WITH GRADE

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<td>451</td>
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| 4.00       | 47| 2.0       | 41| 1.8 |
| 3.50-3.99  | 118| 4.9       | 131| 5.6 |
| 3.00-3.49  | 160| 6.7       | 194| 8.4 |
| TOTAL      | 325| 13.6      | 366| 15.8 |

NOTE: % represents the percentage of the total Arts and Sciences enrollment for the semester indicated.
### TABLE XIV

**DEGREES GRANTED WITH HONORS**

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TABLE XV

GRANTS TO A&S FACULTY BY RESEARCH ALLOCATIONS COMMITTEE
1978-79

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<th>1978-79 ($000)</th>
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*Supported by A&S.
**Supported by Contracts and Grants.
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### TABLE XIX

**SUMMER SESSION DATA, 1978 AND 1979**

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The approval of the Master of Arts Degree at all levels within the university was an important development in the department's history. The degree was designed to complement existing American Studies bachelor's and doctoral degrees. After more than thirty years of offering a doctoral degree, four years of offering a minor concentration, and the implementation of an undergraduate major last fall, American Studies developed the Master of Arts degree to intensify its involvement with graduate study. The degree will serve the needs of an increasing number of students wanting an interdisciplinary interdepartmental concentration dealing with the study of American culture and character as a whole. The department plans to balance its educational efforts at the graduate and undergraduate levels and also to work towards a harmonious relationship between those programs for their mutual enrichment.

Under the direction of the chairman, Professor Sam Girgus, graduate students were encouraged to strengthen the focus and interdisciplinary nature of their programs primarily by selection of committees that include some of the university's best scholars. The core faculty in American Studies continue their increased production of research and scholarship, which is documented in the record of publication and activities given in the following pages.
Professor Helen Bannan came before the core faculty for her mid-career review. Her specializations in the important areas of regional and women studies along with her teaching performance and service on committees were cited. Her article, "Spider Woman's Web: Mothers and Daughters in Southwestern Native American Literature," appeared in The Lost Tradition: Mothers and Daughters in Literature, Frederick Ungar Publishing Co. Other articles, "The Idea of Civilization and American Indian Policy Reformers in the 1880's," Journal of American Culture, 1:4 (Winter 1978) and "Warrior Women: Immigrant Mothers in the Works of Their Daughters," Women Studies, 6:3 (November 1978), also appeared this year. She also read her paper "Myth as Metaphor: Spider Woman's Approach to Teaching Native American Literature," at the College English Association Convention, Savannah, Georgia, in March and gave a presentation, "American Women, American Studies and the American Dream," as part of a panel, "The Crisis of the American Dream: The Challenge to American Studies" in the lecture series The Revolution in American Culture Studies, sponsored by the department in November.

Professor Bannan, serving as Vice President of the Rocky Mountain American Studies Association was co-coordinator of the conference, The Southwest: Images and Trends, which took place in Albuquerque in April. She was elected President of RMASA for the 1979-80 year. She also serves as the American Studies undergraduate advisor. She continues as a committee
member of Women Studies, General Honors Council, and the New Mexico Humanities Council Review Committee for newspaper articles. Professor Bannan is presently co-editing an anthology, a result of the RMASA conference, to be published by New Mexico State University Extension Service entitled *Southwestern Images and Trends: Factors in Community Development.*

Professor Charles Biebel was on Sabbatical Leave in the fall. During that semester he completed a fifty page manuscript entitled "Schooling and Modernization: Education and the Politics of Ideas in Pre-Sputnik America," which is under consideration for publication by the *Journal of American History.* Also during that semester he continued research for the last section of a book in progress that deals with the period of rapid expansion of federal bureaucratic authority in educational policy making during the Eisenhower years. In connection with his research on the development of educational and cultural institutions in New Mexico from 1870-1900 he reviewed Susan Dewitt's book, *Historic Albuquerque Today,* for the New Mexico *Historical Review.*

In October Professor Biebel attended the professional meetings of the national History of Education Society in Chicago. While there he was asked by the current president to serve as one of seven American scholars to deliver papers at an international conference in September in Bielefeld, Germany. The paper will be published as part of a multi-volume history of German education during the post war era.
In November he co-organized an exhibition of historical photographs with an accompanying text. The exhibit, "The Growth of a City - Albuquerque 1880-1970," was installed in the Albuquerque Convention Center from November 25 to December 2, as part of the National Conference of Public Programs in the Humanities, NEH. He also presented the videotape of his 1977 television film, At the Edge of the Dream, to the conference on December 1.

At the RMASA conference in April, Professor Biebel coordinated a session, At the Edge of the Dream, a presentation of Albuquerque's history. He continues as an editorial reader for History of Education Quarterly and as faculty advisor for New America. He also serves on the Advisory Council for the New Mexico Humanities Council, the Citizens Advisory Council-APS, and as a consultant for the New Mexico Association of Non-Public Schools. He is presently a consultant to the Museum of Albuquerque, where he is a member of the History Advisory Committee, for the initial exhibit in the new Museum.

by the Seventh Biennial National American Studies Association Convention to be held in September in Minneapolis, Minnesota.

Professor Girgus also organized a lecture series in the fall semester called, The Revolution in American Culture Studies, featuring the following: Professor Sacvan Bercovitch, Columbia University, "The Ritual of American Consensus"; Professor Walter Blair, University of Chicago, "Mark Twain and the Mind's Ear"; Professor John Cawelti, University of Chicago, "Irony, Burlesque and Parody in Recent American Films"; Professor Leon Howard, University of New Mexico, "American History in Folk Songs"; and a panel consisting of Professor Roxanne Dunbar-Ortiz, Professor Peter White, Professor Helen Bannan, Professor Antonia Marquez, Professor Joel Jones, and Professor Sam B. Girgus, all of the University of New Mexico, on "New Vocies in American Culture Studies."

As a result of this series Professor Girgus was invited by Beth Haddas, Editor, University of New Mexico Press to put together a collection of essays for publication. This project received the official endorsement of the UNM Press Committee.

Professor Girgus continues to serve as a member of the Arts & Sciences Graduate Committee and as graduate advisor for the department. In addition, he initiated the Master of Arts proposal in American Studies.

The Student Learning Service, established by Professor Girgus, used Student Assistance funds and was also supplemented
by additional money from the Dean to tutor undergraduate students in the areas of Afro-American Studies, American Studies, Geology, History, Philosophy, and Psychology. Graduate students active in the Student Learning Service were Kyle Ferster Fiore, David Kammer, Candace Klaschus, Ed Mahoney, William Tydeman, and Joe Weiss.

In the second year of his joint appointment in English and American Studies, Professor Hamlin Hill continued to give doctoral students in this department valuable assistance. For his widely acclaimed book, co-authored with Walter Blair, American Humor: From Poor Richard to Doonesbury, Professor Hill was awarded and shared with Walter Blair, the Midland Author's Award.

He directed a Seminar in Residence for College Teachers funded by a grant of $22,635 from the National Endowment for the Humanities for April 1978, to June, 1979. Because of his NEH grant, American Studies was able to work with the English Department in the fall to jointly sponsor visiting scholar, Professor John Cawelti from the University of Chicago.

Professor Hill has brought to the department a traditional approach to American Studies and his recognized expertise in American literary realism, humor and popular culture.

Professor Joel Jones, Assistant Provost, continues his interest and service to American Studies through a joint appointment. He remains a member of the National Board of
Consultants of the National Endowment for the Humanities, a position he was appointed to in 1977.

In addition to his considerable administrative responsibilities, Professor Jones continues to write and publish scholarly works such as, *The Presence of the Past: The Twentieth Century American Historical Novel*, published by the University of New Mexico Press. *The Historical Novel in America* is under contract with the Twayne United States Authors Series, and his article "Walter Havighurst" will appear in the *Bibliographical Guide to Midwestern Literature*, edited by Gerald Nemanic, to be published by University of Iowa Press. "The Long Reach of the Past" *Time and Place in the Writing of Walter Havighurst,"* appeared in the Spring issue of *Ohioana Quarterly*. A review of Robert Spiller, *Milestones in American Literary History* is scheduled to appear in the Spring issue of *American Literary Realism*.

Professor Jones gave a presentation at the RMASA conference in April entitled *The Meaning of American Studies*. He continues to serve on the Board of Editors of *American Literary Realism 1870-1910*.

The proposal for the Master of Arts degree and other departmental policy decisions were given assistance by the American Studies Faculty Committee. Members are: George Arms (Emeritus), Ernest Baughman, Sanford Cohen, Robert Fleming, Douglas George, Hamlin Hill, Ira Jaffe, Joel Jones, Howard
Rabinowitz, Harold Rhodes, M. Jane Slaughter, Anne Taylor, M. Martà Weigle, and Peter White. At the end of their three year terms, Sanford Cohen, Harold Rhodes, and Anne Taylor, have agreed to serve another three years on the Committee.

At a Committee meeting held in the spring it was decided to require the Graduate Record Examination, with no minimum score, for both Ph.D. and M.A. applicants. Ph.D. applicants will be required to take a field examination while only the aptitude examination will be required for M.A. applicants.

A prospectus is to be required of doctoral students and sent to the chair of the dissertation committee, to be circulated among the committee and core faculty with the understanding that a meeting may be called to discuss it.

Three graduate students completed doctoral work in the 1978-79 year. The students, their dissertation topics and the dissertation directors are listed below:

William C. Baurecht

MASCULINITY BEYOND THE VIRGIN LAND: A STUDY OF MOBY DICK, ONE FLEW OVER THE CUCKOO'S NEST, AND SOMETIMES A GREAT NOTION (Joel Jones)

James M. Robertson

DREAM OF WESTERING AND SENSE OF PLACE: IMAGES OF THE WEST AS FRONTIER AND REGION (Marta Weigle)
Among the visiting scholars this year was Professor Walter Blair, Professor Emeritus of English at University of Chicago who participated in The Revolution in American Culture Studies lecture series and also taught an American Studies 501, mini-seminar entitled "Mark Twain's Hannibal Writings." Professor Henry Nash Smith of the University of California-Berkeley, also taught a 501 mini-seminar "On Literature and Popular Culture" and gave a public lecture "The American Ideology in Fiction" that was included in the program of the RMASA conference. Professor Lillian Schlissel, Brooklyn College, will be teaching an American Studies course this summer entitled "Frontier Women and Families."

Undergraduate course offerings continue to be expanded and improved. Professor Bannan developed American Studies 302 "Research in Women's Literature of the Southwest" and taught that course in the spring. Professor Girgus' 308 "The Jewish Experience in the United States" was offered for the first time in the fall.

The department is in the process of developing a curriculum for the Basic Skills Program. The course will be offered in the Social Sciences category at the 100 level. One of its
objectives will be to help students develop skills and habits for study appropriate to college level work. It will be structured around three discussion sessions per week supplemented by one lecture session per week. Faculty will provide the lectures and at least two discussions per week; Teaching Assistants will provide the rest of the instruction. Professor Gurgus is currently working with Vera Norwood, Assistant to the Provost, and a graduate student, William Tydeman in developing the program.

Ms. Norwood has also been an instructor for the American Studies department, teaching one course per semester, for the past year.

From the many applicants who completed the requirements for applying, 7 candidates were admitted to the American Studies doctoral program this spring. The department's low resources for financial assistance continue to make it difficult to attract some of the well qualified students who express interest in this program. Teaching assistantships in the English Department remain the major source of assistance. Many of our students have been successful in finding other sources of aid. Kyle Ferster Fiore and Joseph Weiss received Graduate Tuition Fellowships for the coming year. Father Lawrence Burke and Jeanne Whitehouse had these fellowships for the 1978-79 year. Ms. Fiore also serves as a teaching assistant for Women Studies and will be teaching American Studies 331 "Classics in U.S."
Feminism" in the fall. Tobias Duran continues to serve as coordinator in Chicano Studies. D.C. Cole and Geary Hobson taught two courses and one course respectively, each semester for Native American Studies.

The chairman, supported by the American Studies Faculty Committee, encouraged American Studies graduate students to contribute some of their interdisciplinary knowledge and teaching skills to the Student Learning Service. They provided tutoring for undergraduates who were referred by members of the American Studies Faculty Committee. The graduate students were compensated for their service from the funds allocated by the Dean of Arts and Sciences for the Student Learning Service.

American Studies graduate students continue their activities in publication. Gearld Hobson edited The Remembered Earth: An Anthology of Contemporary Native American Literature, Red Earth Press, which appeared in the spring. Pat D'Andrea continues as co-editor of the regional multicultural magazine, La Confluencia. American Studies graduate students, Marta Field and Kate Grenier continue to devote their efforts to publishing New America. Kyle Ferster Fiore has two books in press: Mujer (with Yvonne Tixier y Vigil and Nan Elsasser) Feminist Press & McGraw Hill, and Literary New Mexico Between the Wars (1920-1940) (with Marta Weigle) University of New Mexico Press. Ed Mahoney has written an introduction to the anthology Southwestern Images and Trends: Factors in Community
Development to be published by New Mexico State University Extension Service, entitled "Energy Options and Public Policy," and another article to appear in that same anthology, "Two Film Images of Western American Culture: A Comparative Note."

Doctoral students were also active participants at various conferences. Harriet Bloom-Wilson gave her paper "The Stereoscope: A Mass Medium in Victorian American Life" at a conference, Victorian Albums: Aspects of American Life, 1865-1900, sponsored by the National Archives and the Victorian Society in America. The conference was held at the National Archives in Washington, D.C. in March. Richard Wilson also attended that conference. Ms. Bloom-Wilson was also coordinator of the session Images of Ourselves in New Mexico Museums, at the RMASA conference in April. Ed Mahoney coordinated three sessions on energy for the RMASA conference, "Energy and Society," "Solar Energy Prospects," and "Images of a Nuclear Future," and another session "Film Images of the American Southwest," in which Kyle Fiore commented on "Salt of the Earth." Susan Kilgore served as a panel member of the session American Women: Public Images and Self-Descriptions coordinated by Nancy Theriot for the RMASA also. Nancy P. Greenman coordinated a session, Cultural Images in Learning, and presented her paper "American Attitudes Toward Bilingual/Multicultural Education." Rina Swentzell participated in the same session of the RMASA with her presentation "Cultural Values as Expressed in Institutional Architecture." James
Robertson presented a paper "Cabeza de Vaca in the Southwest" at the Western Literary Association Conference in Park City, Utah.

Among graduate students who use their skills to serve the community as well as to obtain financial support are Rina Swentzell and Winona Garmhausen. Ms. Swentzell is Educational Architect for the Albuquerque Indian School. She also participated in a Student Research and Term Paper Workshop, sponsored by Native American Studies in February, to help students develop papers in such topics as reservation economics, Indian education, and the Chicano and Indian movements of the 1970's. Winona Garmhausen continues to direct the art program at the College of Santa Fe.
I. General Departmental Information

A. Significant Achievements During the Academic Year, 1978-79

1) Field School - Survey and partial excavation of several pithouse and pueblo sites in the Mimbres Valley of southwestern New Mexico was undertaken by a group under the direction of Dr. Steven LeBlanc. Facilities were provided by the Mimbres Foundation in Mimbres, New Mexico. As part of this summer course, 14 students from UNM and other colleges in the U.S. participated in the work, which also included instruction in field and analytic techniques and visits to related sites.

2) Other Summer Courses - During the 1978 summer session, the following courses were also taught on the main campus:

<table>
<thead>
<tr>
<th>Course and No.</th>
<th>Instructor</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 120, Principles of Archaeology</td>
<td>Ms. Jumonville</td>
<td>34</td>
</tr>
<tr>
<td>ANTH 130, Cultures of the World</td>
<td>Dr. Bledsoe</td>
<td>59</td>
</tr>
<tr>
<td>ANTH 397, Music in Society</td>
<td>Dr. Bock</td>
<td>29</td>
</tr>
</tbody>
</table>

3) Evening Program - During the regular sessions, the following courses were all taught after 4 p.m.; it is our intention to permit students to take most or all of the courses for a major in the evening hours over a four year period.
<table>
<thead>
<tr>
<th>Course and No.</th>
<th>Semester</th>
<th>Instructor</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 125-002, Man in Nature</td>
<td>Fall</td>
<td>Campbell</td>
<td>42</td>
</tr>
<tr>
<td>ANTH 130-002, Cultures of the World</td>
<td>Fall</td>
<td>Alvarado</td>
<td>49</td>
</tr>
<tr>
<td>ANTH 125-001, Man in Nature</td>
<td>Spring</td>
<td>Campbell</td>
<td>45</td>
</tr>
<tr>
<td>ANTH 150-002, Primates &amp; Fossil Man</td>
<td>Spring</td>
<td>Froehlich</td>
<td>31</td>
</tr>
</tbody>
</table>

4) **Regular Undergraduate Program** - Relatively few changes were made in the undergraduate program. The catalog was revised to show current offerings and programs more clearly and a few new courses were added (ANTH 260, Cultural Context of Southwestern Crafts; ANTH 325, Anthropology of China) to meet known demands. Enrollment showed a slight decline, especially in 400-level courses. In general, the system of "core courses" for majors has worked out quite well although the seven required courses probably decrease the enrollment in upper-division electives, forcing occasional cancellations of courses. The additional space now available in the Anthropology Annex will have an important impact on all programs (see Part B).

5) **Graduate Program** - Dr. Gorbet served as chairman of the Department Graduate Committee and as representative to the Arts and Sciences Graduate Committee. His group carefully screened applicants and continued to review the files of students already in the program, notifying them of deadlines and evaluating their progress toward the degree. Though it may generate some student anxiety, this "tightening up" of procedures is certainly a needed improvement.

**Registration Data:**
- Fall 1978
- 107 Registered: 55 Female, 52 Male; 15 New Students
- 62 M.A. Students; 28 Post-M.A.; 16 Doctoral Candidates
Registration Data (Continued):

Spring, 1979
101 Registered: 53 Female, 48 Male; 5 New Students
63 M.A. Students; 25 Post-M.A.; 16 Doctoral Candidates

Degrees Awarded:

Summer, 1978
M.A. - 4 (3 Archaeology, 1 Ethnology);
Ph.D. - 1 (Archaeology)

Fall, 1978
M.A. - 5 (2 Archaeology, 2 Ethnology, 1 Linguistics);
Ph.D. - 3 (Archaeology)

Spring, 1979
M.A. - 7 (1 Archaeology, 1 Biological, 5 Ethnology);
M.S. - 2 (1 Archaeology, 1 Biological); No Ph.D.'s

Terminal M.A.'s Awarded (Summer, 78 – Spring, 79): 5

Number of Graduate Students in Each Subdiscipline as of Spring, 1979:

<table>
<thead>
<tr>
<th>Subdiscipline</th>
<th>M.A.</th>
<th>Post-M.A.</th>
<th>Ph.D. Candi.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archaeology (48)</td>
<td>30</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>Ethnology (33)</td>
<td>19</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>Linguistics (3)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological (17)</td>
<td>11</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Applications to Anthropology Graduate Program:

Spring, 1979: 14 applicants; 6 accepted, 5 enrolled
Fall, 1979: 104 applicants; 45 accepted, 17 declined (as of June 26, 1979)

Financial Aid:

Graduate Assistantships: 7 full assistantships
Project Assistantships: 3 (2 were for fall, 1978 only)
Work Study: Department: 4 Museum: 2
NSF Fellowship: 2
Frieda Butler Fund: 1
Ford Foundation Fellowship: 1
Employment with Office of Contract Archaeology: 8
Employment with Chaco Center: 6

6) New Faculty - With professors Schwerin, Draper, and Harpending on leave for all or part of the year, some teaching responsibilities had to be shifted, but all required courses were taught. Dr. Robert Santley, the newest member of the archaeology faculty, has shouldered a heavy load and promises to be a valuable colleague.
Two major searches were undertaken during the year. Due to the sudden, unexpected death of Frank Broilo, the department conducted a national search for a successor while Dr. Mark Harlan served ably as Acting Director of OCA. Final candidates were interviewed from Georgia, Arizona and California. Dr. Joseph Winter (Ph.D. Utah) was chosen and will take over on July 1, 1979. Also, a visiting ethnologist to replace Dr. Lamphere was sought with interviewing conducted at the AAA Meeting and by phone. Forty-five applicants were considered; the Department finally selected Evelyn Early (Ph.D. expected, U. Chicago), a Middle East specialist with interests in urban and medical anthropology.

During the year, Drs. Bledsoe and Rushforth were evaluated for contract renewal (Code 3) with positive results in both cases. Dr. Bledsoe will spend next year in Washington working and teaching for US-AID. At the very end of the year, Dr. Jeremy Sabloff was awarded tenure in the University; he continues as Editor of *American Antiquity* and as an invaluable colleague.

7) **New Staff** - Ms. Freddie Heitman was promoted to office manager replacing Jeanne Colahan, who resigned. Ms. Heitman has done a commendable job with her new responsibilities. Ms. Ada Plotner resigned to take a position with the Maxwell Museum. The jobs of Graduate and Undergraduate Secretary were filled, respectively, by Terese Haymond and Diane Cotton. Dr. Spuhler's secretary, Theresa See, was replaced by Yvonne Blea.

8) **Colloquia and Harvey Lectures** - The Department program of local and visiting speakers averaged over one lecture per week; this included graduate student colloquia, faculty talks, job candidates (OCA), and
distinguished visitors from other institutions. Most of the latter were Harvey Fellows, whose lectures will be published in the *Journal of Anthropological Research*. The Harvey Fellow Program should continue for at least two more years. A list of these speakers follows.
<table>
<thead>
<tr>
<th>Colloquia</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms. Betty Gatliff (FAA)</td>
<td>Facial Restoration Techniques</td>
</tr>
<tr>
<td>Ms. Patti Kramer</td>
<td>Migration and Population Structure in the Aland Islands, 1750-1950</td>
</tr>
<tr>
<td>Mr. Curtis Schaafsma</td>
<td>Navajo Migration into the Southwest</td>
</tr>
<tr>
<td>Dr. Scott Rushforth</td>
<td>Speaking to &quot;Relatives-through-marriage&quot;</td>
</tr>
<tr>
<td>Dr. Caroline Bledsoe</td>
<td>Applied Anthropology: Anthropologists and Development</td>
</tr>
<tr>
<td>Dr. Robert Roosen</td>
<td>Climate Change: Where Are We Now?</td>
</tr>
<tr>
<td>Ms. Nancy Hansen</td>
<td>Power Relations in Interethnic Marriages</td>
</tr>
<tr>
<td>Mr. Lynn Jorde</td>
<td>Genetic Structure of the Aland Islands</td>
</tr>
<tr>
<td>Mr. William Chasko, Jr.</td>
<td>Resource Structures and Subsistence Mobility in Northeastern Botswana</td>
</tr>
<tr>
<td>Mr. James Ebert</td>
<td>Research Proposal: Botswana Archaeology</td>
</tr>
<tr>
<td>Mr. Eric Rose</td>
<td>Socioeconomic Change: Nutrition and Health</td>
</tr>
<tr>
<td>Ms. Teddy Dressel</td>
<td>Effect of Multinational Enterprises on the Border Industrial Program</td>
</tr>
<tr>
<td>Dr. Seymour Alpert</td>
<td>Energy Conservation in the Human Body</td>
</tr>
<tr>
<td>Dr. Paul Parthun</td>
<td>Aspects of Ojibwa Nativism in Ethnomusicology</td>
</tr>
<tr>
<td>Dr. David Doyel</td>
<td>Resource Management and Archaeological Research in Arizona</td>
</tr>
<tr>
<td>Dr. Paul Fish</td>
<td>Resource Management and North American Archaeology</td>
</tr>
<tr>
<td>Dr. Joseph Winter</td>
<td>Resource Management and Archaeological Research in California and the Southwest</td>
</tr>
<tr>
<td>Ms. Mary Meyer</td>
<td>Albuquerque Elderly Use of Social Services</td>
</tr>
<tr>
<td>Ms. Jill Sweet</td>
<td>Tewa Indian Tourist Oriented Dance Events</td>
</tr>
<tr>
<td>Ms. Nancy Hansen</td>
<td>Marriage, Family and Social Mobility</td>
</tr>
<tr>
<td>Dr. Roger Keesing</td>
<td>Cultural Symbols and the Political Economy of Knowledge: Some Problems in Kwaio Religion</td>
</tr>
<tr>
<td>Dr. Susan Brown</td>
<td>Forced Transition from Egalitarianism to Male Dominated Hierarchies: The Case of the Bari of Columbia</td>
</tr>
</tbody>
</table>
Guest Lectures

Lic. Carlos Sebastian Hernandez Villegas  Olmec/Mayan Archaeology
Director of Museums, Tabasco, Mexico  and
Informal Seminar on Museums

Harvey Lectures

Dr. Elizabeth Colson  In Good Years and In Bad: Food Strategies
Univ. of Calif., Berkeley  of Self-Reliant Societies

Dr. Dennis Tedlock  Between Professional Ethnography and Personal
Boston University  Confession: The Emergence of a Dialogical

Dr. Richard Klein  Stone Age Exploitation of Animals in
Univ. of Chicago  Southern Africa

Dr. Gordon Willey  The Concept of the Disembedded Capital' in
Harvard University  Comparative Perspective

Dr. Alan Walker  Dietary Hypotheses and Human Origins
Johns Hopkins University

Harvey Colloquia

Dr. Elizabeth Colson  Remembrances of a Life in Anthropology:
Changes in the Field over a Third of a Century

Dr. Dennis Tedlock  Anthropology and Textual Interpretation
with Illustrations from Zuni and Quiche Maya

Dr. Richard Klein  Early Human Ecology

Dr. Gordon Willey  New Trends in the Study of Ancient Maya
Settlement Patterns

Dr. Alan Walker  Controversies in the Study of Man's Origins
July 1, 1978 - June 30, 1979

Mark E. Harlan, Acting Director

Over the past year, the Office of Contract Archeology, Department of Anthropology, has experienced exceptional success, marred only by the death of our Director, Frank J. Broilo, which occurred on 3 February, 1979. Mr. Broilo will be replaced on 1 July, 1979 by Dr. Joseph Winter, the unanimous selection of the Board of Archeologists.

The basic mission of O.C.A. has remained unchanged. The Office is committed to providing the highest quality consulting services to federal agencies and private concerns engaged in land altering activities on federally protected lands in the state of New Mexico.

The pertinent legislation which protects cultural properties includes:

d) Executive Order 11593 (36 F.R. 8921, 16 USC 470)

Several major contracts were awarded during the current fiscal year. These include: A Program of Archeological and Ethnohistoric Mitigation on the Pittsburg and Midway Mining Company's McKinley Mine Lease, Mitigation of 611 Acres on the Navajo Mine Lease for Utah International Mining, An Archeological Survey of 3816 Acres on the Jackpile Mine Lease for the Anaconda Company and A Phase One Assessment of the Roswell District of the BLM for the Bureau of Land Management. The Pittsburg and Midway Mitigation Program is under the direction of Mark E. Harlan and David C. Eck. The Utah International Program is directed by Cheryl Wase and James L. Moore. Stephen C. Lent and Kurt F. Anschuetz conducted the Anaconda
Survey, under the supervision of Mark E. Harlan. The Roswell District Assessment has been carried out by Eileen Camilli and Christina G. Allen, under the direction of Dr. Linda S. Cordell and Mark E. Harlan. Frank J. Broilo was Principal Investigator on all of these projects, until his death. That role was then assumed on an acting basis by Mark E. Harlan.

Publication of the final two volumes reporting the excavations undertaken in connection with the Cochiti Dam Project is expected this July. Major reports on a program of excavation at 5 sites for the Anaconda Company and the Anaconda Jackpile Mine Survey have been set in type and a sponsor will be sought for their publication. A number of less extensive reports, which have not been published, have been widely disseminated in manuscript form.

The professional staff of O.C.A. has attended numerous professional meetings throughout the year. The Office was represented at the annual meeting of the Society for American Archeology in Vancouver, B.C. by Mark E. Harlan.

Throughout FY79, the Office of Contract Archeology Small Projects Program has been under the direction of Mark E. Harlan. Twenty-eight projects were undertaken and twenty-two of these are now complete. Approximately 90% of these projects have been carried out for private concerns (energy companies, public utilities, etc.). The remainder of the contracts were awarded by federal agencies.

As in the past, the Office of Contract Archeology has attempted to incorporate students from the Department of Anthropology into its research programs. Whereas the character of work in past years had
confined participation mainly to advanced graduate students, the overall increase in project volume and, in particular, the greater number of excavation projects has allowed greater participation by junior graduate students and advanced undergraduates. The participation of Prof. Linda S. Cordell as a paid research consultant on the Roswell District Assessment and the Pittsburg and Midway Mitigation Program has enhanced the interface between academics and the contract program.

The FY80 projects are listed below, broken down into the categories "major" and "limited". Major projects involve funding between $20,000.00 and $350,000.00. Limited projects involve funding of less than $20,000.00. Fiscal details on all projects are available from the Contract and Grant Accounting Office.

### Major Projects

<table>
<thead>
<tr>
<th>Proposal Number</th>
<th>Contractor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>185-31</td>
<td>Anaconda Co.</td>
<td>Survey of 3836 Acres</td>
</tr>
<tr>
<td>185-21A</td>
<td>Utah International</td>
<td>Mitigation of 611 Acres</td>
</tr>
<tr>
<td>185-25A</td>
<td>Bureau of Land Management</td>
<td>Phase I Assessment</td>
</tr>
<tr>
<td>185-38</td>
<td>Pittsburg and Midway Mining Company</td>
<td>Mitigation of McKinley Mine Lease</td>
</tr>
</tbody>
</table>

### Limited Projects

<table>
<thead>
<tr>
<th>Proposal Number</th>
<th>Contractor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>185-2FF</td>
<td>Ideal Cement</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2GG</td>
<td>Mountain Bell</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2HH</td>
<td>Albert Sims</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2II</td>
<td>Public Service Co.</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2JJ</td>
<td>Molzen-Corbin</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2KK</td>
<td>Mountain Bell</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2II2</td>
<td>Public Service Co.</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2MM</td>
<td>Public Service Co.</td>
<td>Survey</td>
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<tr>
<td>185-2HN</td>
<td>Public Service Co.</td>
<td>Survey</td>
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<tr>
<td>185-200</td>
<td>ANAX Explorations</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2PP</td>
<td>Molzen-Corbin</td>
<td>Survey</td>
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<tr>
<td>185-35</td>
<td>N.P.S.</td>
<td>Data Recovery</td>
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<tr>
<td>Proposal Number</td>
<td>Contractor</td>
<td>Description</td>
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<tr>
<td>-----------------</td>
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</tr>
<tr>
<td>185-2QQ</td>
<td>Pioneer Nuclear</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2RR</td>
<td>Teledine Exploration</td>
<td>Survey</td>
</tr>
<tr>
<td>185-36</td>
<td>Corps of Engineers</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2SS</td>
<td>Irick Business Corp.</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2TT</td>
<td>Public Service Co.</td>
<td>Survey</td>
</tr>
<tr>
<td>185-38</td>
<td>Keradamax</td>
<td>Testing</td>
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<tr>
<td>185-38A</td>
<td>Bendix Engineering</td>
<td>Survey</td>
</tr>
<tr>
<td>185-38B</td>
<td>CONOCO</td>
<td>Survey</td>
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<tr>
<td>185-40</td>
<td>Assurance Nuclear</td>
<td>Survey</td>
</tr>
<tr>
<td>185-41</td>
<td>Corps of Engineers</td>
<td>Survey</td>
</tr>
<tr>
<td>185-36A</td>
<td>Corps of Engineers</td>
<td>Survey</td>
</tr>
<tr>
<td>185-42</td>
<td>Pioneer Nuclear</td>
<td>Survey</td>
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<tr>
<td>185-43</td>
<td>Pioneer Nuclear</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2UU</td>
<td>Federal Highway Dept.</td>
<td>Survey</td>
</tr>
<tr>
<td>185-2VV</td>
<td>Kerr-McGee</td>
<td>Survey</td>
</tr>
</tbody>
</table>
The Chaco Center, a National Park Service supported research facility working in cooperation with the University of New Mexico, continued archeological and environmental research in the central portion of the San Juan Basin.

The excavation season in Chaco Canyon National Monument began in late May and was completed by the 1st of October. Twelve archeologists, three laborers, 15 volunteers, and two Student Conservation Association crews, were engaged in the field program. A small village site was tested, and excavations continued at Pueblo Alto where the final field season of the three-year program was completed. A short period of time was spent at Una Vida, a large site like Pueblo Alto, late in the season retrieving data on room features prior to backfilling.

In the fall and winter analyses and interpretation of data retrieved from the field program continued. Architectural, lithic, ceramic, and faunal analyses were conducted by staff members. Environmental studies, including palynological, macrobotanical, and paleoclimatic analyses, were carried out concurrently. A good deal of time was spent in further identification and documentation of Chacoan satellite communities in the San Juan Basin. Cooperative programs with Federal agencies, oriented toward the ultimate protection and management of these sites, were initiated. Remote-sensing techniques were relied upon heavily in the documentation of the outlying communities. A monograph on the satellite system is currently being edited.
Eleven manuscripts were completed on various aspects of the research related to Chaco Canyon. Four reports were published, and several others are in press. Staff members attended numerous professional meetings, symposia and conferences. The Center continues to act as a clearing house for information on archeological research in the San Juan Basin. Center personnel consisted of five permanent National Park Service employees, nine staff archeologists (temporary), and one archivist.

Drs. Lister and Judge offered both formal and informal training in Southwestern archeology to numerous University of New Mexico students on various aspects of Chacoan and Chaco-related anthropological research. In addition, Judge continues to serve, as Chairman or member, of both M.A. and Ph.D graduate committees.

Cooperative programs were accomplished, or are continuing, with the University of New Mexico departments of Geology, Biology, Anthropology, and with Photo Services and the Office of Contract Archeology. Both the Center Library and Vivian Archives continue to receive heavy use by faculty, staff, and students, as do the artifact collections and specialized analytical equipment, such as that for archeomagnetic sampling.

Joint programs also were conducted with other National Park Service Divisions, with the Bureau of Land Management, the Bureau of Indian Affairs, the New Mexico Archeological Society, the Public Service Company of New Mexico, and several private research foundations.
The Report of the Division of Remote Sensing

July 1, 1978 - June 30, 1979

Thomas R. Lyons, Chief

During fiscal year 1978, the Remote Sensing Division, a joint office of the National Park Service and the University of New Mexico, has continued its activities in the development of remote sensing methods and techniques for cultural resources management and archaeological research. Under the direction of Dr. Thomas R. Lyons, the Division operates under a cooperative agreement with the Department of Anthropology; permanent staff include Dwight L. Drager and James I. Ebert. In addition to these personnel, 8 U.N.M. students worked part time for the Division during 1978-79, and additional research was carried out under contract by a number of students and faculty from the Department of Anthropology, Department of Biology, Department of Electrical Engineering, Technology Applications Center, and Office of Contract Archaeology. Other benefits accruing to the university through the cooperative agreement included the teaching of a credit course in cultural resources remote sensing under the Anthropology Department, class lectures in remote sensing for archaeological research and conservation by Division staff, laboratory tours for classes from a number of U.N.M. departments, and consultation with students and faculty from the Department of Anthropology and other U.N.M. departments concerning the integration of remote sensing in their research projects. The Division maintains extensive laboratory facilities, updated this year to include a digital planimeter and coordinate digitizer and roll-film stereoscope facilities.
which is available to and used by U.N.M. faculty and students. In addition, the Division has cooperated with Dr. Stan Rhine of the Department of Anthropology and Dr. Homer Campbell of the State Medical Examiner's Office in the use of electronic image enhancement techniques for pathological studies. Students and faculty also have the opportunity to publish articles concerning research involving remote sensing in the Division's publication series; during FY78 the Division published 3 books and nearly 20 articles and papers.

The research carried out by the Remote Sensing Division is oriented primarily toward fulfilling the needs of cultural resource management within the National Park Service and the profession in general and toward the development of methods to increase the accuracy, cost-effectiveness and speed of cultural resource treatment and archaeological research. During FY78, a major area of concentration has been methods for informed ecological stratification of large survey areas for sampling purposes using aerial and space imagery; experiments carried out in the San Juan Basin of northwestern New Mexico and the National Petroleum Reserve in Alaska indicate that accurate information on the nature and distribution of archaeological resources can be arrived at using extremely small samples in this manner. Additional Remote Sensing Division projects have been concerned with the detection, photogrammetric mapping, and analysis of cultural resources at some 30 locations in New Mexico and across the United States, including White Sands National Monument, Gran Quivira, El Morro, Abo, Chaco Canyon and the San Juan Basin, Canyon de Chelley, Wupatki, Shenandoah National Park, Valley Forge, and many of the present-day Pueblos in New Mexico.
B. Significant Plans and Recommendations for the Future

Perhaps the most important single event of 1978-79 was the assignment to Anthropology of nearly 10,000 square feet of space in the Anthropology Annex (formerly, State Health Laboratory). We are particularly grateful to Mr. Joe McKinney and the Space Allocation Committee for the decisions that lead to this event. The space will be occupied in several phases. To begin with, OCA will occupy the upper floor (see attached report). The basement is presently being shared by a number of department programs: summer field sessions labs; Mimbres Foundation offices, labs, and archives; Maxwell Museum storage, pollen lab, and osteological preparation and collections. Over the next year, some of the programs will be phased out (Mimbres and field school labs) and others moved to different locations (pollen lab, Maxwell and osteological storage). Ultimately the space will be shared by OCA and departmental offices and labs. A high priority will be the development of lab sections to accompany our beginning archaeology course, ANTH 120, and other courses. Renovation of the lower floor will be essential, and applications will be made to several granting agencies for needed equipment, but the University will also be asked to schedule minimal repairs. Some degree of security has already been achieved by installation of new doors and locks, but further improvements are needed if the space is to be used safely for undergraduate instruction and faculty offices.

The sharing of quarters by OCA and departmental archaeology programs together with the hiring of Dr. Winter as OCA Director should also make possible a much closer integration between these parts of the anthropology program. We hope, especially, to see OCA research projects translated into Ph.D. dissertations where appropriate, and
to encourage faculty input into early stages of research planning.

Another major impact on all programs will come from the new Basic Skills courses starting Fall, 1979. I have serious doubts about the ability of such a program to improve retention of unprepared students, but this department will cooperate fully in the implementation of Basic Skills course. Dr. Richard Barrett and Dr. Philip Bock will teach these courses in Fall and Spring, respectively, and our most experienced GA's will be used. It is hoped that this will not adversely affect undergraduate opportunities for students who are prepared for college work.

We shall attempt to increase departmental enrollments by offering lab sections and credits in Anth 120 and 150 (discussed above), by careful scheduling (including evening and 200-level courses), and by generally improving the quality of teaching and advisement. It would be irresponsible to attempt to increase graduate enrollment in those specialties where no job opportunities exist, but anthropology must remain an important part of liberal education at UNM. The high quality of scholarship and community activity of this faculty is documented in Part II, below.
C. Appointments to Staff

Joseph C. Winter, Director, Office of Contract Archeology

Effective July 1, 1979

D. Separations from Staff

Frank J. Broilo, Director, Office of Contract Archeology

Deceased February 3, 1979

Robert Roosen, Research Associate Professor

Effective October 31, 1978
II. COMPOSITE OF INFORMATION REQUESTED ON INDIVIDUAL BIOGRAPHICAL SUPPLEMENTS

1. Advanced Study

Rhine, J. Stanley
Certified as "Diplomate of the American Board of Forensic Anthropology", by the American Board of Forensic Anthropology, Inc. (American Academy of Forensic Science) Rockville, Maryland.

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.

Campbell, John Martin
Field Research, Yukon Territory, Canada June - August 1978

Cordell, Linda S.
Leave of absence (Spring 1978) spent on IGPA research with the USDA Forest Service, Southwest Regional Office. Work continued during Summer 1978.

Draper, Patricia

Froehlich, Jeffery W.
Two weeks field research in Panama Canal Zone (January 1978).

Harpending, Henry
Sabbatical (Fall 1978)

Rhine, J. Stanley
Travel to American Academy of Forensic Sciences Annual Meetings in St. Louis, Missouri

Schwerin, Karl H.

Sebring, James M.
Travel to Southern Indiana for exploratory research in several socially variegated communities in rural southern Indiana, propaedeutic to possible field work.
Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc., (cont)

<table>
<thead>
<tr>
<th>Name</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straus, Lawrence G.</td>
<td>Travel to Cambridge, England, Paris and Bordeaux France, San Sebastian and Oviedo Spain to consult with collaborating natural scientists in the LaRiera Paleo-ecological Project (of which he is Co-Director), and to analyze artifact collections in Oviedo and terminate the excavations.</td>
</tr>
<tr>
<td>Workman, Peter</td>
<td>Summer research in Finland; invited as &quot;Distinguished Lecturer&quot; in series on human population dynamics, University of Kansas, Lawrence, October - November, 1978.</td>
</tr>
</tbody>
</table>

3. New Scholastic honors, fellowships, etc.

<table>
<thead>
<tr>
<th>Name</th>
<th>Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brody, J.J.</td>
<td>Award of Honor from New Mexico Cultural Properties Review Committee; Award for 'Best Art Book' from Border-Regional Library Association, both for Mimbres Painted Pottery.</td>
</tr>
<tr>
<td>Weigle, Mary Martha</td>
<td>New Mexico Folklore Society, Roll of Honor, May 1978. Exxon Education Foundation, $22,000 grant, &quot;Mythology of the Americas&quot; with David Johnson, English Department.</td>
</tr>
</tbody>
</table>

4. Publications

<table>
<thead>
<tr>
<th>Name</th>
<th>Publication</th>
</tr>
</thead>
</table>
Publications (cont'd)

Barrett, Richard A.


Binford, Lewis R.


Publications (cont'd)

Bledsoe, Caroline

Women and Marriage in Kpelle Society. Stanford University Press. 1979

Review of Kopytoff and Miers, Slavery in Africa, Univ. of Wisconsin Press (in) JAR forthcoming.

Bock, Philip K.


Brody, J.J.

"Mimbres Painting and the Northern Frontier", Across the Chichimec Sea, Carroll Riley and Basil Hendrick, eds., SIU Press, pp. 11-21


Campbell, John M.


Cordell, Linda S.


A Cultural Resources Overview of the Middle Rio Grande Valley New Mexico, USDA Forest Service, Region 3 and USDI Bureau of Land Management, New Mexico State Office (Santa Fe).
Publications (cont'd)

Draper, Patricia


Froehlich, Jeffery W.


Harpending, Henry


Judge, James W.


Lamphere, Louise


Review of Aborigines in White Australia by Sharman Stone, Man, 12:1:204-205.

Rhine, J. Stanley


Rushforth, E. Scott

### Publications (cont'd)

**Sabloff, Jeremy A.**  

**Salvador, Mari Lyn**  
*Yer Dailege! Kuna Women's Art*, Maxwell Museum of Anthropology, University of New Mexico Press.  
*People of the Southwest*, Maxwell Museum

**Schwerin, Karl H.**  
*Behavioral Values and Family Structure in American Society*, Boulder: ERIC


**Spuhler, J.N.**  

*La evolucion de la conducta humana*, *Ethnica, Revista de Antropología*, Barcelona, 1978. (Submitter by request)

<table>
<thead>
<tr>
<th>Name</th>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thoughts on Solutrean concave base point distribution. Lithic Technology. 6:32-35.</td>
</tr>
</tbody>
</table>
Weigle, Mary Martha (cont'd)

(Ed.) Folklore Women's Communication, no. 14, winter 1978.
(Ed.) Folklore Women's Communication, no. 15, spring 1978.
(Ed.) Folklore Women's Communication, no. 16, fall 1978.

Workman, Peter

5. Other Research Projects or Creative Work in Progress or Completed During Period

Alvarado, Anita L.

- **In progress:** Revision of papers on roles of Pueblo women and on the status of Mexican-American women in nursing.


Barrett, Richard A.

- Manuscript of book in preparation that will serve as a broad introduction to cultural anthropology.

  - Article: "Elite Mobility in a Spanish City," likely to appear in *Ethnica*, summer or fall issue 1979.


Binford, Lewis R.


Bock, Philip K.

- Completed manuscript of work on the history of psychological anthropology, to be published by W. H. Freeman, probably in 1980.

Brody, J. J.

- Completed revisions of "Southwest Indian Art" article for *Handbook of North American Indians*.

  - Began work for book on Beatien Yazz, Navajo Artist for School of American Research publication, possible date of publication: 1980.

  - Began work for major exhibition (travelling) on Chaco Canyon archaeology (1982–5?) (NEH Grant for $10,000, 1978–9).

  - Organised exhibition: "Prehistoric Ornament of the Southwest for the Maxwell Museum."
Other Research Projects, etc. (cont.)

Campbell, John Martin

Short story: "A Week on the Smith: Advanced Lessons in the Dry Fly".

Short Story: "The Odd Shot on Geese".

Cordell, Linda S.


The Wetherill Mesa Simulation Revisited (Paper delivered at the School for American Research: Advanced Seminar on Simulation Modelling in Archaeology, Santa Fe).

Draper, Patricia


Froehlich, Jeffery W.

Two papers on Multivariate Approaches to Human Fingerprint Variation submitted to American Journal of Physical Anthropology.

Work in progress on several papers dealing with demographic and population structure of Panamanian Howler Monkeys; three weeks of collaboration with coauthor visiting from the Smithsonian (July).

Gorbet, Larry

"Meta-quotations as a language design feature"; "Syntactic processes in discourse"; "Development of small computer based linguistic field data files".

Continued research on "headless relatives" in Southwestern languages; semantic and pragmatic factors in pronoun conjunction in English, American Sign language, and the assertional structure of noun phrases.
### Other Research Projects, etc. (cont.)

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harpending, Henry</td>
<td>&quot;Selection of Social Traits in a Saturated Habitat&quot; submitted to Theoretical Population Biology.</td>
</tr>
<tr>
<td></td>
<td>Research proposal to National Science Foundation (with J. Marshall and P. Draper).</td>
</tr>
<tr>
<td>Judge, W. James</td>
<td>Completion of archeological field-work, Chaco Project. Beginning of intensive analysis of data recovered from Pueblo Alto excavation.</td>
</tr>
<tr>
<td></td>
<td>Professional evaluation of Early Man Project, NPS/NGS, Alaska.</td>
</tr>
<tr>
<td>Lamphere, Louise</td>
<td>Continuation of NIMH Grant (Center for the Study of Metropolitan Problems) research on &quot;Women, Work and Ethnicity in an Urban Setting.&quot; June 21, 1976 to May 31, 1978 (Direct Costs $69,000).</td>
</tr>
<tr>
<td>Rhine, J. Stanley</td>
<td>Continuing research of facial tissue depths, with H. R. Campbell, D.D.S.</td>
</tr>
<tr>
<td></td>
<td>Started project for computer enhancement of human bite mark photographs, with H. R. Campbell, D.D.S.</td>
</tr>
<tr>
<td></td>
<td>Began survey of Tijeras Canyon skeletal material for neoplastic growths, with W. L. Minear, M.D.</td>
</tr>
<tr>
<td></td>
<td>Report to Highlands University on the skeletal population of the Sininger Site.</td>
</tr>
<tr>
<td></td>
<td>Completed &quot;Relative Clauses in Bear Lake Athapaskan&quot;, submitted for publication, Spring, 1979.</td>
</tr>
</tbody>
</table>
### Other Research Projects, etc. (cont.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salvador, Mari Lyn</td>
<td>Field Research... Portuguese American Ritual in California. Continuation of preparations for exhibition of photographs and interpretive text at Oakland Museum, California. Partially supported by the Dept. of Anthropology.</td>
</tr>
<tr>
<td>Sebring (cont.)</td>
<td>Conclusion of monograph; still being revised and expanded. On-going research into aspects of religious attitudes and instruction among students in Roman Catholic schools of Albuquerque and related matters; planning for in-depth research in the near future. Regular piano study, begun four years ago.</td>
</tr>
<tr>
<td>Straus, Lawrence Guy</td>
<td>Work in Europe sponsored by continuing National Science Foundation Grant (La Riera Paleoecological Project: c. $70,000), with supplementary funds from the U.N.M. Research Allocations and the Board of Archaeologists. Analysis and write-up continues, with various publications in press or in preparation. Work on manuscript on the Mesolithic of Western Europe.</td>
</tr>
</tbody>
</table>
6. **Activities in Learned and Professional Societies.**

**Alvarado, Anita L.**  
"Ethnomedicine: An Overview", Presentation in series, Controversy and Challenge in Medicine. Videotaped for educational module. School of Medicine, UNM.

"Cultural Biases in Health Care Delivery to Women", N. M. Assn. of Nurse Practioners.

"Cultural Perspectives in Aging", N. M. Humanities Council.

**Bledsoe, Caroline**  


**Bock, Philip K.**  
Participated in organization meeting of new Society for Psychological Anthropology (Concurrent with AAA).
Activities (cont.)

Brody, J. J. 

Vice Presidential nominee of Council for Museum Anthropology.

Cordell, Linda S.

Attended meetings of Society for American Archaeology, Tucson, and Pecos Conference, Flagstaff.

Attended School for American Research Advanced Seminar on Simulation, Santa Fe, October.

Gorbet, Larry

Attended 14th Annual Meeting of the Chicago Linguistic Society, April.

Attended annual Hokan-Yuman Languages Workshop, Univ. of California, San Diego, June.

Harpending, Henry

Associate Editor, American Journal of Physical Anthropology.


Judge, W. James

Meetings attended: SAA, AAA, AMQUA.


Worked with both SAA, NPS, and Civil Service Commission to upgrade Civil Service standards for archeologists.

Lamphere, Louise


Rhine, J. Stanley

Activities (cont.)

Rusforth, E. Scott

Member, American Anthropological Association.

Sabloff, Jeremy A.

Officer of the Society for American Archaeology and member of its Executive Committee.


Salvador, Mari Lyn

"Festas do Espirito Santo: Religious Ritual in the Azores and in California," paper read at the 77 annual meetings of the AAA.

Schwerin, Karl H.


Attended conference Amazonia: Extinction or Survival?, April, 1978, U. of Wisconsin, Madison, WI.


Spuhler, J. N.


Straus, Lawrence Guy

Paper delivered (with G. A. Clark) at the Annual Meeting of the SAA in Tucson (May, 1978), "Prehistoric human adaptations to the Cantabrian coastal plain: the La Riera Paleoecological project".

Have been invited to participate (and have done so by submission of manuscripts and letters) in the work of the INQUA Commission on the Paleoecology of Early Man (Spanish Group) and the Juan March Foundation Symposium on Iberian Prehistoric chronology.

Member of South African Archaeological Soc., in addition to the societies listed in earlier years.

Continue volunteer translating of articles from French and Spanish to English (or Spanish) for colleagues.
Activities (cont.)

Weigle, Mary Martha


Editor, Publications of the American Folklore Society; member, Publications Committee.

Editor, Folklore Women's Communication.

Vice-President, New Mexico Folklore Society.

Workman, Peter

Invited Presentation, "Genetic Structure of the Aland Islands" at the 7th Sigrid Juselius Symposium, Mariehamn, Aland, Finland, August 1978.

7. Other Professional Activities

Alvarado, Anita L.

"Cultural Variations Among Mexican-American Elderly" Symposium organized by the Division of Public Administration, UNM, for service providers to the elderly.

Consultant, University of Oklahoma College of Nursing. Project on recruitment and retention of culturally different students.

Consultant, Pan American Health Organization for medical anthropology.

Binford, Lewis R.

Invited Lectures:
Univ. of Colorado at Colorado Springs
Univ. of Nebraska at Lincoln
Univ. of Tennessee
Univ. of South Carolina
Univ. of Georgia
Arizona State University
Univ. of Texas at El Paso.

Bledsoe, Caroline

Ten-day consultancy for USAID in Liberia, helping design a study.

Bock, Philip K.

Piano Recital (benefit) at Meridian Gallery, Nov., 1978 (music of Bach, Mozart, Beethoven, Schubert, Ravel, Bartok and others).

Other Professional Activities (cont'd)

Brody, J.J. Consultant: Acoma-Sky City Pueblo Tourist Center and Museum; Mimbres Valley Museum; Arco Gallery, Los Angeles.

Lectures: University of Washington
Alfred University, New Mexico State University, other public lectures.

Board member: Ghost Ranch Museum;
American Indian Arts (editorial).

Member: New Mexico Paleontological Task Force.
Juror: New Mexico State Fair
(Indian art); Wheelwright Museum
(Indian art).

Campbell, John Martin Lectured to Trout Unlimited on the Arctic Grayling.

Consulting Archaeologist-Pittsburg
Midway McKinley Mine Project
(through OCA, UNM), September -
December (and continuing).

Talk at El Dorado High School on
PaleoIndian Archaeology of New Mexico.

Draper, Patricia Guest lecturer at College of
Charleston guest lecture series,
November 7 & 8, 1978, presented
lecture entitled: "Sociobiology
and Modern Sex Roles".

Research consultant, V.A. Hospital,
Albuquerque; New Mexico

Gorbet, Larry Invited talk to the University of
Washington Linguistics Department
"Are Complementizers Case-Markers' in Diegueno?", Seattle, June 5.

Harpending, Henry Several lectures at the University
of Kansas, October, 1978.

Invited speaker: Bandelier Lecturer,
New Mexico Archeological Society Annual
Meeting. Member: Executive Committee
NMAS.

Judge, W. James Participation in annual "Medicolegal
Investigation of Death", seminar
offered by UNM Medical School consulted
for identification of the skeletal remains
of a young murder victim from Illinois;
Other Professional Activities (cont’d)

Rhine, J. Stanley (cont’d) consulted for material and suggestions by students for hallway exhibit in Anthropology building.

Rushforth, E. Scott Consultant, Institute for Applied Research Services, Division of Behavioral Research (June 1978) UNM

Sabloff, Jeremy A. Chairman, School of American Research Advanced Seminar on "The Use of Systems Models and Computer Simulations in Archaeology" (Santa Fe, October, 1978); Consultant for the Hansen Planetarium, Salt Lake City, Utah, for the planning of a new show on Ancient Mesoamerican Archaeoastronomy.

Schwerin, Karl H. Judged cactus exhibits New Mexico State Fair flower shows, Sept. 13, 19.

Treasurer, Sigma Xi, University of New Mexico chapter, 1978-1979.

Sebring, James M. Advising, Maxwell Museum, mini-exhibit on India/South Asia.

Editorial reading of papers for American Ethnologist.

Spuhler, James N. Member, Assembly of Behavioral Sciences, National Academy of Sciences, 1973-

Member, Editorial Board, American Society of Naturalists, Class of 1978-80.

Straus, Lawrence Guy Early Man (Spanish Group) and the Juan March Foundation Symposium on Iberian Prehistoric chronology.

Member of the So. African Archaeological Society.

Continued work (volunteer) translating articles from French & Spanish to English (or Spanish) for colleagues, to be published in the U.S. (inc. UNM’s JAR) & Spain.

Weigle, Mary Martha "Verbal Art as Performance: Contemporary Concerns in Folklore", a colloquium for Departments of English and Anthropology, and Southwest Studies, Colorado College, Colorado Springs, 30 January 1978.

Other Professional Activities (cont'd)

Weigle, Mary Martha (cont'd)  
Talks on the Penitente Brotherhood to the docents of the Museum of Albuquerque, the docents of the Museum of New Mexico, Santa Fe, and the Santa Fe Corral of the Westerners, March 1978.

Consultant for National Geographic Magazine, to review an article on New Mexico, June 1978.

Two slide-lecturers on "Folk Religion in New Mexico" for the 1978 Folklore Institute at Ohio State University, Columbus, June 1978.


Talk on the Penitente Brotherhood for the Volunteers of the Museum of New Mexico, Santa Fe, November 1978.


8. Non-Teaching University Service

Alvarado, Anita L.  
Department of Psychiatry, UMM School of Medicine, Development of Division of Cross-Cultural Psychiatry.

Search committee, Associate Provost for Academic Affairs. Minority Concerns Committee.

Arts and Sciences Human Subjects Committee.

Faculty Senate.

Undergraduate Academic Affairs.

Barrett, Richard A.  
Member, graduate committee, Dept. of Anthropology, Fall, 1978.

Binford, Lewis R.  
Chairman, Soc. Science Promotion Committee.

Member, Arts and Sciences Tenure Committee.

Bledsoe, Caroline  
UNM faculty library committee.

Library liaison between Zimmerman and Anthropology Department.
Non-Teaching University Service (cont’d)

Bock, Philip K.  
Chairman, Dept. of Anthropology,  
Department Representative for United Way.  
Member (faculty advisor), ASUNM Speakers' Committee.

Brody, J.J.  
Director, Maxwell Museum of Anthropology.  
Member, Advisory Committee, UNM Fine Arts Museum.  
Fund-Raising Advisory Council.  
Maxwell Museum Association.

Campbell, John Martin  
Chairman, Board of Archaeologists, UNM  
Member, Academic Freedom and Tenure Committee, UNM

Cordell, Linda S.  
Faculty Senate Member, September – December (and continuing)

Draper, Patricia  
Supervising two doctoral dissertations being written by graduate students, Elizabeth Cashdan & Pita Kelekna

Froehlich, Jeffery W.  
Coordinated Harvey Visiting Lecture Series for Anthropology Department.

Gorbet, Larry  
Head of Anthropology Dept. Graduate Committee.  
Member, Arts & Sciences Graduate Committee.  
Linguistics Dept. M.A. Examination Committee.  
Departmental contract renewal evaluation committee for Scott Rushforth.  
Advisor to three graduate students.

Harpending, Henry  
MARC Program.

Judge, W. James  
Committee Chairman, 4 doctoral candidates.  
Sponsor, 5 masters candidates.

Lamphere, Louise  
Women Studies Committee, Spring, Fall Semester 1978.  
Advisory Board, Native American Studies, Fall, 1978.
Non-Teaching University Service (cont'd)

Lamphere, Louise (cont'd)
Faculty Senate, Fall 1978.
Senate Committee on Graduate Programs & Standards, Fall 1978.

Rhine, J. Stanley
Continued as Associate Curator of Physical Anthropology, Maxwell Museum.
Continued as Forensic Anthropology for New Mexico, Office of the Medical Investigator.
Continued in Joint Appointment by Dept. of Pathology, UNM Medical School.

Rushforth, E. Scott
Member, Undergraduate Committee, Dept. of Anthropology, UNM.
Member, Native American Studies Advisory Board, UNM.

Sabloff, Jeremy A.
Member, Maxwell Museum Association Board.

Salvador, Mari Lyn
UNM Press Committee
Latin American Concilium:
Program Planning Committee.
Partners of the Americas Faculty Advisor.

Schwerin, Karl H.
University Committees: Research Policy Committee.
Faculty Library Committee.
Search Committee for Appointee in Latin American Studies
College Committees: Graduate Committee of Arts & Sciences.
Arts & Sciences Advisory Committee on Latin America.

Sebring, James M.
Member, PhD. Committee for Edward Nash, American Studies.
Committee on Asian Studies.
Consultant to Religious Studies Committee.

Spuhler, J.N.
Editor, Journal of Anthropological Research
Member, University Press Committee

Straus, Lawrence G.
Member, Faculty Senate, Senate Research Committee, Faculty Library Committee, Board of Archeologists.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straus, Lawrence G.</td>
<td>Chairman of an M.A. Committee. Member of several other M.A. and PhD. Committees. Chairman of Anthropology Faculty (Archaeology) Search Committee.</td>
</tr>
<tr>
<td>Workman, Peter</td>
<td>Director of undergraduate studies, Member, graduate committee, Anthro. Dept. Promotion, contract renewal committees. Counselor to Hillel-Jewish Student Union. 4 PhD. students directed who will complete PhD. in June, 1979, 3 MA level students</td>
</tr>
<tr>
<td>9. Public Service</td>
<td></td>
</tr>
<tr>
<td>Bock, Philip K.</td>
<td>Master of Ceremonies, benefit auction for Armory for the Arts Exhibit, Aug. 1978. Board Member, Experiment in Jewish Learning (lecture series).</td>
</tr>
<tr>
<td>Brody, J.J.</td>
<td>New Mexico Cactus &amp; Succulent Society.</td>
</tr>
<tr>
<td>Judge, W. James</td>
<td>Advisory Council, Explorer Post #296.</td>
</tr>
</tbody>
</table>
Public Service (cont'd)

Lamphere, Louise
Editorial Board, SIGNS: Journal of Women in Culture & Society.

Rhine, J. Stanley
Court appearance (Sandoval County) expert witness for the State in murder trial.

Schwerin, Karl H.
Dept. Committee: Chairman, Committee on Graduate Studies.
Judged cactus exhibits NM State Fair Flower shows, Sept. 13, 19.
Lectured NM Cactus & Succulent Society Oct. 20.
Civitans Club, Nov. 10

Sebring, James M.
Archbishop’s School Fund Drive, Advisory board member (active board membership resigned in August 1978 but continued affiliation).

Weigle, Mary Martha
Board of Directors, Santa Fe Histroical Society.
Planning Committee, Southeast Neighborhood Association, Santa Fe.

Workman, Peter
Chairman, Parks and Recreation Board, Village of Corrales.

10. Personal Information
Barrett, Richard A.

Judge, W. James
Continue as Chief, Division of Cultural Research (Chaco Project, NPS/UNM).
Retain a part-time faculty position in the Anthropology Department.

Sabloff, Jeremy A.

Salvador, Mari Lyn
New daughter born.
Introduction

The Biology Department is fortunate in having the services of a young and vigorous faculty, most of whom are in the process of aggressively establishing themselves as scholars and teachers. We experience substantial group spirit and friendly competition. Some of this spirit rubs off on those of us who are no longer at the crest of youthful enthusiasm, to our benefit, and certainly this enthusiastic pursuit of biological knowledge has infected many of our students.

The Biology Department these days is a pretty exciting place to be. Many things are happening; people stand in the halls talking about doing and teaching biology. But more importantly, our faculty and students are doing science, in México, Central America, Africa, New Zealand, and Malaysia, as well as home, as this report is processed.

In striving for accomplishment, we lean heavily on a dedicated and excellent departmental staff, whose contributions to the progress of the group are substantial and vital.

A. Significant achievements during AY 1978-79.

1. Teaching Innovations.

   a. Gulf of California field trip. Under the leadership of Professors Duszynski and Molles, segments of the
Invertebrate Zoology, Ichthyology, and Parasitology classes spent a week at the University of Arizona/University of Sonora marine biology station at Puerto Peñasco, Sonora. This was part of a pilot program to test the feasibility of a regular field course in marine zoology. The course has now been instituted on a regular basis.

b. **Special Seminar Program.** In addition to the regular departmental seminar, a series of weekly special interest seminars was instituted in AY 1978-79. The series covered Ornithology, Herpetology, Mammalogy, Community Ecology, Sociobiology, Sonic Ecology, and Cellular Biology. Most of these seminars were organized and run by the participants. In addition, the weekly Ecology Brown Bag seminar continued unabated.

c. **Special library facilities.** Two special libraries were established in the Department this year. Professor Wiens has made available an extensive set of journals in the area of ornithology and ecology. Findley has moved a specialized mammalogy library consisting of books, journals, and reprints into a special library room in the Museum of Southwestern Biology. Together, these sources provide access to many of the important sources in vertebrate ecology and evolution.

d. **Exhibit Program.** The Departmental exhibit greenhouse attracts many visitors, but in the past exhibits of animals have not been available. This year we instituted a modest experimental set of animal exhibits,
featuring New Mexican forms of life. This has proven extremely popular with the many groups of visitors, especially children, which pass through our building.

2. New Laboratory Facilities.
   a. **Karyology and Electrophoresis Laboratory.** Professor Yates, newly added to our faculty, has established a laboratory for the analysis of evolutionary relationships through the study of chromosome morphology and serological patterns. Interest in this area among the faculty has been high, and several joint research projects have already developed.
   
   b. **Annex Remodeling.** The former Pharmacy Building, now the Biology Annex, was remodeled extensively during AY 1978-79. Included was a highly specialized *Chemical Ecology Laboratory*, under the direction of Professor Cates. The latter facility, primarily oriented toward analysis of plant compounds, is probably one of the better ones in the country. Cates' ambition is to achieve a position of leadership in chemical ecology, and I have no doubt we will, judged by progress so far.
   
   c. **Ethnobotany Laboratory.** At the urging of Professor Martin, we have provided space for an Ethnobotany group of former biology students who identify botanical materials for archeologists on a contract basis. They, of course, interact with our biologists and also provide a bit of added overhead.
3. Services to the Scientific Community.

a. Auk Editorship. The arrival of Professor Wiens has brought the editorial office of the Auk, the journal of the American Ornithologists' Union, to the department. The A.O.U. is the oldest and most prestigious of American ornithological societies.

b. Fifth International Bat Research Conference and Ninth North American Bat Research Symposium. These two meetings were held jointly on the U.N.M. campus in August, 1978. The Biology Department and the National Fish and Wildlife Laboratory acted as co-hosts. A week of technical sessions and field trips brought our students and faculty into contact with biologists from all over the world.

Plans and recommendations for the near future.

1. Undergraduate major in Environmental Biology. As part of an overall curriculum review, we are considering the institution of an undergraduate major in Environmental Biology. At the present, all of our majors are in Biology. Such a major is suitable for students entering health technologies, but the majority of our undergraduates are interested in other areas and find a biology major of little use in the environmental biology job market. Therefore, we are considering plans for a major leading to a marketable degree in this subject area.

2. Membership in the Organization for Tropical Studies. The O.T.S. is an international (but chiefly North American) consortium of universities which maintains an instructional
program in tropical biology, most of which is taught in
Costa Rica. In addition, O.T.S. maintains field stations
in Costa Rica which are available for research use by
students and faculty of member institutions. Admission
to the O.T.S. courses is on a highly competitive basis,
and students from non-member institutions are admitted
only infrequently. We have been fortunate enough to have
several of our students admitted over the past few years,
but participation in this program should be a regular
thing for our graduate students. This is so because
(1) ecologists who have not worked in the Tropics can be
said to be incompletely educated, (2) there is an increasing
demand for knowledge of tropical ecosystems in connection
with the development of tropical countries; (3) the O.T.S.
experience has been the starting point of some of the most
distinguished contemporary ecological careers. It is a
unique and powerful "starter" for many young scientists.
Membership in O.T.S. would enable us to provide this
experience for several of our graduate students each year,
and would also greatly enhance the tropical research oppor-
tunities of our faculty. We hope to seek membership in
the next year or two. Membership is not free: membership
fees plus support we must afford students to attend the
sessions in Costa Rica may run from $7,000 to $10,000 per
year.

3. Field Research Station. A large proportion of the research
carried out by the Biology faculty and students takes place
in the field. Yet despite the fact that New Mexico is an
exciting place for field research, we experience difficulties because we do not have a site where long-term studies can be carried out without interference. We have a strong need for a field station, a large area belonging to the University or to which we have exclusive access where continuing studies can be conducted. We intend to pursue this objective vigorously in the next year or two.

Appointments:

1. **John A. Wiens**, appointed as full professor with tenure effective 14 August 1978. Professor Wiens was selected to fill the position of senior Environmental Biologist created on the initiative of the administration.

2. **Terry L. Yates**, appointed as Assistant Professor effective 14 August 1978. Professor Yates was appointed to fill the vacancy caused by the resignation of Sandra Bruner, and to alleviate the problems in the area of mammalogy caused by Findley's acceptance of the Biology chair.

3. **Sandra H. Ligon** was appointed January 8, 1979, as Lecturer II to replace Lyle Berger who resigned.

Separations:

1. **Lyle R. Berger**, resigned effective the end of semester I, 1978-79, to accept employment as an ecologist with a geothermal research company.

2. **Sandra Bruner** resigned effective the end of the summer session, 1978, to accept employment at Polk Community College, Winter Haven, Florida.
II. Composite of Information Requested on Individual Biographical Supplements.

Summary

Research Grants. During FY 1978-79, 23 of 29 faculty had research grants, the face values of which totalled $1,537,968.

Publication. During the period covered by the Biographical Supplement, the Biology faculty had published 32 papers, totalling more than 249 pages, in refereed outlets, 6 papers, totalling more than 242 pages in non-refereed outlets, and they reported 13 works in press.

Invited papers and seminars. Eight of our faculty presented 17 invited papers during the supplement period. In addition, 53 papers were presented at regional and national meetings, as well as at foreign meetings and symposia.

Detailed Information

1. Advanced Study


2. Sabbaticals and Leaves

Altenbach, J. Scott. Fall 1978, travel to University of Massachusetts for wind tunnel research; to Colorado State University for wind tunnel research.


Duszynski, Donald W. Traveled to Lake Texoma, Okla.; Reno, Nevada; Athens, Georgia; Chicago, Illinois (all to attend regional or national parasitology meetings and to present papers and/or committee reports. Took Invertebrate Biology class to Puerto Peñasco, Mexico, to study marine invertebrates.
Findley, Jim. Taught Tropical Ecology at Finca La Selva, Heredia, Costa Rica, for Organization of Tropical Studies.

Gosz, James Roman. Sabbatical leave to New Zealand, starting Fall '78.

Kerkof, Paul R. One-year sabbatical, beginning with Fall 1978 semester. One-third of time being spent at the Cancer Research and Treatment Center at the University of New Mexico.


Trujillo, John L. NIH Site Visit, Johnson C. Smith University, Chalotte, N.C.

3. New scholastic honors, fellowships, etc.


Gosz, James Roman. Senior Research Fellowship, New Zealand Forestry Research Institute.

Thornhill, Randy. Elected to full membership, American Society of Naturalists.

4. Publications


1978. The Opossum (Didelphis virginiana) as a host for Sarcocystis dubonei from cowbirds (Molothrus ater) and grackles (Cassidix mexicanus, Quiscalus quiscula), J. of Parasitology 64: 326-329. (and E.D. Box).

1978. Experimental transmission of Sarcocystis from icterid birds to sparrows and canaries by sporocysts from the opossum, J. of Parasitology 64: 682-688. (and E.D. Box).


1979. Effects of Road Salting on Stream Invertebrate Communities, Rocky Mountain Forest & Range Experiment Station Research Report, in press.


Rabbits (genus Sylvilagus) of Nicaragua, Mammalia, Vol. 43, in press.


5. Creative work and research in progress

Altenbach, J. Scott. Ongoing research in bat locomotion anatomy. Preparation of final manuscript for publication, Locomotor Morphology of the Vampire Bat.


NSF research equipment grant, $45,000, April 1977-September 1978. (with L. Barton, P. Kerkof, T. Kogoma, and J. Trujillo).


Cates, Rex G. Effect of Foliage Quality on WSB Larval & Adult Growth Characteristics, USDA Forest Service, 1 year, $18,000, funded. The effect of levels of recreational activity on water quality of wildland streams, Forest Svc. Eisenhower Consortium; 1 year, $30,000, pending.


Duszynski, Donald W. Collaborative research with colleagues at Cornell (quail coccidians), the Gulf Coast Res. Lab. (fish coccidians), U. of Texas Med. Sch., Houston (biochemical/physiological aspects of gut coccidians), UTEP (desert rodent coccidians), and the U. of Montana (ultrastructure of rodent and bird coccidians).


Ligon, J. David. NSF grant $31,400. The adaptive significance of communality in the Green Woodhoopoe (2 years.) Sandia Laboratories, $26,000. Bird studies on the Los Medanos WIPP site (one year).

Martin, William C. A flora of native and introduced species of Los Angeles County. Studies in the genus Ribes. Floristic studies of Chihuahuan Desert habitats in southeastern New Mexico. DOE and Sandia Corp. $37,084, Vegetation study of Los Medanos area, New Mexico. (1 year).

Molles, Manuel C., Jr. Longitudinal Recovery of a Stream affected by a Ski Area Development, final report to the US Forest Service (with Gosz). Grant proposal in preparation: NSF, Structuring of Reef vs. Fish Communities: roles of chance, competition and dispersal ability.
US Forest Service, $9,000, Ponderosa pine wildfires and urban forestry, April 1978-0ctober 1979.
Manuscript submitted: Correlation of indicator plants and archeological sites, Chaco Canyon National Monument, revised and resubmitted to American Antiquity.

Riedesel, Marvin L. Pilot Studies of Respiration in Mammalian Hibernator, UNM Research Allocations Comm. Grant, October 1977-June 1978, $1,000.
Respiration during Mammalian Hibernation, proposal submitted to NSF. Declined.
Mammalian Respiration at Lowered Body Temperature: proposal submitted to NIH, $98,540.
Respiration during Lowered Body Temperature, proposal submitted to NSF, $185,452.
Taylor, Fritz. Theoretical work on insect life histories in seasonal environments: 2 papers in press, 2 submitted for publication, 2 about to be sent off, several in progress. Experimental work on the topic; work on getting preliminary data.


Trujillo, John L. HEW-NIH Grant, $135,673, Control of Glycol. & Glucon. PFK-FDPase, 3 yrs. HEW-NIH Grant, $81,653, Stru. & Funct. H450 Cytochrome, 2 years. NEW-MBS Grant, $67,000, Control of Carboh. Met. Liver, 3 yrs.


Yates, Terry L. National Geographic Society Grant, $7,820, for a study of the systematic and evolutionary strategy of the moles of America completed 1 June, 1978.
6. Activities in learned and professional societies


Barton, Larry. Presented two papers each at: Int'l Meeting, Banff Springs, Canada; regional AAAS meeting; regional meeting of Amer. Soc. of Microbiology; national meeting of Amer. Soc. of Microbiology. Served as seminar speaker in one session at national meeting of Amer. Soc. of Microbiology.


Western Spruce Budworm Meetings. papers presented: Effects of water stress on host tree physiology and budworm population dynamics; Effect of foliage quality on resistance-susceptibility of host species to budworm, Portland, OR December 1978.

Member of a national committee entitled Special Committee on Symposia of the Ecological Society of America.


Degenhardt, William G. Parliamentarian and executive council of N.M. Herpetological Society.

Duszynski, Donald W. Experimental transmission of Sarcocystis from icterid birds to sparrows and canaries by sporocysts from the opossum, a paper presented at the 11th Annual Meeting, SW Assn. of Parasitologists (SWAP), Lake Texoma, OK, April 1978.

Reduction in the basal inflammatory state of the intestine during infection with an intracellular parasite, co-author of a poster demonstration presented at the Unified Federation of American Societies for Experimental Biology Annual Meeting, Atlantic City, NJ, April 1978.

Findley, Jim. Participated in annual meeting of American Society of Mammalogists at Athens, GA, as officer (vice president) and board member.


Paper presented at SW Assn. of Naturalists meeting, Albuquerque, April 1978: Morphological characteristics and nitrogen fixation by root nodules of Russian olive (Eleagnus angustifolia)
(co-authors Wakeford-Evans, Duszynski, and Martin)
Papers presented at SW and Rocky Mt. Div. of
American Assn. for the Advancement of Science,
April 1978, Albuquerque: Characteristics of blue-
green algal populations at Cochiti and Abiquiu
Reservoirs, New Mexico. (co-author Barton).
The effects of salts and metals on germination
and emergence of Atriplex canescens (Pursh.)
Nutt. and Sporobolus airoides Torr. (co-author
Edgar); (presented by Edgar).
Characteristics of the algal and bacterial popu-
lation in the Lagunitas Lakes of Northern New
Mexico, (co-authors Barton and Foster).
Studies on the iron stress responses of sunflowers
and tomatoes, co-author Steenrod (presented by
Steenrod).
Vice-chairman (76-78), Chairman (78-79) Botanical
Section, SW and Rocky Mt. Div. of American Assn.
for Advancement of Science.

Kerkof, Paul R. Invited participant Session on Hormone
Action, Gordon Research Conferences, Santa
Acute Effects of TSH and 1-Methyl-3-Isobutyl
Xanthine (MIX) on the Morphology of Subcultured
Thyroid Cells, American Society for Cell Biology
meeting, San Antonio, TX, Nov. 1978.

Kidd, David E. Effects of suspended sediment in regula-
ting nutrient delivery to SW reservoirs, presented at
annual meeting, regional AAAS, (with Gloss and Muyer).
Invited participant, EPA Oil Spill writing
conference, April 1978.

Kogoma, Tokio. Induced Stable DNA Replication as a
Possible SOS Function, at the ICN-UCLA Winter
An Altered Mode of DNA Replication After Thymine
Starvation of Escherichia coli, at the Annual
Meeting of the American Society for Microbiology,
May 1978.
Lethal and Mutagenic Effects of $^{10}$B ($n$,a) $^{7}$Li
Reaction on a Mutant of Escherichia coli, at the
Elected to Alternate Councilor for the American
Society for Microbiology, New Mexico Branch.

Ligon, J. David. Invited symposium paper: Int'l
Invited symposium paper: Symposium on Natural
Selection & Social Behavior, Ann Arbor, Michigan,


Potter, Loren D. Vice President for Research of the Eisenhower Consortium for Western Environmental Forestry Research, charge of research allocations, policy, and meetings. President of Arid Lands Section, Rocky Mt. Div. AAAS.
Environmental factors affecting natural succession on coal mine spoils, a paper presented at Rocky Mt. Div., AAAS, April 1978, with Jens Deichmann.
Uptake of trace elements by vegetation at inactive uranium mill sites, paper presented at Rocky Mt. Div., AAAS, April 1978, with Marple and Kelley.
Revegetation of overburden: Anaconda's open-pit uranium mine, a paper presented at Rocky Mt. Div., AAAS, April 1978, with Kelley and Reynolds.
Chemical-physical characteristics of Mancos shale related to plant growth, a paper presented at Rocky Mt. Division, AAAS, April 1978, with Ellen Louderbough.
Competitive foraging of deer and burro, Bandelier National Monument, a paper presented at Rocky Mt. Div., AAAS, April 1978.

Effects of low temperature on breathing in the box turtle Terrapene ornata, paper presented at Amer. Soc. of Zoologists Dec. 1978, Richmond, VA (with Glass and Hicks).
Some Metabolism Studies of Mammalian Hibernators, lecture presented April 21 at Endocrine Research Seminar, UNM Medical School.
Meetings attended: Int'l Arid Lands Conf.; Int'l Bat Conf.; Int'l Symposium Strategies in Cold;
Nat'l AAAS; SW&RM Div. AAAS; Am. College Sports Medicine; Am. Physiological Society; Am. Society Zoologists; New Mexico Academy of Science. 
Member: Educational Materials Review Board of the Education Committee, Am. Physiological Soc. 
Chairman, Committee on Desert and Arid Zones Research (CODAZR), SW&RMDiv. AAAS, 1975-78.


7. Other Professional Activities

Altenbach, J. Scott. Production of three high-speed color motion picture films for use by BBC in documentary series: (1) Noctilio fish capture; (2) Leptonycteris hover and feeding, and (3) Desmodus flight.

Barton, Larry. Presented seminars at Biology Dept., NM School of Mining & Technology, Socorro, NM; Biology Dept., U. of Calgary, Calgary, Alta., Canada; Dept. of Microbiology, U. of Alberta, Edmonton, Alta.

Bourne, Earl W. Patent Disclosures: UNM-129, Specific Lymphocyte Cytotoxicity to HCG-bearing Tumor Cells Induced by Lymphocyte-Directed Liposomes Containing Beta Chain HCG Immune RNA. UNM-128, Human Chorionic Gonadotropin Directed Liposomes Containing Actinomycin-D.

Cates, Rex G. Member of national committee titled Special Committee on Symposia, of the Ecological Society of America.


Degenhardt, William G. Reviewed: papers for Southwestern Naturalist, Copeia, J. Herpetology. Served on Research Advisory Council, Big Bend Natl. Park; Regional Collaborator, National Park Service, SW Region.


Martin, William C. Research Associate, Los Angeles Co. Museum of Natural History.


Potter, Loren D. Review of two major research proposals for NSF. Review of a journal article for Arctic and Alpine Research. Presentation of two scientific seminars at non-departmental university groups. Consultancies as expert witness on two environmental problems.

Taylor, Fritz. Project coordinator-participant in Minority access to research careers (MARC) program funded by NIH through Dept. of Mathematics.


Toolson, Eric. Invited seminar: University of Cal. L.A.

Trujillo, John L. NIH Site Visit Johnson C. Smith University of Charlotte, N.C. (consultant on site team)

8. Non-teaching University Service

Altenbach, J. Scott. Committee work for appointment of Lecturer II in introductory biology program.

Baca, Oswald G. Member Health Sciences Advisory Committee.
Vice Chairman Selection Committee for the Minorities Biomedical Support Program.
Member Graduate Policy Committee, Biol. Dept.

Bourne, Earl W. Some premedical advisement while on sabbatical.

Caldwell, Douglas E. Biology Seminar Committee.

Cates, Rex G. Member Research Allocations Committee.

Crawford, Clifford S. Department Chairman until May 13, 1978.
Major advisor of 3 graduate students.
Member of a doctoral dissertation committee at NMSU.

Degenhardt, William G. Graduate advisor (4 students); Graduate Committees (3 students).
Curator of Division of Herpetology, Museum of Southwestern Biology.
Dept. Teaching Evaluation Committee.
New Mexico Union Board.

Member A&S Graduate Committee, Spring 1978.

Findley, Jim. Chair of Biology, April 1978 to present.
A&S Graduate Committee.
Curator of Mammals, Museum of Southwestern Biology.

Johnson, Gordon V. Member, UNM Radiation Control Committee.
Member, Biol. Dept. Faculty Teaching Evaluation Committee, Graduate Assistant Teaching Evaluation Committee.
Conducted lab demonstration on nitrogen fixation.

Johnson, William W. Chairman, UNM Admissions and Registration Committee.
Biol. Dept. Transfer Student Advisor.
Liaison Rep. with General Library.

Kerkof, Paul R. Advisor to three graduate students.
Member Arts & Sciences Contract Renewal and Tenure Committee.
Member Biology Dept. Chairman Search Committee.
Member Radiation Protection Subcommittee.
Member Malaria Research Project Relocation Committee, Biol. Dept.
Member of Search Committee for Director of Electron Microscope Facility, Biol. Dept.

Kidd, David E. Member toxicology curriculum committee.
Natural science coordinator.
Member Provost's committee for under-prepared students.
Major advisor to 3 doctoral candidates.
Biol. Dept. freshman advisor Natural Science 125-126 experimental course, coordinator and teacher.
Member A&S Committee for under-prepared students.


Ligon, J. David. Chairman, Graduate Student Selection Committee.

Martin, William C. Member State of New Mexico Committee on threatened and endangered species.
Several off-campus talks to various groups on New Mexico flora and edible and poisonous plants.
Member, Sandia Colloquium Committee.
Curator of the Herbarium and Museum of Botany.
Preforestry Advisor.
Non-paid consultant to poison control center.

Molles, Manuel C., Jr. Curator of New Mexico Fish Collection.

Riedesel, Marvin L. Member, Dean Wollman's Promotion Advisory Committee, 1976-78.
Member Health Sciences Advisory Committee, 1977-78.
Chairman, Health Sciences Advisory Comm., 1978-79.
Member, Humane Care of Lab Animals Committee.
Member, Research Policy Committee; Chmn., 1977-78.
Chairman, Research Policy Subcommittee "Research Foundation"; member Research Policy Subcommittees on "Interdisciplinary Research", on "Overhead & Research Budget", and on "Annual Research Lectureship".
PhD Committee on Studies, in progress: Karen Carlberg, chairman, Jerry Davis, co-chairman, Sharon Felicetti, co-chairman, William Fisher, chairman, Steve Silbaugh, co-chairman, Joseph Steffen, chairman.
MS Committee, Plan I, in progress: Barbara Clark, chairman, Dorothy Harris, chairman, Joseph Michael, chairman, James Hicks, chairman, Jeff Gearhart, member.
Thornhill, Randy. Member, Biology Seminars Committee.
Chairman, Graduate Policy Committee.

Toolson, Eric. Member Biol. Dept. Graduate Student
Admissions and Support Committee.
Member Biol. Dept. Electron Microscopist
Selection Committee.

Trujillo, John L. Member Graduate Student Selection
Committee.

Wiens, John A. Faculty advisor to three doctoral
graduate students.

9. Public Service

Altenbach, J. Scott. Three lectures on reptiles to
Monte Vista Elementary School, 2nd Grade.

Barton, Larry. Leader in Boy Scouts; Manager of
Little League Baseball team; member, Board
of Education at Christ Lutheran Church.

Cates, Rex G. Various callings in LDS Church.
Boy Scout and Cub Scout programs.

Duszynski, Donald W. Coached 3 city-league softball
teams from April-August 1978.

Johnson, Gordon V. Judge, State Science Fair.
4-H Club Project Leader.

Wiens, John A. Delivered address to New Mexico

Yates, Terry L. Consultant to British Broadcasting
Corporation film "Life on Earth."

10. Personal information

THE REPORT OF THE DEPARTMENT OF CHEMISTRY

July 1, 1978 to June 30, 1979

Guido H. Daub, Chairman

I. General Departmental Information

A. Significant Achievements During the Academic Year 1978-79.

During the year 1978-79 eleven (nine males and two females) undergraduate majors received the B. S. Degree and eleven (seven males and four females) students received the B.A. Degree in Chemistry. A total of sixty-two students (forty-three males and nineteen females) received a minor in Chemistry. At the graduate level, there were seven students, (six males and one female) who received the M.S. in Chemistry and ten students (ten males) who received the Ph.D. The following tables list the names of the students who received either a major in Chemistry or a graduate degree in Chemistry. It should be pointed out that of the B. S. majors, six of these will go on to graduate school to study chemistry, one at the University of Wisconsin at Madison, one at Michigan State University, one at Purdue University, one at the University of California at Berkeley, and two at Colorado State University.

Students Receiving a B.S. Degree in Chemistry in 1978-79

JONES, Lynn M.  
MAIER, Kenneth M.  
BACA, Albert  
DILL, Jeffrey A.

COLE, Jack R. Jr.  
SAPUTA, Christopher  
BLANKENSHIP, Dale  
GORMAN, William C. Jr.

KELLY, Michael J.  
BAACK, Bret R.  
CHRISTENSEN, Deborah

Students Receiving a B.A. Degree in Chemistry in 1978-79

MALOY, Renee M.  
LUCERO, Marian E.  
NICKLE, John A.  
VAN CLIFF, Martha A.

DISANTI, Michael A.  
SOUTHAL, Richard L.  
PHILLIPS, Robert W.  
AZUR, Jo Ann L.

ARMENTA, Johnny B.  
IRLAND, Charles W.  
STEPHENSON, Larry L.

Students Completing the Master's Degree in Chemistry in 1978-79

CAPPELLUCCI, David A.  
WILSON, James R.  
FRAATZ, Robert J.

KILEY, James A.  
DAVIDSON, Elizabeth J.

OUTTERSON, David H.  
NUTTALL, Kern L.
### Students Completing the Doctor of Philosophy Degree in Chemistry in 1978-79

<table>
<thead>
<tr>
<th>Name</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARMSTRONG, Russel R.</td>
<td>Chemist with Air Force Office of Scientific Research</td>
</tr>
<tr>
<td>BODINE, Richard S.</td>
<td>Research chemist with Midwest Research Institute, Kansas City,</td>
</tr>
<tr>
<td>JONES, Martin B.</td>
<td>Postdoctoral fellow, Chemistry Department, University of Wisconsin at Milwaukee</td>
</tr>
<tr>
<td>SHEPARD, Donald F.</td>
<td>Research chemist with Ford Motor Company</td>
</tr>
<tr>
<td>McCAMEY, David A.</td>
<td>Research chemist with Proctor and Gamble, Cincinnati, Ohio</td>
</tr>
<tr>
<td>CHEN, Chuan</td>
<td>Status unknown</td>
</tr>
<tr>
<td>LIGHT, Ronald W.</td>
<td>Research chemist with Proctor and Gamble, Cincinnati, Ohio</td>
</tr>
<tr>
<td>TROTT, Wayne M.</td>
<td>Sandia Laboratories, Albuquerque, NM</td>
</tr>
<tr>
<td>HYLARIDES, Mark D.</td>
<td>Postdoctoral fellow, Chemistry Department at the University of Tennessee</td>
</tr>
<tr>
<td>LYLE, Terry A.</td>
<td>Postdoctoral fellow (National Institutes of Health) Department of Chemistry, Stanford University, Palo Alto, California</td>
</tr>
</tbody>
</table>

The Department purchased a high quality automated X-Ray diffractometer with funds supplied by the National Science Foundation ($48,300) and the Administration of the University of New Mexico ($78,300). This instrument has been functioning since January 10, 1979, and already considerable data involving the structure of compounds developed in the Department have been obtained. Professor Charles F. Campana is in charge of the instrument. The Department gratefully acknowledges the role played by the Dean, the Provost, the Vice President for Finance and the Associate Provost for Research in the support supplied by the University for the purchase of this equipment. The University of New Mexico Department of Chemistry now has the best equipped laboratory of this kind in the entire state. During the year 1978-79, a proposal was submitted by the Department to the National Science Foundation for the purchase of a new electron spin resonance spectrometer. As of this writing we have received no word regarding this proposal. Both Professors...
Coleman and Tapscott were instrumental in the final preparation of this proposal, although other faculty also contributed to its content.

The Department again received a URP Grant from the National Science Foundation, this time amounting to $15,223 to be used during the summer of 1979 for supporting the research activities of ten undergraduate students who will perform research with various faculty members. Professor Morrow wrote the final proposal; however, he was assisted by research ideas provided by other members of the faculty. A total of nine individual faculty members are currently participating in this program this summer.

The Varian FT80 NMR spectrometer, which was purchased with funds provided by the University ($85,000), was delivered, installed and turned over to the University on October 4, 1978. Since that time, it has provided innumerable spectra for a large number of students and faculty. The instrument is almost in constant operation and is an invaluable addition to our NMR capability.

The Department's collaboration with the Los Alamos Scientific Laboratory is continuing in that several faculty hold the position of consultant or visiting staff member, short-term with the Laboratory.

During the year 1978-79, the Department received an allotment of $50,000 from the Administration in the form of bond issue money to further update Chemistry's needs for equipment. We have used 80 percent of these funds to purchase liquid nitrogen cryogenic storage vessels, a digital plotter, four goniometer heads for the X-Ray instrument, sixteen gas storage tanks for general use and a mobil computer system with selected computer accessories. Twenty percent of the funds received have been held in abeyance to be used for the purchase of an instructional table model ESR spectrometer, the cost of which will be $40,000. The
additional funds needed for this purchase have been requested from Associate Provost Scaletti; however, no action has been taken by him with respect to this request at the time of this writing. The Department is well aware of the role that the Dean of Arts and Sciences has played in assisting us in obtaining the many funds we have received in past years for equipment update.

Enrollments in Chemistry have shown a slight decline over previous years. I think that this is not too serious at this time. It will allow us to reduce sizes for some of the very large classes we have given in the past. Certainly organic chemistry, quantitative analysis and freshman chemistry classes should be reduced in size. We hope that we will be able to accomplish several class size reductions during the next few years.

The Biochemistry Program sponsored with the Department of Biochemistry in the School of Medicine, still appears to be functioning reasonably well. We have had a certain amount of collaboration between Chemistry and Biochemistry faculties, especially in the area of research. We hope this joint venture continues and that the bond between the two departments becomes stronger in the future.

During the past year, the Department continued to use student help to provide a combined wood and metal shop technician. The need for a machinist and machine shop facility for Chemistry still exists. Two years ago it was suggested that the Dean consider filling a position with a person who could serve Chemistry, Biology and Geology in such a capacity on a full-time basis. Since it has not been possible to accomplish this move, Chemistry had any machine shop work performed by local qualified machine shops. Such work being paid out of the Supplies and Expense account. This worked reasonably well and a total expenditure of approximately $4,000. was the cost of these services. With an in-house machinist,
I am sure that more of this kind of service would have been used if the service was readily available. I do not know to what extent the Departments of Biology and Geology have need for such services. But it would seem that we are approaching the time when it might be more economical for the University to hire such a technician to service the three departments. During the 1978-79 academic year, the Department members agreed that our next goal should be to hire such a technician, even perhaps at the expense of a new faculty member.

As in the past, members of the Department were evaluated by student opinion in both the Fall and Spring Semesters. In these evaluations, the University form was used rather than the Department's form which had been used in the past. With a few exceptions, it appears that the faculty is doing a good job of teaching in both the graduate and undergraduate level.

During the school year 1978-79, the Chemistry Department's Seminar Program was financed by donations from Alumni and other interested parties as well as the Supply and Expense Budget of the Department. Donations to the Seminar Fund totaled approximately $1000. This program was also funded through the auspices of the University of New Mexico Colloquium Committee in the amount of $750. The amount supplied from the Supplies and Expense Budget of the Department for the 1978-79 year was $3167. An estimate of the total cost of this program for 1978-79 was somewhere between $3500 and $4000. The Seminar speakers and titles of their talks for the 1978-79 year are shown in Table I.
### Table I

#### Seminar Speakers for Fall 1978

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Topic</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 1, 1978</td>
<td>Dr. Normand C. Blais</td>
<td>The Molecular Dynamics of Electronic Energy Transfer: Quenching of Na(²p) Atoms by Diatomic Molecules</td>
<td>Los Alamos Scientific Laboratory</td>
</tr>
<tr>
<td>September 8, 1978</td>
<td>Dr. Richard A. Keller</td>
<td>Optogalvanic Spectroscopy: A New Spectroscopic and Analytical Tool</td>
<td>Los Alamos Scientific Laboratory</td>
</tr>
<tr>
<td>September 22, 1978</td>
<td>Dr. Larry R. Faulkner</td>
<td>Photon Collection and Electron Transfer in Molecular Thin Film Systems</td>
<td>University of Illinois Urbana</td>
</tr>
<tr>
<td>September 29, 1978</td>
<td>Dr. Dwight Jennison</td>
<td>Theoretical and Experimental Aspects of the Application of Auger Spectroscopy to Molecular Structure Studies</td>
<td>Sandia Laboratories</td>
</tr>
<tr>
<td>October 6, 1978</td>
<td>Dr. David A. Jaeger</td>
<td>Photosolvolysis and Related Reactions of Arylmethyl and 2-Arylethyl Systems</td>
<td>University of Wyoming</td>
</tr>
<tr>
<td>October 13, 1978</td>
<td>Dr. James L. Dye</td>
<td>Alkalides and Electrides: Salts Containing Either Alkali Metal Anions or Trapped Electrons</td>
<td>Michigan State University</td>
</tr>
<tr>
<td>October 20, 1978</td>
<td>Dr. Arthur T. Hubbard</td>
<td>Studies of Structurally Well-defined Electro-catalyst Surfaces</td>
<td>University of California Santa Barbara</td>
</tr>
<tr>
<td>October 25, 1978</td>
<td>Dr. Jack Katon</td>
<td>Crystal Structure Information From Infrared Spectroscopic Data</td>
<td>Miami University, Oxford Ohio</td>
</tr>
<tr>
<td>November 3, 1978</td>
<td>Dr. Charles W. Jefford</td>
<td>Structural Modifications on Nitrenes</td>
<td>University of Geneva, Switzerland</td>
</tr>
<tr>
<td>November 10, 1978</td>
<td>Dr. Walter Lwowski</td>
<td>Binding of Cations to Organic and Biological Molecules</td>
<td>New Mexico State University</td>
</tr>
<tr>
<td>November 15, 1978</td>
<td>Dr. Pierre Laszlo</td>
<td>Characterization of the Chemical Forms and Transformations of Environmental Lead Cmpds.</td>
<td>Universite de Liege, Belgium</td>
</tr>
<tr>
<td>November 17, 1978</td>
<td>Dr. Rodney K. Skogerboe</td>
<td>Topics in Metal Cluster Chemistry</td>
<td>Colorado State University</td>
</tr>
<tr>
<td>December 4, 1978</td>
<td>Dr. Herbert D. Kaez</td>
<td>Optimization in Chemistry</td>
<td>University of California Los Angeles</td>
</tr>
<tr>
<td>December 8, 1978</td>
<td>Dr. Stanley N. Deming</td>
<td></td>
<td>University of Houston</td>
</tr>
<tr>
<td>Date</td>
<td>Speaker</td>
<td>Topic</td>
<td>Institution</td>
</tr>
<tr>
<td>--------------</td>
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<td>----------------------------------------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>January 8, 1979</td>
<td>Dr. Dennis Chasteen</td>
<td>Probing the Metal and Anion Binding Sites of Human Transferring with VO²⁺</td>
<td>University of NH</td>
</tr>
<tr>
<td>January 15, 1979</td>
<td>Dr. William N. Lipscomb</td>
<td>How do Enzymes Work</td>
<td>Harvard University</td>
</tr>
<tr>
<td>January 19, 1979</td>
<td>Dr. J. A. Ibers</td>
<td>Inorganic Models for Cu-Blue Proteins</td>
<td>Northwestern Univ</td>
</tr>
<tr>
<td>January 26, 1979</td>
<td>Dr. Basil I. Swanson</td>
<td>Crystal Dynamics: Lattice Instabilities and Electron Transfer in Crystalline Salts Containing Octahedral Complex Ions</td>
<td>Univ of Texas</td>
</tr>
<tr>
<td>February 2, 1979</td>
<td>Dr. Donald T. Sawyer</td>
<td>Redox Chemistry of Dioxygen Species</td>
<td>Univ of California, Riverside</td>
</tr>
<tr>
<td>February 9, 1979</td>
<td>Dr. Jean'ne Shreeve</td>
<td>Fluorinated Compounds of S(W) and S(VI) from Reactions of ClF and Per-fluoroalkylhypochlorites</td>
<td>Univ of Idaho</td>
</tr>
<tr>
<td>February 13, 1979</td>
<td>Dr. Ivan Legg</td>
<td>Incorporation of Substitution-Inert Metal Ions into Proteins and Hormones as Biological Probes</td>
<td>Washington State Univ</td>
</tr>
<tr>
<td>February 16, 1979</td>
<td>Dr. Joseph J. Gajewsky</td>
<td>Energy Surfaces of Sigmatropic Shifts</td>
<td>Indiana University</td>
</tr>
<tr>
<td>February 23, 1979</td>
<td>Dr. Arlan Norman</td>
<td>Recent Studies of the Mechanism of Formation and Structure of Novel Diazadiphosphetidine</td>
<td>Univ of Colorado</td>
</tr>
<tr>
<td>March 2, 1979</td>
<td>Dr. Robert Holwerda</td>
<td>Substituent Effects in Blue Copper Protein Redox Reactions</td>
<td>Texas Tech Univ</td>
</tr>
<tr>
<td>March 9, 1979</td>
<td>Dr. Wayne Smith</td>
<td>Electrochemical Synthesis</td>
<td>Texas Tech Univ</td>
</tr>
<tr>
<td>March 23, 1979</td>
<td>Dr. Wm. Von Eggers Doering</td>
<td>Thermal Chemistry in Concertedness</td>
<td>Harvard University</td>
</tr>
<tr>
<td>March 30, 1979</td>
<td>Dr. R. Schmutzler</td>
<td>From Fluorophosphines to Fluorophosphoranes and Beyond</td>
<td>Techn. Univ. Braunschweig</td>
</tr>
<tr>
<td>April 13, 1979</td>
<td>Dr. Tom Keenan</td>
<td>Waste Management</td>
<td>Los Alamos Scientific Lab.</td>
</tr>
<tr>
<td>April 20, 1979</td>
<td>Dr. J. A. Marshall</td>
<td>Synthesis of Some Hindered Cycloalkenes</td>
<td>Northwestern Univ</td>
</tr>
<tr>
<td>April 27, 1979</td>
<td>Dr. D. Ginley</td>
<td>Topics in Photochemistry, Photoelectrodes, and Solar Cell Devices</td>
<td>Sandia Laboratories</td>
</tr>
<tr>
<td>May 4, 1979</td>
<td>Dr. W. Schultz</td>
<td>Nuclear Waste Management Activities at Hanford</td>
<td>Hanford Operations</td>
</tr>
</tbody>
</table>
B. Significant Plans and Recommendations for the Near Future

Plans to renovate the older portion of Clark Hall have been developed and a proposal was sent to the Dean in January, 1977. These recommendations had little impact on the architect's planning in recent years. During the course of the 1978-79 school year, the Department's Building Committee, under the chairmanship of Professor Hollstein, has had several meetings with the architect regarding these recommendations. Some changes have been made in the building goals of the Department, but a good deal of what had been recommended in 1977 still remains intact. Once some kind of agreement has been made with the Architect's Office and the Departmental Building Committee, an updated report of these needs will be forwarded to the Dean by the Building Committee of the Department. It is still true that most of the laboratory furniture in the old section of Clark Hall must be replaced. The cost of these renovations is increasing every year. Please refer to the Annual Report of 1977-78, for some of the recommendations for renovation which were made at that time.

As in the past, I am still recommending that the Department of Chemistry receive additional help by the addition of an electronics technician. Mr. Earle George is now serving each of these three departments on a one-third time basis and this is not enough. We should have an additional full-time electronic technician to make Chemistry's instrumentation servicing even adequate. In Chemistry we have been relying on work study personnel to help fill this need; however, only two such persons that we have hired have really been a help to Mr. George. The others are people who really had not had enough training in this area to be very useful. We must, if at all possible, acquire the services of an additional permanent, full-time electronics technician. This is a post that should be filled as soon as fiscally possible. We have asked for this kind of additional help for several
years now and I think every effort should be made to find this additional technician. Some faculty have asked that the new technician be the type of person who can design and build equipment. This kind of person would complement Mr. George's services since Mr. George does only repair work and is not well suited for design.

As pointed out earlier, the Department has need for a machine shop technician. During the past five years, I have informed the Dean that the University maintains an excellent shop in the Physics Department, having all of the necessary machinery for doing high quality machine shop work. As I mentioned before in this report, funds should be provided to the Departments of Chemistry, Biology, and Geology jointly to hire a highly qualified machinist or shop technician who would be allowed to work in the Physics Machine Shop. I strongly recommend that this position be funded as soon as possible. As reported earlier here, we have been making use of seniors in the Department of Industrial Education for a shop man, but a permanent position of this kind should be funded. As reported earlier, the Department has designated the filling of a machinist technician position as one of our most pressing needs. It was recently voted that the need for such a technician should even be placed above any need for additional faculty for the Department.

We have lost our CETA secretarial position and I am requesting that any replacement which can eventually be funded by the University, be a Clerk IV or V who can do bookkeeping as well as some secretarial type work. The Department appears to be in dire need of someone to keep updated books on research grants for various faculty members. Such a person could also assist in part-time secretarial or typing duties.

In summary, new positions that should be allotted to the Department of Chemistry include (1) an electronics technician, (2) a machinist and (3) a bookkeeper-part time secretary.
We submitted a proposal to the National Science Foundation for funds to assist us in purchasing a new electron spin resonance spectrometer. Although we have not heard at this writing whether or not this proposal was granted, we plan to continue to acquire needed major equipment by relying on such proposals with the necessary support by the University in the form of matching funds. Such items of instrumentation as are sought in these proposals may total $100,000 and up. The University will be asked to match at least one-half of this cost. Indeed the University has in the past years supported us well in this capacity. We hope that such support will continue in future proposals.

In my reports of the last several years I have stated that the City Fire Marshall has been critical of safety conditions in our building. Recommendations which were made were that our refrigerators used to store chemicals should be of the explosion proof type and a suitable fire alarm and emergency lighting system should be installed in the old wing of the building. As of this writing, the emergency lighting system has been installed but none of the other deficiencies have been rectified.

As reported in the past several years, the Chemistry Department also has a need for a large number of teaching assistants. Through the efforts of the Dean of the A&S College, we have managed to obtain the necessary funds for needed personnel in this area; however, we would prefer that all of these funds were tied in with teaching assistantships rather than some of them being for special assistantships. I am asking that the Dean do all he can to convince the Provost that the assistantships in Chemistry to be used for teaching be of the teaching assistantship type. During the past year we used one of our graduate assistantships to support a graduate student who maintained and ran our XL100 NMR instrument. I would like to see two more graduate assistants appointed. These students should be used by the Department to run and maintain other sophisticated instrumentation such as the X-Ray diffractometer, the mass spec and the FT80 NMR. These instruments are currently being maintained by faculty of the Department. Professor Campana is in charge of the X-Ray
diffractometer, Professor Hollstein is in charge of the mass spec and Professor Holder is in charge of the FT80 NMR. All three of these faculty spend an inordinate amount of time keeping these instruments in working condition, training others to run the instruments and running samples for other faculty. Additional G.A.'s who could take part of the pressure from these three faculty would give the faculty more time to pursue other endeavors needed by the Department. Departments at other institutions generally have full-time technicians in charge of such sophisticated instruments. All we are asking is that the University provide funds to support graduate assistants who could take the place of such full-time technicians. I am asking that as soon as possible we be given additional help in the form of graduate assistantships to help us in our research instrumentation program.

Finally, we have a serious need for increasing stipends for graduate students on teaching assistantships and graduate assistantships to allow us to compete favorably with neighboring institutions. The successful recruitment of highly qualified graduate students in reasonable numbers has been a long standing problem in our Department. Factors which contribute to this problem are (1) the relatively small size of our program compared to certain other schools, (2) lack of recognition of our Program outside the immediate region (this is improving), (3) location of the University of New Mexico as compared to the location of available numbers of potential graduate students, (4) outdated research facilities, (5) increasingly aggressive recruitment practices used by similar sized programs, (6) teaching assistantship stipends, and (7) course work load. We feel that we have, over the past few years, improved our situation with regard to Items 2 and 4 in the above list. In spite of these gains, we are experiencing increasing difficulty in attracting good numbers of highly qualified graduate students. These students are a critical part of our program. We have also improved with respect to Item 7 in that we are now allowed to have a student obtain the Ph.D. with a minimum 18 hours of course work by allowing him to complete the 48 hour University requirement with research hours. This is a minimum requirement and some graduate
students may be required to take more than 18 hours of course work. Since
the Ph.D. Degree is primarily a research degree, this would certainly seem
an improvement in the structure of our Program. In spite of these improve-
ments, we still have difficulty in attracting the numbers of students we need.
Further investigation has revealed that Item 6 in the above list has been the
most damaging factor in our recruiting program. The stipends awarded to graduate
students at the University of New Mexico are well below average. A survey which
was recently completed has shown that the University of New Mexico is in an
unfavorable position when compared to other departments. I have provided figures
obtained by us in this survey in Table II of this report. This Table lists begin-
ning T.A. take home salary on a nine-month basis after all tuition and fees have
been paid. You will notice that the University of New Mexico falls well below
the median. We have been lead to understand that New Mexico State University
has recently improved their situation; the 1979 NMSU stipend is $4000, with
a $2500 bonus going to very good entering graduate students. This would place
them in a much more favorable position than the University of New Mexico. We
strongly recommend that the stipends for graduate students in Chemistry be in-
creased to $4200 - $4500 for nine months. I know that this might seem to be a
large increase to request at this time, but the graduate recruitment situation
in Chemistry is extremely more competitive than in other disciplines. It does
not seem wise to insist on the same stipends for T.A.'s across the board at the
University. The law of supply and demand should govern the level of T.A.'s
stipends. I am encouraging you to make every effort to raise T.A. stipends in
Chemistry to a more competitive level. A more detailed report on this analysis
will be provided for you and other administrative officers within the next few
weeks.
### Table II

**Fall 1979**

Beginning TA Take Home Salaries (9 mo)

After All Tuition and Fees Paid

<table>
<thead>
<tr>
<th>State</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Utah</td>
<td>4700</td>
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<tr>
<td>Arizona</td>
<td>4650</td>
</tr>
<tr>
<td>Utah State</td>
<td>4500</td>
</tr>
<tr>
<td>Washington State</td>
<td>4500</td>
</tr>
<tr>
<td>Oklahoma State</td>
<td>4450</td>
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<tr>
<td>Texas Tech</td>
<td>4200</td>
</tr>
<tr>
<td>Texas</td>
<td>4200</td>
</tr>
<tr>
<td>Wyoming</td>
<td>4122</td>
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<tr>
<td>Oklahoma</td>
<td>4085</td>
</tr>
<tr>
<td>Arizona State</td>
<td>3975</td>
</tr>
<tr>
<td>Colorado State</td>
<td>3900</td>
</tr>
<tr>
<td>NMSU</td>
<td>4000</td>
</tr>
<tr>
<td>UNM</td>
<td>3800</td>
</tr>
<tr>
<td>Idaho</td>
<td>3590</td>
</tr>
</tbody>
</table>
C. Howard Reinert joined our staff to replace Russell Hallett. Alfred Anzures was hired to replace Mr. Sandvold.

D. Mr. Winston Sandvold retired in March. Russell Hallett resigned in August of 1978, to go on a Mormon Mission.
Composite of Information Submitted on Individual Biographical Supplement:

1. Advanced Study:

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.:
   (a) FRITZ S. ALLEN: On sabbatical leave, Semester 1, 1978-79 year at MSU working in the area of microprocessor applications to chemistry with Professor C. Enke.
   (b) WILLIAM F. COLEMEN: Departed on sabbatical at Stanford University, 12-17-78.
   (c) RICHARD W. HOLDER: Summer teaching at the University of Medellin, National University of Colombia, Bogota, and the Industrial University of Santander, all in Colombia.
   (d) MILTON KAHN: Travel to Los Alamos Scientific Laboratory as Visiting Staff Member.
   (e) DONALD R. MC LAUGHLIN: On sabbatical leave during the 1978-79 School year.
   (f) ROBERT E. TAPSCOTT: Sabbatical Leave, Fall, 1978, laboratory of Dr. W. Hatfield, Department of Chemistry, University of North Carolina, Chapel Hill, NC.
   (g) EDWARD A. WALTERS: Travel to LASL as Visiting Staff Member; travel to Northern Arizona University.

3. New scholastic honors, fellowships:
   (a) RICHARD W. HOLDER: Fulbright Senior Lectureship, Colombia, May-August, 1978.

4. Publications:
   (a) FRITZ S. ALLEN:
      (2) A response to Problems Involved in the Computation of 10 First Neighbor Interactions in DNA, Biophysical J., 24, 578 (1978).
   (b) CHARLES F. CAMPANA
      (1) "The Crystal Structure of 2-Fluoro-1,3-Dimethyl-1,3,2-Diazaphospholidine Sulfide," Acta Crystallographica, in press.
4. Publications: (Cont'd)

(c) GUIDO H. DAUB


(d) LORRAINE DECK


(e) ULRICH HOLLSTEIN


(f) THOMAS E. JONES


(g) MILTON KAHN


(h) WILLIAM M. LITCHMAN

(1) "Carbon-13 NMR Chemical Shifts in some Substituted 1,2,4-Triazol-3-ones", Org. Mag. Res. Vol 11, No. 3, 137-142, 1978
4. *Publications: (Cont'd)*

(i) **CARY J. MORROW**


(j) **THOMAS M. NIEMCZYK**


(k) **ROBERT T. PAINE, JR**


(2) 5 manuscripts submitted and accepted.

(l) **E. PAUL PAPADOPOULOS**


(m) **SU-MOON PARK**


4. **Publications: (Cont'd)**

(n) **ROBERT E. TAPSCOTT**


(o) **DAVID L. VANDER JAGT**

(1) "Synthesis of Carbon-13 Labelled 6-Substituted Benzo(a)pyrenes" J. Labelled Compounds, 12, 377 (1976).


(3) J. Org. Chem. 43, 4025 (1978) "EC-labelled Benzo(a)pyrene and Derivatives."

(p) **EDWARD A. WALTERS**


5. **Other research projects or creative work:**

(a) **CHARLES F. CAMPANA**

(1) Stereochemical and Bonding Studies of Transition Metal Cluster Complexes, Sandia Corporation RFQ 07-7914; October 1, 1977 to September 30, 1979; $33,000.

(2) Synthesis and Structure of Silicon- and Germanium-Bridged Metal Cluster Complexes, unsupported.

(3) Preparation and Structural Characterization of Metal Nucleotide Complexes, Research Allocations Committee, November 1, 1977 to June 30, 1978, $945.

(4) Nonparameterized Molecular Orbital Calculations on Transition Metal Cluster Complexes, unsupported.

(5) X-Ray Crystallographic Studies of Vanadyl Tartrate Complexes, joint with R.E. Tapscott (UNM).

(6) Development of Computer Graphics Capabilities for Display of Molecular Structures, joint with E. Braeber (Sandia Laboratories).

(7) Structural Studies of Transition Metal Phosphine Complexes, joint with R.T. Paine (UNM).
5. Other research projects or creative works: (Cont'd)

(b) ROY D. CATON, JR


(c) WILLIAM F. COLEMAN

Current Research Projects:

(1) An optical double resonance experiment to elucidate the deactivation processes from high excited vibrational levels of HF and DF. I am performing this experiment at the Kirtland Air Force Base Chemical Lasers Laboratory.

(2) Synthesis and Characterization of Cr(III) -- Amino Acid and Peptide Complexes -- Supported by NIH BSAP Grant, $22,000 for 1978-79 FY. (Ed Zamora, graduate student; John Armenta, Albert Baca and Carolyn Castillo, undergraduates).

(3) Charge Transfer Photochemistry of Cr(III) Complexes -- unfunded (Ron Ruminski, graduate student).

(4) Wavelength Dependent Photochemistry in U(VI) Complexes -- mostly my own with assistance from Loyd Case, undergraduate (partial support by NSF URP grant).

(5) Auger Spectroscopy of N Lone Pairs -- a joint project with Sandia Laboratories (Dave Cappellucci, graduate student (AWU Fellow)).

(6) Flashlamp Pumped Near UV Dye Lasers -- supported through January 1978 by DOE and Sandia Laboratories (Yolanda Jones, graduate student).

(7) Molecular Orbital Calculations on Transition Metal Complexes, (Stan Roberts and Ed Zamora, graduate students).

(8) Laser Induced Fluorescence of Stable, Volatile Cr(III) Complexes -- funding pending from Sandia Corporation (Kirk Shanahan, graduate student).

Completed Research

Two papers have been accepted for publication.

(1) Excitation Spectra of Covalent Cr(III) Complexes.

(2) Energy Transfer from High Excited States of Transition Metal Complexes.

Proposals Submitted

(1) Coordinated and wrote departmental NSF Instrument proposal -- $110,275 for EPR Spectrometer.
5. Other research projects or creative works: (Cont'd)

(c) WILLIAM F. COLEMAN (Cont'd)

(2) Energy Transfer in Chemical Laser Systems, AFOSR, $65,275.

(d) GUIDO H. DAUB

(1) Synthesis and Study of $^{13}$C-Labeled Benzo[a]pyrenes, supported by a grant from the National Cancer Institute of HEW in the amount of $87,000 (including overhead). Grant will end but continuation request will be submitted by 2/1/79.

(e) LORRAINE DECK

(1) Received reprint of article written years ago on phenazines in conjunction with R.N. Castle for Enciclopedia dell Chimica, Estratto dal vol. V.

(2) Currently doing research in carcinogens under Dr. G.H. Daub.

(f) RICHARD W. HOLDER


(g) ULRICH HOLLSTEIN

(1) Synthesis of Actinomycin analogs

(2) Binding of antibiotics to polypeptides (LASL $2,189)

(3) Site specificity of antitumor antibiotics intercalating with DNA by CD.

(h) THOMAS E. JONES

(1) Steric Effects in metal ion complexation reactions: Completed.

(2) Kinetic and thermodynamic studies of macrocyclic tetrathiaether complexation. Supported 1/1-10-1-78 by Sandia Laboratories $9500.

(3) Electron transfer reactions of manganese(III) chelates, RAC $1000.

(4) Spectroscopic properties of palladium(II) macrocyclic tetrathiaether complexes. With W.F. Coleman.

(i) MILTON KAHN

(1) Studies of the chemical behavior of carrier-free germanium-68 have been completed. This work was supported by a Los Alamos Contract. Order Number-NP7-96287-1, June 1977 - May 31, 1978 ($14,967).

(2) The Kinetics of the Exchange of Iodine between Potassium Iodide and O-Iodohippuric in Aqueous Solutions is in progress at Los Alamos (with P.M. Vanek, P.M. Grant, A.E. Ogard, R.E. Whipple and H.A. O'Brien, Jr.).
5. Other research projects or creative works: (Cont'd)

(j) WILLIAM M. LITCHMAN

(1) Proton-transfer in pyrrole. Completed.

(2) Study of Metyrapone, NMR chemical shifts in various solvents, study of the oil formed with \( D_2O \), and a study of complexes formed between metyrapone and \( Ni^2+ \).

(3) Study of the metabolism of glucose to form G6P, F6P, and FDP.

(4) Complexes of glycine with \( Ni^2+ \). Completed. Thesis of Donald Shepard.

(k) MIRIAM MALM

(1) Correspondence course for the Division of Continuing Education, UNM, for Chem. 212 completed.

(2) Text Manuscript titled, "Fundamentals of Organic and Biochemistry" submitted to D. van Nostrand Co., New York City, for formal publication.

(1) CARY J. MORROW

(1) Continued research on Gas Chromatographic Resolution of Enantiomers, NIH, $24,721 +IDC, 3rd year of three year grant.

(2) Continued research toward synthesis of drugs to inhibit biosynthesis of cholesterol. One patent applied for. (Supported by grant to Dr. T. Scallen from NIH). Initiated Synthesis of Close Analogs of HMG-CoA.

(3) Continued research on Synthesis of Organophosphorus Compounds having a Potential Physiological Activity, NIH (MBS Program) $5800, second year of three-year renewal.

(4) Continued efforts to synthesize phosphorus-containing analogs of molecules related to the morphine alkaloids.

(m) THOMAS M. NIEMCZYK


5. Other research projects or creative works: (Cont'd)

(n) ROBERT T. PAINE, JR

(1) Chemistry of the WIPP, Sandia Laboratories, $59,000. 10-77/9-79.

(2) Photospectroscopy of Actinide Compounds, Research Corp., $6,000, 9-77 - open.

(3) Chemistry of U(BH₄)₄, LASL, $10,000. 12-77/10-78.

(o) E. PAUL PAPADOPOULOS


(p) SU-MOON PARK


(4) "Electrochemical Studies on Aromatic Carcinogens," RAC, $1,000, Oct 1, 1977-June 30, 1978; Completed.

(q) ROBERT E. TAPSCOTT


(3) Contributor to departmental proposal for x-ray crystallographic system funded by NSF, $96,000. (Cost shared).

(4) Contributor to departmental proposal for the undergraduate research participation program funded by NSF, Summer, 1978, $14,570.

(5) Major contributor to departmental proposal for an electron spin resonance spectrometer, submitted to NSF, $110,000.

(r) DAVID L. VANDER JAGT

(1) 5R01 CA 17298-03. $16,630. 5-1-76 - extend to 10-31-78.

(2) GM 25295-04 "Cellular Functions of Glutathione". 9-11-78 - 8-31-79. $46,174.
5. Other research projects or creative works: (Cont'd)

(r) DAVID L. VANDER JAGT (Cont'd)

(3) NIH CA 16871-3 "13\textsubscript{C}-enriched carcinogens", 6-30-78 to 6-30-79. $87,372.27

(4) HEW Grant RR 08139-05. 8-20-78 - 8-19-79. $5,300. UNM Biomedical Sciences Advancement Program.

(s) EDWARD A. WALTERS

(1) Photoionization mass spectrometry of cluster molecules in molecular beams, sponsored by AWU and LASL.

(2) Studies on the chemical structure of kerogen in oil shale, unsponsored.

(3) Rapid proton transfer studies on mixed aqueous-DMSO solutions, unsponsored.

(4) A study of the impact of underground coal gasification on groundwater in the San Juan Coal basin of New Mexico; sponsors:
   a. Energy and Minerals Department, State of New Mexico, $56,000, 7-1-78 / 6-30-79.
   b. EPA, $25,000, 10-1-78 - 9-30-79.
   c. Water Resources Research Institute, $34,056, 10-1-78 - 9-30-79.

(5) Short Course on In Situ Energy Recovery Technology, sponsored by DOE, $15,000.

6. Activities in learned and professional societies:

(a) FRITZ S. ALLEN


(b) CHARLES F. CAMPANA

(1) Treasurer, Central New Mexico Section, American Chemical Society.

(2) Member American Crystallographic Association.

(3) Papers presented:
   c. "Stereochemical and Bonding Trends in Tricyclic $\text{M}_2(\text{CO})_6(\mu_2-X_2)$-Type Metal Carbonyl Complexes and their Triphenylphosphine Derivatives," Winter meeting of American Crystallographic Assn, Norman, Okla, March 1978.
6. Activities in learned and professional societies: (Cont'd)

(b) CHARLES F. CAMPANA (Cont'd)


(4) Conferences attended:

c) ROY D. CATON, JR

(1) Member of American Chemical Society, Electrochemical Society, and Sigma Xi.

d) WILLIAM F. COLEMAN

A. Papers Presented


(4) "Relaxation of Highly Excited States of Cr(III) Complexes," a paper presented at the 4th Rocky Mountain ACS Regional Meeting, Boulder, Colo, June 6-10, 1978


B. Seminars at other Chemistry Departments:

(1) "What Goes up Must Come Down" the Relaxation of Excited States in Cr(III) Complexes -- Northern Arizona University, Nov. 9, 1978.

(2) "Charge Transfer Processes in Transition Metal and Actinide Chemistry," Fort Lewis College, Nov. 10, 1978.

6. Activities in learned and professional societies: (Cont'd)

(d) WILLIAM F. COLEMAN (Cont'd)

C. Meetings Attended.

Only those in Part A.

D. Offices Held

(1) Member of program committee, Division of Chemical Education, American Chemical Society.

(e) GUIDO H. DAUB

(1) Program Chairman of Organic Section Meeting for the American Chemical Society Rocky Mountain Regional Meeting, Boulder, Colo, June 5-7, 1978.

Papers Read: 175th National Meeting of ACS, Anaheim, Calif, 3-12-78:


(2) Terry A. Lyle and Guido H. Daub, Synthesis of Some Tetrahydrochrysene Derivatives and Their Evaluation as Potential UV Laser Dyes.

Third International Conference on Stable Isotopes, 5-23-78:

(1) Guido H. Daub, Vernon N. Kerr, D. Lloyd Williams, and Thomas W. Whaley, Organic Synthesis with Stable Isotopes.

American Chemical Society Rocky Mountain Regional Meeting, 6-5-78:


(3) Terry A. Lyle and Guido H. Daub, Synthesis of some trans-1,2-Diarylethlenes as Potential UV Laser Dyes.

(f) RICHARD W. HOLDER

(1) Attended the 175th National Meeting of the American Chemical Society in Anaheim, Calif, Mar. 13-17, 1978; to read the paper "Preparation of a Series of 5,5-Dialkylcyclopentadienes".

(2) Councilor, Central New Mexico Section, American Chemical Society.

(3) Chairman, Awards Committee, CNM Section, ACS.

(4) President, Alpha of New Mexico Phi Beta Kappa.
6. Activities in learned and professional societies: (Cont'd)

(g) ULRICH HOLLSTEIN

(1) National ACS meeting, Anaheim, Calif, March 1978, presented papers: 1) Site Specificity of steffimycin B intercalating with DNA; 2) The $^1$3-C-NMR spectra of 5-substituted quinoxalines.

(2) Rocky Mountain Regional ACS Meeting, Boulder, Colo, June 1978, presented papers: 1) Synthetic studies on an actinomycin analog 2) Interaction of actinomycin together with adriamycin with poly d(AT):d(AT)


(h) THOMAS E. JONES

Professional meetings attended:

(1) Society of Western Analytical Professors, Jan 13-14, 1978, Albuquerque, NM.

(2) 4th Rocky Mountain Regional Meeting of the ACS, Jun 5-7, 1978, Boulder, Colo.


Papers read:

(1) "Analytical Applications of Macrocyclic Polylethiaethers" presented at the 1978 SWAP meeting, Jan 13-14, 1978.


6. Activities in learned and professional societies: (Cont'd)

(i) MELTON KAHN

(1) Member of Sigma Xi, Phi Kappa Phi, American Chemical Society,
    AAAS (fellow), New Mexico Academy of Science.

(2) A Distillation-Based Ge-68/Ga-68 Position Generator (with S.
    Mirzadeh, P.M. Grant, and H.A. O'Brien, Jr.) Presented before the
    Second International Congress of the World Federation of Nuclear
    Medicine and Biology.

(j) MIRIAM MALM

(1) Member of the International Society of Heterocyclic Chemistry.

(2) Member of the American Chemical Society.

(k) CARY J. MORROW

(1) "An Improved Method for the Conversion of Cyclic Anhydrides to
    Lactones," Presented at 3rd Rocky Mountain Regional Meeting of the
    ACS, Boulder, Co, June 7, 1978. Co-authors: W.K. Wilson and
    T.J. Scallen.

(l) THOMAS M. NIEMCZYK

The following talks were presented at meetings:

(1) "Plasma Characteristics of the Hollow Cathode Discharge,"
    with D.M. Mehs, The Pittsburg Conference on Analytical Chemistry

(2) "Fundamental Aspects of a Sputtering Atomization Cell," with
    D.A. McCamey, The Pittsburg Conference on Analytical Chemistry

(3) "Chemistry in a Glow Discharge Plasma," with D.A. McCamey,
    20th Annual Conference on Analytical Chemistry, Aug 7-9, 1978,
    Denver, Colo.

(4) "Hollow Cathode Emission Analysis," with D. M. Mehs, 20th Annual

(5) "Interferences in Graphite Furnace Atomic Absorption Spectroscopy,"
    with J.P. Erspamer, Pacific Conference of Chemistry and Spectroscopy,

(m) ROBERT T. PAINE, JR

(1) Presented 3 papers at ACS meetings in Anaheim, Boulder, and
    Corpus Christi. Co-authored 2 other papers.

(n) SU-NOON PARK

(1) "Chronopotentiometric Determination of Catalytic Rate Constants",
    175th ACS National Meeting, Mar 12-17, 1978, Anaheim, Calif.
    Co-author: D.A. Tryk.

(2) "Mechanisms of Electrochemiluminescence", an invited talk at the
    4th Annual Mile High Symposium on Electrochemistry, May 6, 1978,
    Fort Collins, Colo.
6. Activities in learned and professional societies: (Cont'd)

(n) SU-MOON PARK (Cont'd)

(3) "Thermodynamic Stabilities of Semiconductor Electrodes,"
The 153rd Electrochemical Society Meeting, May 21-26, 1978,
Seattle, Wash.

(4) "Electrochemiluminescence of Polycyclic Aromatic Hydrocarbons,"
The 153rd Electrochemical Society Meeting, May 12-26, 1978,
Seattle, Wash.

(5) "An Exciplex Intermediate in Some (2+2) Cycloaddition Reactions Studied by Electrochemiluminescence,"

(e) ROBERT E. TAPSCOTT

(1) Co-director "Chemical Career Insights" (a program of chemical career information) sponsored by the Younger Chemists Committee of the ACS, the Central New Mexico ACS, and the UNM Department of Chemistry, Feb 9, 1978, New Mexico Union Theatre.

(2) Member of executive committee, chairman of nominating committee, past chairman of Central New Mexico Section of the ACS.

(3) Member of Local Arrangements Committee for the 54th Annual Meeting of the Southwestern and Rocky Mountain Division of the AAAS and the spring meeting of the New Mexico Academy of Science, Apr 26-29, 1978, Albuquerque, NM.

(4) Session chairman for the Tuesday Morning (June 6) inorganic section of the 4th Biennial Rocky Mountain Regional Meeting of the American Chemical Society, June 5-7, 1978, University of Colorado, Boulder, Colo.

(5) Local arrangements for the Central New Mexico Section ACS meeting for May 27, 1978, Albuquerque, NM, with U.S. Senator Harrison Schmitt as speaker.

(6) Chairman of symposium on "NMR Studies on the Stereochemistry of Coordination Compounds," 34th Southwest Regional Meeting of the American Chemical Society, Nov 29-Dec 1, 1978, Corpus Christi, Texas.

Reviewed:

(1) NSF Proposal

(2) Three papers for Inorganic Chemistry.

Invited Seminars

(1) "The Bioinorganic Chemistry of Calcium," Department of Anatomy and Pharmacology, UNM Medical School, Apr 25, 1978


.6. Activities in learned and professional societies: (Cont'd)

(o) ROBERT E. TAPSCOTT (Cont'd)

Papers Read or Co-Authored

(1) "Isomerism in Cobalt(III) Complexes of 2-Methyl-1,3-propanediamine, a Prochiral Ligand," a paper presented at the 175th National Meeting of the American Chemical Society, Anaheim, Calif, Mar 12-17, 1978.

Co-authors: R.B. Ortega, C.F. Campana, and B. Morosin.


(6) "$^{13}$C Magnetic Resonance Studies on Complexes Containing Multiple Chiral and Prochiral Sites," a paper presented at the 34th Southwest Regional Meeting of the ACS, Corpus Christi, Tex, Nov 29, 30- Dec 1, 1978. Co-authors: C. Hilleary, D.J. Mather, D. Marcovich.

(7) "$^{13}$C NMR of Some Dihydroxydicarboxylate- and Dimercaptodicarboxylate-Bridged Arsenic(III) and Antimony(III) Complexes," a paper presented at the 4th Biennial Rocky Mountain Regional Meeting of the ACS, Boulder, Colo, Jun 5-7, 1978.

(p) DAVID L. VANDER JAGT

(1) ASBC Meeting, Atlanta, Ga, Jun 1978.

(2) Invited speaker North Texas State University, March 1978.

(3) Invited seminar speaker, University of South Florida, Jun 1978.

(q) EDWARD A. WALTERS


Activities in learned and professional societies: (Cont'd)

(q) EDWARD A. WALTERS (Cont'd)


(5) "Coal as an Energy Source in the Southwest," an invited talk at the 54th Annual Meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, Albuquerque, NM, Apr 26, 1978.


Meetings Attended


(3) 54th Annual Meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, Albuquerque, NM, Apr 26-28, 1978.


(5) 4th Biennial Rocky Mountain Regional Meeting of the American Chemical Society, Boulder, CO, Jun 5-6, 1978.


(7) Local section meetings of the American Chemical Society.

(8) Program review meeting of Energy and Minerals Department energy research projects, Socorro, NM, Oct 12, 1978.

Offices Held

American Chemical Society, Councilor of the Central New Mexico Section. As councilor I serve on National Committee on Professional Relations and two of its subcommittees, the Subcommittee on Professional Standards and the Subcommittee on Local Section Liaison (Chairman).
7. Other professional activities:

(a) FRITZ S. ALLEN

(1) Presented two papers at Third Biennial Electrooptics Symposium, Uxbridge, England.

(2) Gave an invited seminar at Max Planck Institute for Biochemistry in Munich, Germany.

(3) Presented a paper at 22nd Annual Biophysical Society Meeting in Washington, D.C.

(b) CHARLES F. CAMPANA

(1) Consultant - Sandia Laboratories.

(c) ROY D. CATON, JR

(1) Consultant - Sandia Laboratories.

(d) WILLIAM F. COLEMAN

(1) Consultant to Chemical Lasers Branch, Kirtland Air Force Base and Surface Physics Lab, Sandia Laboratories.

(e) GUIDO H. DAUB

(1) Staff Member Short Term - Los Alamos Scientific Laboratory

(2) Proposal Reviewer National Science Foundation.


(4) TV appearance as consultant for Channel 7's "On Your Behalf".

(f) ULRICH HOLLSTEIN


(2) Submitted proposals to NIH/MBS, NSF, PRF, NIH/NCI.

(g) THOMAS E. JONES

(1) Assisted in organization of 1978 Society of Western Analytical Professor's meeting.

(2) Presented a seminar at the University of Southern Mississippi titled "Metal Ion Complexes of Macrocyclic Thiaether Chelating Agents", Spr 18, 1978.


(h) MILTON KAHN

(1) Visiting Staff Member, Los Alamos Scientific Laboratory.
7. Other professional activities: (Cont'd)

(i) CARY J. MORROW


(3) Author of Departmental NSF-URP Proposal.

(4) Regional Science Fair Judge.

(j) ROBERT T. Paine, Jr.

(1) Consultant LASL and Sandia Laboratories.

(k) SU-MOON PARK


(1) EDWARD A. WALTERS

(1) Visiting Staff Member, Los Alamos Scientific Laboratory.

Other talks


(4) Served as chairman of the Physical Chemistry section for the June 5, 1978 session at the 4th Biennial Rocky Mountain Regional Meeting of the ACS.

(5) Review two papers for the Journal of the American Chemical Society, one for In Situ, and a book for the American Chemical Society.

8. Non-teaching University service:

(a) FRITZ S. ALLEN

(1) Chaired Health Sciences Advisory Committee of A&S.

(2) Member of Computer Use Committee.
8. Non-teaching University service: (Cont'd)

(b) CHARLES F. CAMPANA

(1) Faculty Advisor
   a) ACS Student Affiliate Chapter, 1977-78, 1978-79.
   b) Pre-health Science Students, 1978-79

(2) University Committee
   a) Computer Use Committee, 1978-79

(3) Departmental Committees
   a) Computer Use Committee (Chairman), 1978-79
   c) Undergraduate Recruitment and Freshman Committee, 1978-79
   d) Graduate Recruitment and Selection Committee, 1978-79
   e) Sabbatical Committee, 1978-79
   f) Building and Space Committee, 1978-79

(4) Set-up departmental X-ray crystallography laboratory.

(c) ROY D. CATON, JR

(1) Member of Student Standards Committee.

(2) Faculty Advisor (Chemistry)

(3) Chairman, Chemistry Safety Committee

(d) WILLIAM F. COLEMAN

A. Departmental

(1) Member Departmental Graduate Studies Committee (Chairman thru end of June)

(2) Chairman, New Faculty Search Committee

(3) Member Provost visit committee

(4) Careers Night Participant

(5) Library Committee (Fall 1978)

(6) New Equipment Committee (Fall 1978)

B. University

(1) Member Faculty Senate

(2) Chairman, Senate Undergraduate Academic Affairs Committee (thru 6-78)
8. Non-teaching University service: (Cont'd)

(d) WILLIAM F. COLEMAN (Cont'd)

(3) Member Provost's Liaison Committee
(4) Member Senate Executive Committee
(5) Member Senate Operations Committee (since 6-78)
(6) Chair ROTC Faculty Interview Committee
(7) Member Search Committee -- Associate Provost for Academic Affairs
(8) Participant Faculty Follies
(9) Member A&S Graduate Committee (thru 6-78 -- Chairman of Priorities Subcommittee)
(10) Participant UNM Ambassadors Program -- presented talk at Los Alamos, gave campus tour at Parent Day.
(11) Member ad hoc committee to redesign University Committee Structure.

(e) GUIDO H. DAUB

(1) Chairman, Department of Chemistry

(f) LORRAINE DECK

(1) Co-chaired department annual picnic and Christmas party.

(g) RICHARD W. HOLDER

(1) University Curricula Committee
(2) Chemistry Department Committees: Undergraduate Curriculum, Graduate Recruiting and Selection, Planning, and ad hoc Committee for Undergraduate Advisement (Chairman).

(h) ULRICH HOLLSTEIN

(1) Departmental: Sabbatical Committee (Chm) 78/79; Space Committee (Chm) 78/79; Graduate Recruitment Committee (member 77/78; Ad Hoc Committee for evaluation of student evaluations (Chm); Equipment Committee (member).

(2) University: Research Allocations Committee, 77/78; Research Policy Committee, 78/79; Research Administration Subcommittee, 78/79; Health Sciences Committee, 78/79.

(i) THOMAS E. JONES

(1) UNM Ad Hoc Committee on Curricular Problems of handicapped.

(2) Department Committees: Recruitment and Freshman (Chmn); Grad. Cur. & Studies Comm; Undergraduate Career Advisement Comm; Computer Use Comm; Teaching Evaluation Comm; Salaries Comm; Faculty Advisor to Graduate Student Assn.
8. Non-teaching University service: (Cont'd)

(j) MILTON KAHN
(1) Member of several Departmental committees.
(2) Chairman of Saed Mirzadeh Thesis Committee, Mirzadeh awarded Ph.D., April 1978

(k) WILLIAM M. LITCHMAN
(1) Departmental committees.

(l) MIRIAM MALM
(1) Chairman of the Public Relations and Social Functions
(2) Member of the Tenure Sub-committee, Department of Chemistry.

(m) CARY J. MORROW
(1) A&S Graduate Committee, Fall 1978
(2) Science and Sandia Colloquia Committees.
(3) Chairman, Graduate Studies Committee

(n) THOMAS M. NIEMCZYK
(1) Chairman, Biomedical Sciences Advancement Program Recruitment Committee.

(o) ROBERT T. PAINE, JR
(1) Assistant Chairman, Chemistry Department
(2) Member Research Policy Committee

(p) E. PAUL PAPADOPOULOS
(1) Chairman of one department sub-committee and member of two department committees.

(q) SU-MOON PARK
(1) Chairman, Undergraduate Curriculum & Honor Committee.
(2) Member, Graduate Student Selection and Recruitment Committee, Safety Committee and Space Committee of the Chemistry Department.

(r) ROBERT E. TAPSCOTT
(1) Member of 10 Committees on Studies - chairman of 5 (departmental)
(3) Biomedical Sciences Advancement Program Advisory Committee (Univ.)
(4) NSF Minority Centers for Graduate Education Program Advisory Committee (Univ.)
8. Non-teaching University service: (Cont'd)

(r) ROBERT E. TAPSCOTT (Cont'd)

(5) Chairman, Graduate Selection Committee (Dept.)

(6) Co-author of Chemistry Department Equipment Acquisition Report submitted to Dean W.A. Gross.

(7) Committee Memberships:

1977/78 Promotion and Tenure, Graduate Instruction and Research, Library, New Equipment Planning, Computer Use.

1978/79 Promotion and Tenure.

(s) EDWARD A. WALTERS

(1) Faculty advisor to 6 graduate students; one thesis (Ph.D) completed by Wayne M. Trott, Sep 1978; served on thesis committee of 2 other graduate students; Graduate Student Selection and Recruitment Committee (Chmn), Dept. planning committee; New Faculty Search Committee.

9. Public Service:

(a) ROY D. CATON, JR

(1) Member of University Heights Association and University Heights Sector Development Plan Committee.

(b) WILLIAM F. COLEMAN

(1) Advisor to APS Careers Center, Science Fair Advisor.

(c) WILLIAM M. LITCHMAN

(1) Church-related activities, volunteer library activities, volunteer educational activities, and volunteer public programs (stage)

(d) ROBERT T. PAINE, JR

(1) Sunday School teacher.

(e) EDWARD A. WALTERS

(1) Member, St. Lukes Lutheran Church

10. Personal information:

(a) ULRICH HOLLSTEN

(1) Joined departmental reducing plan and shed 30 lbs and 4" off waist since October 1978.

(b) EDWARD A. WALTERS

(1) Adopted a child: Kim Mee Sun, arrived in U.S. March 5, 1978 from Seoul, Korea, age: 2 yrs.
REPORT OF THE DEPARTMENT OF COMMUNICATIVE DISORDERS
July 1, 1978 - June 30, 1979
Lloyd E. Lamb, Chairman

I. Program Achievements

A. The Department Curriculum Committee, co-chaired by Drs. Hood and Weiss, has undertaken and completed a review of the basic science and the speech-language pathology curricula and several changes have been requested. The committee also continued discussion of our comprehensive examination policy and format and made several changes in our present examinations. Two graduate students participated in curriculum meetings and served as liaison with the student organization. Curriculum changes that have been requested for the 1979-80 school year are as follows:

1. Course changes
   a. Change in number of course from 438L to 526L.
   b. Change in number of course from 538 to 432.
   c. Change in number of course from 452 to 537.
   d. Change in title of Course No. 426 from Manual Communication to Beginning Sign Language.
   e. Change in title of Course No. 429 from Intermediate Manual Communication to Intermediate Sign Language.

2. Requests for new courses
   a. 431L: Development of Speech and Language Laboratory.
   b. 432: Advanced Sign Language.
   c. 437L: Stuttering Laboratory.
   d. 525: Seminar in Voice Disorders.

B. We have continued our efforts to upgrade all aspects of the Department through several approaches to program evaluation.
Included were the following:

1. The entire faculty and student representatives participated in weekly faculty and curriculum meetings.

2. Meetings were held with graduate students to solicit input regarding program needs and possible means of improvement.

3. The student review committee consisting of Drs. Hood, Weiss and Lamb screened all applicants for the graduate program. Drs. Hood and Weiss, with assistance from others when needed, reviewed academic and clinical programs and progress of almost all of the graduate students. Attempts were made to identify and correct any weaknesses and to insure that students meet certification requirements of the American Speech and Hearing Association as well as graduate school requirements.

C. Our Field Study program, through which graduate students are placed for clinical training during their final semester, has continued to grow. Among local field study sites are the V.A. Hospital, the Albuquerque Public Schools, the Rehabilitation Center, Inc. and the New Mexico School for the Deaf. We have also arranged to place students at rehabilitation facilities in Texas and California, the Mailman Child Study Center in Miami, Florida, and the John F. Kennedy Center in Denver, Colorado. Mary Bolton, M.A., Instructor, visited Denver in March, 1979 to evaluate the John F. Kennedy Center and other facilities as practicum sites and to arrange for our participation in a video
teaching program.

D. This year we continued to strengthen our affiliations with the Albuquerque Public Schools. Among other contacts this year were the following:

1. APS Oral Language Speech and Hearing (OLSH) Coordinators were consulted for input on APS needs and ways we might modify our program so that our graduates will better meet their needs.

2. Communicative Disorders students were assigned to a number of public school settings for practicum experience. Students gained experience in speech and language testing and therapy and in hearing screening.

3. Several faculty members, including Dolores Butt, Richard Hood, Mary Bolton, Curtis Weiss, Sumner Blanchard and Carol Westby consulted with APS personnel in various situations and assisted in in-service training.

4. Phyllis Wilcox, M.A., Instructor, developed a practicum program through which students in sign language gain experience as interpreters for the deaf by working with hearing impaired school children.

5. Dolores Butt, Ph.D., working with Mary Utrep, APS OLSH Coordinator, taught a special course for parents serving as teacher aides in the public schools. This course, which was offered in the 1978 Fall Semester, was taught as Communicative Disorders 220: Workshop in Communicative Disorders.
E. We have continued cooperative activities with Programs for Children this year, working primarily with Dr. Carol Westby, the Programs for Children Developmental Disabilities Team language specialist. Joint activities this year included the following:

1. Communicative Disorders graduate students gained practicum experience with developmentally disabled children under supervision of Dr. Westby.

2. Dr. Westby taught Communicative Disorders 536: Seminar in Speech-Language Pathology last summer. The topic of the course was Language and Cognitive Development. This summer she is to teach a seminar on Language and Learning Disabilities.

3. We have developed a special diagnostic playroom in our North Campus Communicative Disorders Unit to be used in evaluating cognitive development in young children. Dr. Westby will help coordinate clinical-research activities in this facility and has helped to equip it using approximately $2,000 provided by Programs for Children.

F. The early identification project mentioned in last year's report has expanded into a major departmental program. During the past year we have followed a large number of high risk babies from the BCMC Neonatal Intensive Care Unit. Faculty and students conducted a longitudinal hearing test program and we have monitored the babies for other signs that indicate the possibility of speech
and/or language disorders or other problems. Linda Weir, Supervisor in Audiology, has worked closely with several neonatologists from the Department of Pediatrics to develop and implement the program. A paper based on this program was presented at the 1978 Convention of the American Speech and Hearing Association by Lloyd Lamb and Linda Weir. We also have expanded the early language intervention program for hearing impaired or developmentally disabled children. Jan Loeppky, Supervisor in Audiology, is primarily responsible for the hearing program, which this year provided services for over twenty children. Dr. Carol Westby is coordinating activities with the developmentally disabled children. A primary focus of the intervention program is parent training. The north campus Communicative Disorders Unit has space specially designed for parent training and is the focal point of the program. The intervention program currently is receiving its major support from our BEH Training Grant which pays Mrs. Loeppky's salary and next year will also provide for video equipment, travel consultants and supplies.

Long range plans for the early identification - early intervention programs include development of outreach components, such as satellite centers or mobile unit activities, to provide services to other areas of the state. To this end we have obtained written endorsements and promises of support from several groups outside Albuquerque, including the San Juan Regional Medical Center in Farmington, the Northern New Mexico Rehabilitation in Las Vegas and the State School for the Deaf in Santa Fe. Next year we will re-submit an application for a federal grant to help develop
the program

G. Research activities for 1978-79 are summarized below:

1. Dr. Linda Riensche obtained a $1,500 grant from the Research Allocations Committee to purchase equipment for research in the area of time altered speech. Dr. Riensche is supervising two theses in this area.

2. A research team consisting of Drs. Riensche and Weiss and Dr. Charles Kelsey, Professor of Radiology, have undertaken a project using computerized tomography to study the oral mechanism in normal and abnormal subjects. This research, which is being partially supported by a $1,500 grant from the Research Allocations Committee, is being done with special X-ray equipment at the Lovelace Clinic.

3. One of our graduate students, Ruth Dismuke, has obtained a grant from the American Quarter Horse Association to support a master's thesis project studying riding as a treatment tool with speech and/or language impaired children. This project is being supervised by Mary Bolton, M.A., and Linda Riensche, Ph.D.

4. Linda Weir, M.A., Instructor, worked with Indian Health Service personnel on an investigation of cardiac audiometry in testing the hearing of babies. A paper on this project was presented at a conference sponsored by the HEAR Foundation in Los Angeles, California, and will be published as part of that conference.
5. Several faculty members including Hood, Lamb, Riensche, Weiss and Weir presented papers at scientific meetings. These are listed in the biographical supplement section. A number of other manuscripts have been published or accepted for publication as books or journal articles.

H. Application was made in October, 1978, to the American Boards of Examiners in Speech Pathology and Audiology (ABESPA) for re-accreditation of our master's degree program in speech-language pathology. The application also covers our audiology program although our current audiology accreditation extends through 1981. We are applying for both programs at this time to get them into synchrony. We anticipate a site visit from ABESPA during the 1979 Fall Semester.

I. Our graduate enrollment in speech-language pathology and audiology in 1978-79 totaled 38. Nineteen students received master's degrees.

J. This year we increased our efforts to recruit minority students for Communicative Disorders. In April, Drs. Riensche and Blanchard attended the Second Annual Health Careers Day at the Laguna Indian Pueblo to talk with prospective students. In May, Drs. Riensche and Lamb spoke to prospective students at the Careers Day sponsored by Afro-American Studies at UNM. We are also revising our brochure which will be mailed to prospective students and to other universities and will be distributed at professional meetings.
II. Non-University Support

The training grant from the U.S. Office of Education, Bureau of Education for the Handicapped, was funded at $47,000 for 1978-79. Next year's grant has been approved at $85,000, an increase of $38,000 (81 percent) over this year. Next year the grant will include complete support for Judy Williams and Jan Loeppky, clinical supervisors, as well as support for a secretary and partial support for Lloyd Lamb, Professor and Chairman. It also provides stipends for eight graduate students, as well as funds for travel and other project costs. Part of the grant has been earmarked as support for the early language intervention program. The new grant became effective June 1, 1979.

The New Mexico Elks Cerebral Palsy Commission provides a grant each year to support a graduate student and to cover other expenses of our cerebral palsy service program. This year's grant totaled approximately $4,000. We also had small service contracts with the Los Lunas Hospital and Training Center ($2,800) and Programs for Children ($1,400). The contracts covered primarily hearing test services provided at BCMC.

Partial or total support was provided under various contracts or grants for the following Communicative Disorders personnel:

A. Curtis Weiss, Associate Professor, Speech Pathology ($1,200)
B. Judy Williams, M.A., Clinical Supervisor, Speech Pathology (100 percent)
C. Jan Loeppky, M.A., Clinical Supervisor, Audiology (100 percent)

III. Appointments to Staff

1. Sumner Blanchard, Ph.D. was appointed Assistant Professor,
Speech Pathology in January, 1979. Dr. Blanchard coordinates clinical services and clinical training in speech-language pathology and teaches courses in voice disorders and in stuttering.

2. Phyllis Wilcox, M.A., was moved from part time instructor to Lecturer III (full time) to become effective July 1, 1978. Mrs. Wilcox has continued to teach our courses in manual communication and also worked on several other projects including our early language intervention program and a practicum program for interpreters for the deaf in conjunction with the Albuquerque Schools.

3. Jan Loeppky, M.S. was increased to full time as of July 1, 1978. Mrs. Loeppky is Clinical Supervisor in Audiology (Aural Rehabilitation) and has concentrated on development of our early language intervention program for hearing impaired children. Mrs. Loeppky is being paid from our Bureau of Education for the Handicapped Training Grant.

4. Curtis Weiss, Ph.D., joined the faculty on June 1, 1978, as Associate Professor, Speech Pathology. This year Dr. Weiss served as coordinator of the academic and clinical programs in speech and language.

5. Linda Riensche, Ph.D. joined the faculty in August, 1978, as Assistant Professor, Speech Science. Dr. Riensche is primarily responsible for the basic science aspect of the program.

6. Patti Elledge-Damico, M.A., joined the faculty in December, 1978, as part-time supervisor in speech-language pathology.
IV. Plans for 1979-80

During the coming year we will continue working to improve all existing programs in the department. In addition, we plan to introduce new programs or give new emphasis to certain activities. Among our plans for 1979-80 are the following:

A. We will continue working toward an on-going continuing education program for practicing professionals by offering more courses in the late afternoon or evenings and by teaching a special course under Communicative Disorders 420: Workshop in Communicative Disorders.

B. We will work toward on-going research programs in basic science and clinical areas.

C. We plan to re-apply for a federal grant to support our early identification - early language intervention program. In the mean time, we will continue development of this program using existing resources and focusing on populations at BCMC, Programs for Children and the Los Lunas State Hospital and Training Center.

D. We will continue seeking input from outside sources, such as Albuquerque Public Schools personnel, to determine areas of weakness in our students and/or ways in which we might better prepare our students for various employment situations.
V. Composite of Information Requested on Individual Biographical Supplements

A. Mary L. Bolton

6. (a) Membership Chairperson - Albuquerque Speech and Audiology Professionals.
   
   (b) Attended Fall Convention - New Mexico Speech, Language and Hearing Association.
   
   (c) Attended American Speech, Language and Hearing Association Convention Fall 1978.
   
   (d) Member - Public Information Committee - New Mexico Speech, Language and Hearing Association.

7. (a) Member - Task Force - New Mexico State Regulations on Learning Disabilities.
   
   (b) Coordinator - Speech Screening - Las Vegas, New Mexico Public Schools.

8. (a) Academic Advisor
   
   (b) Faculty Advisor for University of New Mexico Chapter of National Student Speech and Hearing Association.

B. Dolores S. Butt

1. Post doctoral psychology workshop - 40 hours.

5. Continuing project from 1977-78. Language and development disabilities of Pueblo Indian Children.

6. (a) Director, Elks Cerebral Palsy Clinic.
   
   (b) Cross-cultural Early Childhood Education Committee.
   
   (c) Arts and Sciences Promotion Committee.

C. Richard B. Hood


   (b) Served on Committee on Aural Rehabilitation at American Speech and Hearing Association Convention, November, 1978.
8. (a) Senate Ad Hoc Committee on Curricular Problems of the Handicapped.

(b) Arts and Sciences Graduate Committee.

(c) Faculty advisor.

D. Lloyd E. Lamb

5. (a) Began research project on Computerized Tomography with Drs. Linda Riensche, Curtis Weiss and Charles Kelsey.

(b) On going research on Early Identification and Early Intervention with Hearing and/or Language Impaired High Risk Babies with Linda Weir.


7. (a) Training Grant Application submitted to USOE, BEH.

(b) Early Identification - Early Language Intervention Grant Application submitted to USOE.

(c) Invited lecture titled "Tymponometry and Audiology" presented to the 3rd Annual School Nurses Symposium, October, 1978.

(d) Appointed member New Mexico Special Education Regulations Committee, September, 1978.

8. (a) Invited speaker for "Lunch-Time Learning" for UNM Staff, May 1978.

9. (a) Coordination of Grants and Seminars, Albuquerque Civic Light Opera.

(b) Project director, New Mexico Arts Commission Grant to Albuquerque Civic Light Opera.

E. Linda L. Riensche


4. (a) "Intelligibility of Time-Altered Sentential Messages as a Function of Contralateral Masking." Current issues in the Phonetic Sciences. Co-authors: Van Ort, D. and Beasley, D.


8. (a) Consultant, Program Committee for selection of scientific and technical papers, Mid-South Conference on Communicative Disorders, 1977-78. (Memphis)

   (b) Curriculum Committee, Department of Communicative Disorders, 1978.

   (c) Research Committee, Department of Communicative Disorders, 1978.

F. Curtis E. Weiss


5. (a) The use of computerized tomography in assessing velopharyngeal physiology.


   (b) Chairman of American Cleft Palate Foundation Essay Contest.

7. (a) Consultation for speech-language pathologists in Public Schools.

8. (a) Coordinator of speech-language pathology.

   (b) Member of Student Intake Committee.

   (c) Faculty advisor.

9. (a) Screening church pre-school children.
I. General Departmental Information.

The Department of Economics has experienced a significant increase in the number of undergraduate majors. A total of 106 undergraduate majors was reported at the beginning of the spring semester. In response to this increase the Department has attempted to expand its undergraduate offerings. This has included additional sections of required upper division courses (200 303 and 315). The introductory courses continue to be taught by senior faculty who have demonstrated an ability to teach large classes: in addition, laboratory sections of 25 - 30 each are taught by teaching assistants who work under the direct supervision of the lecturer. This seems to be the best method of meeting the demand for introductory economics courses.

The graduate program continues to flourish although enrollment remains in the 35 - 40 range, about 33% below the 1975 level of graduate enrollment. This decline in graduate enrollment is a reflection of limited university student financial support and a decline in the student financial support available from sponsored
research.

Employed adults in the Albuquerque area and as far away as Las Alamos, New Mexico continue to express interest in our Evening Masters Program. It has been impossible to get an accurate count, but there appears to be perhaps 6 students currently enrolled in the evening program. With additional publicity and a more careful scheduling of graduate courses this number can be increased significantly during 1979-80 academic year.

There will be a number of changes in the Economics Department faculty next year. Professor Dana Dumont has resigned effective June 31, 1979 and Professor Libecap has resigned effective that same date to accept a position at Texas A&M University. Dr. Roger Norton, presently employed by the World Bank, will join this department effective August 1, 1979. A second new faculty member joining this department in August is Dr. Javier Salas, a recent graduate of Duke University. Professor Salas' primary research and teaching interests are econometrics and macro economics. He also has a strong background in Latin American Economics. It is believed that he will contribute significantly to our strength in Latin American Economics.
Members of the Department continue to be active in research, publications and related professional activity. More than 40 articles and reports have been published during 1978: these include articles in fields of natural resources, public-finance, economics of the environment, institutional economics, law and economics, industrial organization and economic theory. Two books and a number of book reviews have also been published by members of the department. The amount of sponsored research remained at a high level with a total of 16 projects providing financial support for research during the 1978-1979 academic year. Finally, department members continue to be involved in local affairs through appearance on TV and presentations and discussions at local meetings.
I. GENERAL INFORMATION

A. As usual most of what the department accomplished during the year is recorded in Part II of this report, where the work of individual faculty is listed. We should particularly applaud there the honors awarded to Morris Eaves and Hamlin Hill by the Modern Language Association and the American Humor Association respectively, since they are one-of-a-kind honors and represent truly national distinction. (The fact that one prize is named after William Riley Parker and the other after Charlie Chaplin, by the way, tells us nothing about their comparative worth.) We should also note in Part II that more faculty have been supported by outside grants this year than we ordinarily can boast: Rudy Anaya (Post-doctoral Fellowship from the National Chicano Council of Higher Education), Hamlin Hill (NEH Seminar for College Teachers), David Johnson and Marta Weigle (Exxon Educational Foundation Grant for "Mythology of the Americas"), and Leslie Silko (NEH Grant for the Laguna Film Project). Finally, we must report that in the spring Bill Dowling was nominated a fellow of the National Humanities Center for 1979-80, while Peter White, who had been nominated in February as Fulbright Exchange Lecturer to Poland, found no post in that country available and in effect has postponed actual appointment until next year. So special honors for departmental faculty will be continuing.

Together we did some important work too. Early in the fall we used the procedure for selection of a new chair to discuss extensively the
present condition and future direction of the department. The immediate happy consequence was the nomination of Hamlin Hill to be chair for the next five years (nomination promptly endorsed by Dean). At the time, however, we appointed an ad hoc committee to identify and define the full range of professional activities that we do individually and support for others—so that the criteria that we use for renewal, tenure, promotion, and salary increase will be clear and appropriate to everyone. That committee (Jane Kopp, Bob Fleming, Gene Frumkin, David Jones, and Peter White) researched, discussed, and wrote heroically through most of the spring semester. We received its recommendations (a most impressive document indeed) late in April and talked our way through perhaps half the document in department meetings before the semester closed. We will continue discussion in the fall with a final policy statement sure to be adopted before long.

Standing committee reports that follow just below provide further information about our work together during the year. Please read forth; and if you have been a patient reader of these reports over some or all of the past ten years, move ahead now with the thanks of Joe Zavadil.

1. FRESHMAN ENGLISH PROGRAM

Director: Michael Hogan
Assistant Director: Peter Page
Freshman English Committee: Michael Hogan, Chair, Peter Page, Roy Pickett, Wendy Jones, Bradley Hayden

Enrollments in Freshman English courses during the 1978-79 year were within a handful of the totals for the 77-78 year. Thus, in addition to the 45 Teaching Assistants working in the program, three
Lecturers (Barba, Swigger, Taichert), twelve part-time temporary Lecturers, and twelve members of the regular staff taught FE courses.

The basic procedures of the program underwent no major changes: the system of training, visiting, and evaluating TAs, the use of common texts, exchange grading, and common final examination topics, and the panel-grading of the 101 final examination appear to be functioning smoothly. Grade distribution in FE courses continued the downward trend of the past few years. Indeed, the average grade earned in both English 100 and English 101 fell a fraction below 2.0 during the spring term—a historic moment? During the past year, the relation between the CST and FE courses received exhaustive study, the principal finding of which was that a strong correlation exists between students’ passing English 102 with a C or better and passing the CST shortly thereafter.

Hogan and Page—with the assistance of several TAs and with the support of the Greater UNM Fund—studied the extent to which English 100 helps students to overcome specific writing problems. A new workbook for English 100, with materials and exercises aimed particularly at UNM students, is being produced for use next year based on the results of the study. The Basic Skills Program that will commence next year should also be beneficial for English 100 students. Students enrolled in the two new courses (Natural Science 100 and Social Science 100) will do a great deal of writing; this should provide reinforcement of the work in English 100 not present in the past.

Because twenty of the TAs hired last year were new to UNM, English 537, the training course taught by Page, had two sections. In recognition of the substantial amount of work required in the course, 537 will in the future carry three (increased from two) hours of credit.
2. CREATIVE WRITING PROGRAM

Director: David Johnson (fall), Gene Frumkin (spring)

Creative Writing Committee: Writing Faculty, Gayle Krueger, Robert Spiegel

Of major importance to the creative writing program in 1978-79 was inception of a new Master's Degree for graduate students mainly interested in creative writing. This degree provides for an equal division in course work between writing and literature, and a special comprehensive examination which is, in part, geared to the writing interest. Five students have been accepted into the new program out of an unusually large number of applicants.

Requirements for the Bachelor's Degree in creative writing were altered to include one additional course and one less writing workshop.

Creative Writing honors for 1978-79 went to nine students. Romolo Arellano won the Academy of American Poets prize, with honorable mention going to Floyce Alexander, Gail Carbee, Michael Golston, Jaima Jackson, Chris Leche, and Jose Morales. Edith L. Flaherty was the recipient of the Lena M. Todd Memorial Award for fiction and Robert Spiegel received the Todd Award for poetry.

The Fourth Annual New Mexico Writers Workshop was held in June with a conference and three seminars, as usual, comprising the three-week session. Seminar instructors were: Rudy Anaya (fiction), Jeanne Whitehouse, and Byrd Baylor (writing for children), and Keith Wilson (poetry). Conference speakers included Wilson, John Nichols, Lois Arquette, Robert Peterson, Simon Ortiz, Dwight Myers, Beth Hadas, Byrd Baylor, Joseph G. Hutchinson, David Apodaca, Orlando Romero, and David Johnson. Jack Williamson was featured speaker at the annual Banquet on Saturday night,
June 9,

Through a quirk in funding the department, through its creative writing center, was able to bring to the campus William Meredith, Poetry Consultant to the Library of Congress, who spent two days here, offering a reading of his poetry and a lecture on consecutive evenings. He also visited writing classes and spoke at an informal workshop in HB 324.

Rudy Anaya will be the new Director of Creative Writing in 1979-80.

3. GRADUATE PROGRAM

Director: Hugh Witemeyer

Graduate Committee: Jeffrey Buckels, Robert Fleming, Richard Fly, Mary Power

The first business of the Graduate Committee in the fall was to define the terms "reading knowledge" and "advanced proficiency" in the department's new graduate foreign language requirements. After much consultation and debate, the Committee defined "reading knowledge" as a score of 550 or higher on the GSFLT or the GRE Advanced Test in French, Spanish, German, or Russian, or successful completion of a designated UNM examination in Greek, Latin, or Italian. "Advanced proficiency" may be shown by a score of 700 or higher on the same tests, by successful completion of a designated UNM literature course, by an undergraduate major or minor, or by a graduate degree in the language. M.A. students must demonstrate a reading knowledge of one foreign language; Ph.D. students must demonstrate a reading knowledge of two or advanced proficiency in one.

As a result of an experiment approved for last summer's M.A. examination, the Committee approved the inclusion on each of the six
parts of the M.A. examination of short-answer or factual questions designed
to complement the essay questions. The student is asked to answer twelve
of fifteen identification questions in each of the four periods on which
he or she chooses to write. Sixty minutes were added to the total time
of the examination to accommodate these extra questions. This format was
used with satisfactory results on the January exam, and will be retained
in the future.

Perhaps the most important change in the graduate program ap-
proved by the Department this year was the redefinition of the M. A. thesis
option in creative writing. Students accepted into this program will do
half their coursework in writing courses and half in literature courses,
and will be offered a choice of an alternative M.A. examination. In all
other respects, writing students will be subject to the same requirements
as other M.A. students. Thus far, eight students have applied for this
option, and five have been accepted.

In other actions, the Graduate Committee dropped the linguistics
requirement for the M.A. degree, which has not been enforced for some years.
The Committee published a list of acceptable Ph.D. examination fields, and
approved a new format for Ph.D. oral examinations, which has been used with
apparent success on all four of the exams taken since last December (Morris,
Machen, Van Buskirk, Hayden). The Committee also approved a mechanism by
which Ph.D. students who have received four years' worth of financial
assistance at the Ph.D. level may petition for a fifth year of support.

At this year's commencement, seven M.A. degrees in English were
awarded (R. H. Lawrence, M. A. Hays, C. C. Lightfoot, J. Morales, J. J.
Moya, M. J. Shearer, B. G. Stampfl) and three Ph.D. degrees (M. G. Moran,
R. G. Morgan, L. A. Morris). A survey in the fall semester showed that
43 of the 56 people (or 76.7%) who received Ph.D.'s in English in the period 1973-78 were teaching full-time or part-time in college or working in college administration. However, none of the Ph.D.'s looking for work in 1979 has so far found a position. Ten new Ph.D. applicants have been offered admission for next year, of whom at least four already have guaranteed future employment.

4. THE DEPARTMENT SPONSORED THE FOLLOWING LECTURES DURING THE YEAR:

a. November 16, John Doebler, Professor of English at Arizona State University, presented a paper (with slides) titled "Sir John Luttrell: An Analogue in Renaissance Portraiture to Ferdinand's Role in The Tempest." This was the annual exchange lecture with Arizona State.

b. January 23, David Bevington, Professor of English at the University of Chicago, read a paper on "The Role of Cursing in Richard III."

c. March 2, Professor George Landow, of Brown University, gave the Carl Grabo Memorial Lecture on "The Secular Sage: The Romantic Tradition in Prose from Carlyle to Norman Mailer."

d. March 26, William Meredith, Consultant in Poetry to the Library of Congress and a distinguished poet, met with students in classrooms and lectured in an informal workshop on "Thoughts on Job-Specifications for a Modern Poet."

e. April 6, Nigel Nicolson, of Sissinghurst Castle, Kent, authority on Virginia Woolf and the London Bloomsbury circle, as well as a fine biographer and editor, lectured on "Virginia Woolf and Bloomsbury."

f. April 9, Werner Habicht, Professor at the University of Wurzburg, President of the West German Shakespeare Association, gave a lecture on "Hamlet's 'Prophetic Soul'."

5. THE DEPARTMENT ALSO CONTRIBUTED TO SPONSORSHIP OF THE FOLLOWING
EVENTS:

a. November 10, H. Paul Grice, Professor of Philosophy, University of California-Berkeley, lectured on "Reasoning."

February 2, William Labov, Professor of Linguistics, University of Pennsylvania, lectured on "The Social Origins of Sound Change" and "Literary forms as the Major Source of Interference in College Composition."

April 26 and 27, Zelda Boyd, Department of English, California State University-Hayward, and Julian Boyd, Department of English, University of California-Berkeley, held two symposia with students and faculty on "Actions and Happenings in Literature" and "'Big Two-Hearted River': Acts and Processes."

November 29-December 2, the department co-sponsored with Theatre Arts, a visit to campus by Harold Clurman, a major author and working drama critic of extra-ordinary reputation. Mr. Clurman gave a workshop on Wedekind's Spring Awakening, lectures on Ibsen and on directing, and a seminar on "The Critic and the Theatre Today."

6. The D. H. Lawrence Fellow for 1979 is novelist Joseph McElroy. Author of A Smuggler's Bible, Hind's Kidnap, and Lookout Cartridge. Mr. McElroy also received a 1977 award in literature from the American Academy of Arts and Letters. He will be writing this summer in residence at the Lawrence Ranch northwest of Taos.

7. In January when Frank Allen was named the university's first Rhodes Scholar in more than twenty years, the department had good reason to be especially pleased. Mr. Allen completed the B. A. last year with a major in English. He fully merits his honor—and our enthusiastic congratulations.

8. Enrollment is our courses during 1978-79 continued to follow mysterious paths. Totals for the Freshman Program changed virtually not at
all, with the figure for this year down only five from that of last year. Graduate enrollment was up, and sophomore-to-senior figures were down. We were surprised in the spring, however, to see an increase in enrollment in literature courses, where we have been concerned about losses over the past two or three years. In fact, we were pleased to see a total of less than 1% in combined enrollment for the spring. So although we recorded a drop of 4.8% in the fall, the spring figure modified that percentage to a 3% loss for the year; and we are encouraged for the immediate future.

C. 1. Barry Gaines of the University of Tennessee will be Visiting Professor for 1979-80. Officially Professor Gaines replaced Morris Eaves, who will be Visiting Associate Professor at Tulane. Actually however, we need him to replace Richard Fly, who spent 1978-79 here as visitor considering permanence. When Professor Fly decided to return to Buffalo, we lost that senior-level position; but we still need a senior Shakespearean, and we will be seeking the return of the regular position as soon as possible. We are pleased and fortunate to have Professor Gaines with us for the year. He is an outstanding teacher and scholar.

2. Among regular departmental faculty, Hugh Witemeyer was promoted to the rank of Professor for next year. Cheryl Fresch, Mike Hogan, and Peter Page have been renewed for second three-year term (and probationary) appointments. Peter Page has also been promoted to the rank of assistant Professor.

D. As indicated above, Richard Fly finished his visiting appointment in May and returned to his tenured position at SUNY Buffalo. We were disappointed, but grateful for the fine teaching he gave us during the year.
PART II

ANNUAL REPORT - 1978/79

1. ADVANCED STUDY

Cheryl Fresch
Two months research, summer 1978, at the Huntington Library, San Marino, CA.

Mary Bess Whidden
Two and a half months research, summer 1978, at the Huntington Library, San Marino, CA.

2. SABBATICALS ETC.

Rudolfo Anaya

Patrick Gallacher
Sabbatical leave, academic year 1978-79

Hamlin Hill

David McPherson
Sabbatical leave, academic year 1978-79
Research at Cambridge, England, Sem. I & II.

Leslie Silko
Leave Without Pay, academic year 1978-79
National Endowment for the Humanities grant for Laguna Pueblo Film Project.

Patricia Smith
Sabbatical leave, spring 1979

Marcia Tillotson
Sabbatical leave, fall 1978

Fred Warner
Sabbatical leave, fall 1978
Traveled to England, France, and Italy.
3. NEW SCHOLASTIC HONORS, ETC.

Rudolfo Anaya
-Fellowship from National Council of Higher Education for 1978-79 for Creative Writing
-The New Mexico Governor's Public Service Award for 1978

Morris Eaves
-William Riley Parker prize, 1977-78, (awarded by the Modern Language Association for the best article of the year to be published in PMLA, the journal of the association).

Hamlin Hill
-Director, National Endowment for the Humanities Seminar for College Teachers, 1978-79.
-Appointment as Director NEH Summer Seminar for 1980.

David Johnson
-Awarded grant: Exxon Educational Foundation, Project: "Mythology of the Americas," $22,000 with Mary Martha Weigle.

Marcia Tillotson
-Elected to the Delegate Assembly of MLA for a term of three years, beginning January 1, 1979.

James L. Thorson
-Elected Vice President and President-elect of the South Central Society of Eighteenth Century Studies.

Mary Martha Weigle
-New Mexico Folklore Society, Roll of Honor, May 1978
-Exxon Educational Foundation; $22,000 grant, "Mythology of the Americas" with David Johnson.

Peter White
-Las Campanas teaching award, fall 1978 (Junior Honor Society, UNM)
-Nominated by the Council of International Exchange of Scholars for Senior Lectureship to Poland for 1979-80.

Hugh Witemeyer

4. PUBLICATIONS

Rudolfo Anaya

James F. Barbour
-"The Light of the World': Hemingway's Comedy of Errors," Notes on Contemporary Literature, 7 (December, 1977), 5-8.
4. Continued

James F. Barbour

Ernest W. Baughman

William Dowling
-"Invisible Audience," *Critical Inquiry*, spring '79, vol. 5, no. 3

Morris Eaves
-Comprehensive index to Damon's *Blake Dictionary* (now scheduled for publication by Shambhala Press/Random House, spring '79)
-Scheduled to serve as the guest-editor for a planned journal-festschrift in honor of David W. Erdman, to be published as a special issue of *Studies in Romanticism* (Boston Univ.)

Michael Fischer
-(essay-review)--"Matthew Arnold and Subsequent Challenges to Humanism" *Southern Humanities Review*--forthcoming article.

Robert Fleming
-Willard Motley, Boston, Twayne Publishers, 1978

Cheryl Fresch
-"The Hebraic influence upon the Creation of Eve in *Paradise Lost*," Accepted by *Milton Studies*, 1979.
Gene Frumkin
- **ARTICLES**
  - "The Spiraling Notebook of John Logan," *Ironwood*, vol. 6, no. 1, pp. 75-86.
  - Interview in "Writers in New Mexico Series, #1, *Southwest Heritage*, vol. 8, no. 2, pp. 30-33 (with photograph).
- **ANTHOLOGY** (poetry)
- **POEMS**
  - "Truth," *Conception/Southwest*, vol. 1, no. 1, p. 78.
  - "Loops," *Choice*, no. 10, pp. 70, 71.
  - "Correlating a Woman," *The Paris Review*, vol. 19, no. 72, pp. 52, 53.
  - "Transformations," *Blue Buildings*, #1, p. 16.
  - "Round Footprints," *The Margarine Maypole Orangoutang Express*, #34, unnumbered.

Michael J. Hogan

Leon Howard
- **Newspaper Pieces, 1953-58** (privately Printed: Albuquerque, 1978)

David M. Johnson
- Mr. and Mrs. Ms. and Miss: "Labels Make a Difference," *New Mexico Humanities Council*, spring 1978; published statewide in newspapers.
- Poem: "Sabbatical Year," *Conceptions—Southwest*, spring 1978
- Co-editor: *San Marcos Review* (literary magazine)

Jane Kopp

Antonio Marquez

Ivan Melada
- Essay entitled "John Ruskin's Ambivalence Toward War" accepted by *ÉTUDES ANGLAISES* in April. Publication date not set.
Ivan Malada

Peter C. Page

Mary Power

Harvena Richter
- Edited, with forward, *The Rawhide Knot and other stories* by Conrad Richter (Knopf)
- Essays: "Not the Room but the View" (April 24th) and "The Circular Cat" Aug. 9th) in Home Forum section of *Christian Science Monitor*.

Patricia Smith
- "Shooting," poem, Rocky Mountain Newsreal, summer 1978
- "Coyote Ortiz; Canis latrans latrans in the Poetry of Simon Ortiz," essay to be published by *Modern Language Association Minorities Caucus*.

Ellen Spolsky

James L. Thorson
- Two notices of papers in *Restoration: Studies in English Literary Culture, 1660-1700*, vol. 2, no. 1.
- Note on teaching Science Fiction in *Alpha Century Communicator*, Oct. '78, pp. 6-7.

Marcia Tillotson

Mary Martha Weigle
4. Continued

Mary Martha Weigle
-(Ed.) Folklore Women's Communication, no. 14, winter 1978
-(Ed.) Folklore Women's Communication, no. 15, spring 1978
-(Ed.) Folklore Women's Communication, no. 16, fall 1978
-with Lorin W. Brown and Charles L. Briggs) Hispano FolkLife of New Mexico:
The Lorin W. Brown Federal Writers' Project Manuscripts. Albuquerque, University of New Mexico Press, 1978

Peter White
-"An analysis of Edward Taylor's Preparatory Meditation 2.1" Concerning Poetry accepted spring 1978.

Hugh Wittemeyer

5. OTHER RESEARCH PROJECTS OR CREATIVE WORK IN PROGRESS, ETC.

Rudolfo A. Anaya
-TORTUGA, a novel completed during the period. Three short stories completed and accepted for publication. Other work in progress includes editing a special "Cuentos Chicanos" issue for NEW AMERICA. A book project for the Museum of New Mexico Press.

James Barbour
-Research on articles on Ball Four, The Suicide of Willard Hershberger, The Natural, The Professor's House, et al.
-Revised and enlarged version of "Checklist of Criticism on Early Afro-American Writers" to be published in Minority Voices.

Ernest W. Baughman
-Continuing study of church and court records of Salem, Mass.
-Cataloguing of student collections of folktales and folk beliefs.
-"A Folklore-Deprived Community," ten pages, is to appear in a festschrift for Herbert N. Halpert, Memorial University of Newfoundland.

Paul B. Davis
-"Versions of Structure in Great Expectations," submitted.
-TV program on alternative in energy use for the New Mexico Humanities Council.
5. Continued

William C. Dowling
- The Logic of Literary Interpretation—book (critical theory), expect to complete final ms. spring semester.
- World and Anti-World in Boswell's Life of Johnson—book (deconstructionist study of narrative and thematic structure of Life of Johnson), three of five chapters written.
- Articles in progress on Bessie Smith, game and identity in sports autobiography.

Morris Eaves
- completed intro. section (100+pp.) of book on Blake's artistic principles and re-drafted central section (100+pp.)
- Continued gathering materials for a book on Blake's Marriage of Heaven and Hell, which exists in first draft.

Michael Fischer
- Continued work on book (tentatively titled Art Against Society: The Defense of Poetry in Modern Criticism) and article ("The Dream of Cultural Revolution: Herbert Marcuse's Aesthetics")

Robert E. Fleming
- Sinclair Lewis: A Reference Guide is about 80% complete.
- Reviews pending in JEGP, Studies in the Novel, Phylon.

Cheryl Fresch
- Two months of research on Milton's Psalms completed at The Huntington Library.

Gene Frumkin
- Work continues on a novel
- A book of poems, Designations, and a chapbook, Loops, were completed and sent off in the mails.

Hamlin Hill

Michael Hogan
- Greater UNM Fund grant to study efficiency of present English 100 curriculum. (with Peter Page).

Jane Kopp
- Read intensively in contemporary poetry, took notes, have outlined articles, some on paper, some in mind, which I expect may go together in a book.
5. Continued

Antonio Marquez
- Work in Progress: (1) Co-editor of *Cuentos Chicanos: An Anthology of Contemporary Chicano Fiction* (special issue of *New America* to be published spring 1979).
- (2) Monograph: "The American Dream in Chicano literature" (3) monograph: "Technology in Contemporary American Fiction"

Ivan Melada

Peter C. Page
- Greater UNM Fund grant to study errors in English 100 curriculum (with Michael Hogan).

Roy Pickett
- Reading in literary structuralism and stylistics

Mary Power
- Work on book - *Popular Culture and James Joyce's Ulysses*

David Remley

Harvena Richter
- In progress, three articles on Virginia Woolf.
- In progress, book of poetry
- In progress, *Conrad Richter on Writing* (Princeton Univ. Press)

Ronald Swigger
- Completed article, "Queneau and Kierkegaard: Parallels and Allusions in La Chiendent." Submitted to leading journal in June.
- In progress: article on Queneau and Hegel.
- In progress, article on using technical reference in engineering reports.

James L. Thorson
- Awarded a Research Allocations Committee grant of $1200 to acquire early editions of the novel (1771) for the rare book room of the Library. Project will be finished in 1980.

Marcia Tillotson
- Note on Oscar Wilde completed.
- Work on Byron Apocrypha continuing: attempt to use internal evidence to establish authenticity.
- Study in relation of grammar to composition.

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5. Continued

Fred B. Warner
- Editing the writing of the American author, A. J. Liebling (1904–1963)

Mary Martha Weigle
- "Literary New Mexico: A Chronicle, 1925-45" - (with Kyle Fiore) for UNM Press.
- "Because the Magic Dreaming" — a novel.

Mary Bess Whidden
- the usual and a new project on Spenser

Peter White
- "William and Benjamin Tompson," Seventeenth-Century News to be published winter 79.

Joseph B. Zavadil
- Progress on essay concerning Chaucer's Life of St. Cecilia

6. ACTIVITIES IN LEARNED AND PROFESSIONAL SOCIETIES, ETC.

Rudolfo Anaya
- Vice Chairman of CCLM Board.
- Member MLA
- Participant in MLA panel on "The New Mexican Chicano Narrative."
- President, Rio Grande Writers Association
- Member, Writer West

James F. Barbour
- Albuquerque Academy Cum Laude Address, May 1978 ("Guillaumet and Hershberger: The Success and Failure of Courage")
- Member: MLA, RMMLA.

Ernest W. Baughman
- Attended meeting of American Folklore Society, Salt Lake City, Nov. '78.
- Editor, New Mexico Folklore Record, 1978.

Morris Eaves
- Attended annual MLA meeting, NY. Dec. 78
6. Continued

Michael Fischer
- Member MLA

Cheryl Fresch
- Member, Milton Society of America

Gene Frumkin
- Participated in board meetings of the Rio Grande Writers Assn.
- Attended April meeting of the Coordinating Council of Literary Magazines, Albuquerque.

Hamlin Hill
- "There Ought to Be Clowns" American Humor and Literary Naturalism," American Literature Section, Modern Language Association of America, New York, 28 December; Missouri Philological Association, Rolla, Mo., 17 February; West Texas State Univ., Canyon, Texas 8-10 February.

Michael Hogan
- Chaired Symposium on What Freshmen Think of Their High School English (with Peter Page at NMCTE in Santa Fe).
- Judge for NCTE Achievement Awards in Writing.

David M. Johnson
- Vice-President: Rio Grande Writers Association

Jane Kopp
- "Technical Writing: An Oblique Approach with Annotated Bibliography" (paper) read at colloquium at University of Texas, Austin in March '78.

Antonio Marquez

Ivan Melada
- Member, MLA
- Member, RMMLA
- Active member, Friends of The Huntington Library

Peter Page
- Co-Chaired Symposium discussion, entitled "We Hit Some Snags in College" (on what H.S. teachers can do to improve instruction in writing). (with Michael Hogan) at NMCTE in Santa Fe (Sept. 20-39).

Roy Pickett
- Member, Modern Language Association

David Remley
- Attended WLA fall Conference, Heber, Utah, Oct. 1978

Patricia Smith
6. Continued

Ellen Spolsky
-"How to Be a (Successful) Hypocrite", co-author Ellen Schauber, read at Theory of Rhetoric: An Interdisciplinary Conference, Minneapolis, Minn, May, 1978
-"Grice's 'Implicature' and Literary Characterization," co-author, Ellen Schauber, at the Midwest Modern Language Association, Minneapolis, Minn. No. 78.

James L. Thorson
-Attended annual meeting of the South Central Society for Eighteenth Century Studies in College Station, Texas, March 2-5, elected Vice-Presdent elect.
-Presented paper on 17th Century English Dramatic Texts at Midwest Modern Language Association annual meeting in Minneapolis, Nov. 2-5, 1978.

Marcia Tillotson
-Elected Delegate Assembly of MLA, 1979-81.

Fred B. Warner
-Attended annual MLA convention, New York, Dec. 1978

Marta Weigle
-Editor, Publications of the American Folklore Society; member, Publications Comm.
-Editor, Folklore Women's Communication
-Vice-President, New Mexico Folklore Society

Mary Bess Whidden
-Attended meeting of the MLA in New York, December 1978

Peter White
-Program Committee for South Central Society for 18th Century Studies

Hugh Witemeyer
-Attended Modern Language Association annual convention, Dec. 1978

7. OTHER PROFESSIONAL ACTIVITIES ETC.

Rudolfo Anaya
-Delegate to Pre-White House Conference on Libraries
-Reading or lecture at Western NM Univ., University of Nevada, Spellman College, Atlanta, Geo., Centro de la Raza, Albuquerque; St. John Interdenominational Library Meeting, Oakland Museum of Fine Arts.
-Albuquerque High Commencement Speaker
-Unitarian Church Sermon
Continued

Rudolfo Anaya
-Colorado Bilingual Conference Banquet Speaker
-Reading at Downtown Saturday Night
-Panel, 400 Years in N.M. Lit. English Dept.

Paul B. Davis
-Participant as humanities scholar on two grants to take the American Short Story program into Los Lunas Correctional Center, The Women's Correctional Center, and Sierra Blanca Correctional Center.
-Consultant: Holt, Rinehart, and Winston
-Speaker on Composition, Cibola High School
-Speaker on Solar Energy: UNM School of Architecture

Morris Eaves
-Read a paper on Blake's artistic theory & social revolution to the Age of Revolution Seminar at Mills College, Oakland, Ca., October 1978
-Scheduled to read a paper on Blake in a session of a special class on Blake to be held spring 1979 at Univ. of Calif., Riverside.
-served as a reader for Critical Inquiry, Nov. 78
-asked to evaluate a $25,000 grant proposal for Media Programs, NEA
-served as outside evaluator in promotion & tenure decisions for:
  Dennis Welch, Clarkson College (NY)
  James Bogan, Univ. of Missouri, Rolla
-served as a reader for UNM Press (a bio. of Mary Shelley), Oct. 1978
-asked to recommend Detlef Doerrbecker, of Frankfurt (West Germany), for a special grant with the Studienstiftung des deuschen Volkes, to do advanced graduate study on Blake.
-asked to recommend Rodney Baine (Univ. of Georgia) for a grant from the American Philosophical Society, to do work on Blake.

Robert E. Fleming
-Lectures in NEH-New Mexico Humanities Council, December 1978

Gene Frumkin
-Guest speaker, Book & Author Luncheon, April 7, Santa Fe Hilton Inn, sponsored by the St. John's College Library Associates Committee.
-Participated in round table discussions, April 17, 18, "Literature in New Mexico," sponsored by UNM Depts. of Modern & Classical Languages and English
-Guest reader, Albuquerque Public Library Book Fair.
-reader, Contemporary Arts Center
-reader, Outside Inn, Santa Fe
-Poet-in-residence, PITS, Las Vegas, NM

Hamlin Hill
-Advisor or editorial reader: National Humanities Center, Univ. of Missouri Press, UNM Press, Public Programs Division of National Endowment for the Humanities.

Leon Howard
-Consultant: biographical film on Herman Melville
David Marcus Johnson  
-Reading: New Mexico Poetry Society, Nov. 11, 1978  
-Literature panel: New Mexico Arts Commission  
-Special Projects panel: New Mexico Arts Commission  

Jane Kopp  
-Led the fiction workshop at Colorado Mountain College in May  
-Poetry Reading, ASUNMGSA Poetry Series, June 1978  

Antonio Marquez  
-(1) Panel Member: Symposium on Literature and Life of New Mexico/UNM  
-(2) Panel Member: Symposium on New Voices in American Culture Studies/UNM  

Peter C. Page  
-Active member of The Board of Directors of *Artspace Magazine*: A Quarterly of Southwestern Contemporary Art.  
-Performed a number of roles in David Gilbert's play, *Sunday*, at the Vortex theatre.  

Patricia Smith  
-Poetry readings; January 10th, June 30  

Ellen Spolsky  

Ronald T. Swigger  
-Spring '78 Writing consultant (half-time) Chemical and Nuclear Eng., UNM  
-December '78, Writing Consultant for Synthetic Fuels Lab  

James L. Thorson  
-Served as a member of American Association of University Professors Academic Freedom Investigating team at the University of Texas of the Permian Basin May 4-6, 1978. The thirty-five page report is currently being edited and should appear in the AAUP Bulletin this year. (co-author Prof. William J. Kilgore).  

Mary Martha Weigle  
-March 1978: Talks on the Penitente Brotherhood to the docents of the Museum of Albuquerque, the docents of the Museum of New Mexico, Santa Fe, and the Santa Fe Corral of the Westerners.  
-June 1978: Consultant for *National Geographic Magazine*, to review an article on New Mexico.  
-Two slide-lectures on "Folk Religion in New Mexico" for the 1978 Folklore Institute at Ohio State University, Columbus (texts and slides to remain in their Folklore Program).
7. Continued

Mary Martha Weigle
-July and October 1978: Review panelist for the Division of Museums and Historical Organizations, National Endowment for the Humanities, Washington, D.C.
- November 1978: Talk on the Penitente Brotherhood for the Volunteers of the Museum of New Mexico, Santa Fe.

Mary Bess Whidden
- Health Sciences Committee, spring, advisor
- Department English Policy and Personnel Committee, Fall

Peter White
- Third year as Assistant Editor of Minority Voices
- Read short paper for American Studies lecture series, fall 1978
- Granted $300 from RAC for continued work on Tompson text.
- Granted $300 from Fellowships and Publication Office UNM for Tompson text.

Hugh Witemeyer
- Read and evaluated manuscripts for University of California Press, Princeton Univ. Press.
- Evaluated work of junior faculty members at University of California, Berkeley, and Harvard University for tenure/promotion reviews.

Joseph B. Zavadil
- Talk, Kiwanis Club of Clovis, in January
- Judge, Civitan Regional Essay Contest, April

8. NON-TEACHING UNIVERSITY SERVICE ETC.

Rudolfo A. Anaya
- Member Creative Writing Committee
- Member Chicano Studies Advisory Committee

Ernest W. Baughman
- Member, Department of English Policy and Personnel Committee.
- Chairman, Search Committee for chairman of Department of English.
- Member, Committee on American Studies.

Paul B. Davis
- Faculty Senate, Undergraduate Affairs Committee, Faculty Ethics Committee
- Policy and Personnel Committee, Dept. of English

William C. Dowling
- Undergraduate Advisor, English Department Curriculum Project

Morris Eaves
- English Dept. Policy & Personnel Comm., UNM Press Committee; English Dept. advisor.
- Editor, Blake/An Illustrated Quarterly
Michael Fischer
-undergraduate advisor for English Dept.
-member of committee on undergraduate program/curriculum
-member of several Committees on Studies of graduate students in
    English, Philosophy, and American Studies Departments

Robert E. Fleming
-Member P & P Committee of department, spring 1978.
-Graduate Committee of dept., fall 1978.
-American Studies Committee 1978.
-Undergraduate advisor 1977-78, graduate advisor 1978-79.

Cheryl Fresch
-Policy and Personnel Committee
-Senior Renaissance Search Committee, Chairman, Search Committee
-Undergraduate Advising Committee

Gene Frumkin
-Acting Director of Creative Writing, spring, 1978.
-Chairman, D. H. Lawrence Fellowship Committee
-Chairman, American Academy of Poets Student Contest, UNM

Hamlin Hill
-Chairman, Arts and Sciences Promotion Committee—Humanities; member,
    Arts and Sciences Tenure Committee
-University Press Committee
-Arts and Sciences Academic Programs Committee
-English Department Policy and Personnel Committee

Michael Hogan
-Director of Freshman English
-A & S Health Science Advisory Committee
-UNM/APS Liaison Committee

David Marcus Johnson
-Director of Creative Writing, English Department
-Director: The New Mexico Writers Workshop, Summer 1978

Jane Kopp
-P & P (Policy and Personnel Committee, English Dept.) fall 1978
-Director of D. H. Lawrence Fellowship Committee

Antonio Marquez
-(1) Freshman English Committee (2) Comparative Literature Committee
    (3) Committee on Southwestern Studies Division (4) Chicano Studies
        Faculty Advisory Committee

Ivan Melada
-Search Committee for Humanities Bibliographer
-Set Question for Summer M.A. exam
-Ph.D. exam grader
-M.A. Advisor
8. Continued

Iyan Melada
- Library Liaison
- Chairman, English Department Library Committee
- Reader, two undergraduate honors essays

Peter Page
- Assistant Director, Freshman English
- Secretary, Freshman English Committee

Roy Pickett
- Freshman English Committee
- Associate Member of Linguistic Department
- Policy Committee of Linguistics Department
- LSA Summer Institute Planning Committee
- Ph.D. Exam Reader

Ellen Spolsky
- M.A. Advisor,
- Ph.D. dissertation director
- M.A. thesis director
- Library Committee

Ronald T. Swigger
- Panel grader, English 101 Final, spring '78, fall '78

James Thorson
- M.A. Advisor, English Department
- At-large member, UNM Faculty Senate
- Member Senate Long-range planning Committee

Mary Martha Weigle
- Through summer 1978: Student Publications Board, CONCEPTIONS-SW
- University Press Committee
- Board of Directors, Maxwell Museum Associates
- Ongoing: American Studies Committee

Mary Bess Whidden
- Health Sciences Committee, spring; advisor
- Department English Policy and Personnel Committee, Fall

Peter White
- Undergraduate advisor
- American Studies Faculty Committee

Hugh Witemeyer
- Director of English Graduate Studies
- Selection Committee for D. H. Lawrence Fellowship
- A & S Graduate Committee

Joseph B. Zavadil
- Department Chair
- Faculty Senate and Executive Committee (spring semester)
- UNM Ambassadors
- Committee on Continuing Education (fall)
9. PUBLIC SERVICE

Rudolfo A. Anaya
-Talk for Texas Farmworkers Fund Raiser
-Visit to Cibola High School
-Class visit to Cibola High School
-Class visit to Santa Fe Alternative School

James F. Barbour
-Manager of Little League, 13 year old league Blue Jays: pennant winners and winners of League Playoff Championship. Member of Christ Lutheran Church.

Paul R. Davis
-Participated in building Corrales Library; Consultant on Solar Heating

Hamlin Hill
-Public lectures: Harvard-Yale-Princeton Club, January 9; Senior Citizens Centers, 5 lectures, August; Civitan Summer Seminar, 10 June; Mark Twain Elementary School, 7 March; New Mexico Humanities Council American Short Story discussions (5 talks), December.

Jane Kopp
-Campus advisor to Symphony of Life (student religious organization)
-Addresses at Symphony of Life summer retreat and one Sunday service.

Ivan Melada

Peter C. Page
-New Mexico MS.Society

Ellen Spolsky
-Board of Directors, Akiba Day School

Ronald T. Swigger
-Host family, UNM Internation:Student Center

Mary Martha Weigle
-Board of Directors, Santa Fe Historical Society
-Planning Committee, Southeast Neighborhood Association, Santa Fe

Hugh Witemeyer
-Member, Pacific Region Selection Committee for the Marshall Scholarship

10. PERSONAL INFORMATION

Leon Howard
-Widower
I. General Departmental Information

In view of increased interest in methodological training and applied geography, the Geography Department in the last two years has expanded its offerings in cartography, remote sensing, and land use planning. Presumably this increased interest is a reflection of trends in the job market, but in any case the success which numbers of our former students have had in securing employment in agencies where training in such aspects is in demand, indicates the desirability of our response.

Unfortunately, the hoped for establishment in this Department of a State Climatological Center was prevented, at least for the time being and perhaps permanently, by an act of the State Legislature. The Legislature decreed that the task of initiating this action be assigned to the Secretary of Agriculture, who is associated with New Mexico State University; and authority for the appointment of a State Climatologist was given to the regents of that institution.

At a time of decreasing enrollments and cut-backs, to maintain a position might be counted as progress. The Geography Department has shown an increase in enrollment which, although slight, testifies to continued and perhaps increasing interest in this field.

A. Significant Achievements

Whether or not a slight expansion of total enrollment may be considered a significant achievement during these more stringent times, the
development of a broader program in cartography may surely be considered as such. The addition of a sophomore level course therein has contributed to our expansion of offerings at that level. Furthermore, the Geography Department is taking an active part in the revitalization of interdisciplinary programs in area studies. In another vein, the Department has acquired additional and needed office help. Mention should also be made of the Department's serving as host to a group of visiting geographers from the University of Kiel, Germany.

Cartography entered a new phase in the activities of the Geography Department this year. Assistant Professor Alastair Shedden, new to the Department in the fall, has expanded the single four hour course into two courses. The basics will now be taught in a sophomore level laboratory course, and an advanced laboratory course will cover thematic mapping and computer cartography. The newly equipped cartography laboratory made possible this expansion. Up to forty students may now be accommodated each semester in the 20-seat laboratory by running two sections and having the class meet together once a week for a lecture session in the lecture room 202. This expansion was greatly helped by the addition, during the spring term, of a graduate assistant in cartography. It is the earnest hope of the Department that this temporary position be made into a permanent one so that this program may go forward.

The sophomore cartography course has added to the departmental offerings at that level, an expansion called for in previous departmental planning. We now have four such courses (Geography 261 - Spatial Organization, Geography 263 - Economic Resources, Geography 212 - Africa, and this course: Geography 280 L - Cartography.

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Meanwhile, the courses in air photo interpretation and in remote sensing continue to attract students. Together with cartography, these courses offer a considerable concentration in this realm (8 hours of cartography, 3 hours of map reading and air photo interpretation, and 3 hours of remote sensing for a total of 14 hours plus a 3 hour remote sensing seminar available for graduate students). These methodological courses tie in particularly with the newly developed courses in land use practice and planning and with urban geography as well as with the field in general.

In regard to the programs in area studies, the Department has cooperated with other departments in their development. Asian Studies and Russian Studies have been re-examined for improvement, while basic work has been completed for a re-establishment of European Studies. The courses in the Geography of South America and of the Caribbean and Mexican areas continue to augment the Latin American programs.

The daily work of the Department has been helped considerably by the expansion of the office staff following the retirement of Ms. Ann Lucero, formerly the Department Secretary. Her replacement is Ms. Rocio Brinshall, but to ease the load, the Department received permission to hire a clerk-typist, Ms. Christina Coryell, who subsequently was advanced to Staff Secretary. This has helped greatly in keeping up with the typing of manuscripts for the faculty as well as easing the situation in regard to classroom materials. Furthermore, it has helped facilitate work within the departmental office, since the whole burden no longer falls on the Department Secretary. An added benefit has been realized for the departmental library and map room. By having the desk of the Staff Secretary located in this room (Room 301), we have been able

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to keep it open during the regular working hours, and the collections, especially of maps and air photographs are increasingly utilized by the students.

The utilization of space has been further enhanced by a series of moves within the Department. The acquisition of room 105 from the Art Department made possible the moving of all the cartographic and field equipment to that room from the small rooms numbered 302-B, C, and D. These have been converted into rooms for the graduate students, two or three to a room. This move, in turn, permitted the removal of the graduate carrels from room 301, and thus provided the space for the expansion of the departmental library.

In October the Department served as host to a group of visiting students and faculty in geography from the University of Kiel, Germany. Lectures and field trips were arranged, and a very pleasant tea was well attended by geography students and faculty of UNM and the German guests.

B. Plans and Recommendations

Present plans and recommendations call for continued emphasis on cartography and an expansion of regional courses in conjunction with the renewed development of area studies programs in the University. Furthermore, the department needs more emphasis on economic geography, a need which has been evident for some time. Courses therein should be developed which tie in particularly with employment opportunities for our undergraduate majors and masters degree recipients.

The new program in cartography is working out very well, helped greatly during the second semester by the addition of a graduate assistant in cartography. The faculty of the Geography Department strongly recommend
that this assistantship be made available again next year, and thereafter that it be incorporated regularly in the departmental budget. The availability of the services of such an assistant would make possible the running of two laboratory sections in cartography on a regular basis. Without an assistant, there is too much of a burden placed upon the instructor. Furthermore, having more than one section doubles the use of the laboratory equipment acquired largely with funds from the bond issue.

In another vein, the Department is planning some modest expansion of its regional courses to meet the needs of the area studies programs which are in the process of revitalization by interested parties in The University. Since the departure of Assistant Professor Douglas Gordon, the Geography Department has not offered any courses on East Asia or Southeast Asia. Indeed, these two courses were dropped from the departmental listings. We plan now to add at least the course on East Asia which will be taught by Professor Iven Bennett until such time when we might again have someone with a regional emphasis on this part of the world. To be sure, our courses on the Indian Subcontinent and on the Middle East serve the Asia Studies program, but these other two areas need to covered as well. Meanwhile, our courses on South America and Mexico and the Caribbean tie in with the Latin American programs, and the course on the Soviet Union and Eastern Europe serves Russian Studies. A move is underway to re-establish European Studies, and our course on Western Europe would serve this program.

Of more significance for our major and masters programs in geography, however, would be the development of economic geography beyond the one sophomore level course and the tangentially related courses in Location Theory
and Food Production Systems which we now have. We need a staff member with a cardinal emphasis on economic geography, especially industrial location, transportation, and regional market analysis. The retirement this coming year of Professor Robert D. Campbell would provide an opportunity to recruit such a person without any expansion of our budget, since there are staff who could absorb those courses of Professor Campbell which are absolutely required. Although the loss of his services will be keenly felt, the needs of the students today, particularly in employment opportunities, indicate the desirability of a shift in emphasis from psychological geography to economic geography. Indeed, if a person of junior rank were recruited, both a faculty member in economic geography and a graduate assistant in cartography could be added with salary to spare. We most earnestly recommend this procedure.

C. Appointments to Staff

Assistant Professor Alastair Shedden was recruited for the vacancy in cartography. He came to us from his doctoral work at Berkeley and previous training in South Africa. There were over sixty applicants for the position, and this person was chosen not only because of his capacities in cartography (which enabled us to expand that program as indicated previously) but also because of his broad background in both physical and human geography. He teaches introductory sections in both. Also he is teaching the introductory course in economic geography and has been given responsibility for the field course.

D. Separation from Staff

Assistant Professor Douglas H. Gordon left at the end of the
1977-78 academic year, but there have been no separations in 1978-79.

II. Composite of Information Requested on Individual Biographical Supplements

Following are indicated the achievements, productivity, and other activities of the staff of the Geography Department for the calendar year 1978.

Advanced Study

Assistant Professor Alastair Shedden, appointed to the staff starting the 1978-79 academic year, was completing his requirements for the doctorate at the University of California at Berkeley. The subject of his dissertation is Mining, Miners, and Merchants in the Northern Rocky Mountains: A Geography of 19th Century Urban Settlement.

Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.

Professor Iven Bennett took automobile trips through the Southwest, gathering material, including slides, for his course on the Regional Geography of the Southwest, Geography 304. Professor Robert D. Campbell took a summer trip to Ireland and Scotland. Associate Professor Stanley Morain traveled to the Philippines and Nepal from April 2 until May 5, attending the 12th International Symposium on Remote Sensing of Environment held in Manila, and instructing in a Workshop on Remote Sensing in Kathmandu. From July 29 - August 13, he participated in design team studies in Kathmandu in Nepal, Dacca in Bangladesh, and Bangkok in Thailand. These were sponsored by the U.S. State Department. Professor Richard Murphy took automobile trips in the southeastern U.S. and in the Colorado Rockies. From November 22-27, Professor Alastair Shedden visited geography departments at Eastern Washington
University, Western Washington University, and Northern Utah State University to examine their programs in cartography. Professor Rodman Snead studied storm damage from Hurricane Anita along the coast of Mexico from the border south to Tampico. This was from January 2-14 under a grant from the Research Allocations Committee.

New Scholastic honors, fellowships, etc.

Professor Richard E. Murphy has been included in the 1978 Who's Who in the World.

Publications


Other research projects or creative work in progress

Associate Professor Elinore M. Barrett continued her analysis of archival material pertaining to the study of copper mining in New Mexico.

Professor Iven V. Bennett completed textbook-length material for Geography 352, World Regional Climatology (run off by the UNM Printing Plant). He has started a study of the frost free season in New Mexico.

Professor Robert D. Campbell worked on the development of a systems model relating environment to human groups by means of three behavior subsystems: the socialization system, the personality system, and the activities system.

Associate Professor Stanley Morain completed a manuscript for a book on Speciation and the Global Pattern of Life. In his role as Director of TAC, he secured a $65,000 grant from the New Mexico Energy Institute for mapping neighborhood heat loss by thermal scan, and a $23,500 grant from the NASA Earth Resources Laboratory for developing a training program in Landsat Automatic Image Classification.

Professor Richard E. Murphy completed the manuscript for Physical Geography: An Introductory Survey. He continued his work on a classification of political units by origin.

Assistant Professor Alastair Shedden engaged in an examination of the occupational structure in 1870 and 1880 for the eleven western states in
addition to working on the completion of his requirements for the doctorate at Berkeley.

Professor Rodman E. Snead continued work on *Coastal Landforms and Surface Features: A Photographic Atlas and Glossary* to be published by Dowden, Hutchinson, and Ross. Also he completed a manuscript for an article on "Natural Arches of New Mexico" which has been accepted for publication by New Mexico Magazine. He completed also a manuscript for an article on "Storm Damage and Coastal Changes from Hurricane Anita." Two manuscripts of Professor Snead's are being put on microfiche by Field Research Projects of Cocomut Grove, Florida. These are "The Physical Geography of the Soghun Valley, Southeastern Iran" and "Morphological Changes in the Balakot Coastal Region of Pakistan." Professor Snead also is preparing commentary on eighty 35mm space photographs on world climatology and meteorology for the Harper and Row media program. He is also preparing three maps on geology, hydrology, and landforms for Jerry Williams' forthcoming atlas of New Mexico. Furthermore, Professor Snead's article on the "Origin of Arcuate Bays on the West Coast of Jamaica" will be published in the *Proceedings* of the Association of American Geographers.

Assistant Professor Jerry L. Williams is compiling an atlas of New Mexico, *New Mexico in Maps*. The coeditor will be Dr. Paul McAllister of the History Department. In addition to the assembly of materials, a large amount of original material is being developed for this atlas. Dr. Williams received a $1000 grant from the Research Allocations Committee for data collection during the summer, 1978, for this project.
Activities in learned and professional societies

The Geography Department was well represented at the annual meeting of the Association of American Geographers in April in New Orleans. Those in attendance were Professor Rodman Snead and Associate Professors Elinore Barrett and Stanley Morain. Dr. Barrett presented an invited paper on "Indian Community Hospitals in Colonial Michoacán." Dr. Morain served as instructor of a short course in advanced remote sensing. Dr. Snead presented a paper as a poster session on "Origin of Arcuate Bays on the West Coast of Jamaica."

Other professional meetings and papers also involved Professor Snead and Associate Professor Morain. Dr. Snead chaired a session of the 7th Wisconsin Conference on South Asia held in Madison on November 3-4. The session was entitled "Rural Development Planning Strategy in Pakistan, 1947-1978," and Dr. Snead read a paper for Dr. Ilyas Ba-Yunas on "Rural Social Problems in Pakistan." Dr. Morain attended the annual meeting of the American Society of Photogrammetry in Washington, D.C. in March. He was there as Chairman of the Education and Interpretation Skills Committee of the Remote Sensing Application Division. At a Fall Technical Meeting of this Society held here in Albuquerque, he served as Deputy Director responsible for the technical program and local arrangements. In April, in connection with his position as Director of TAC, Dr. Morain attended the 12th International Symposium on Remote Sensing of Environment held in Manila, P.I. There he presented three papers on remote sensing in Southeast Asia: "Transferring Remote Sensing Technology: Activities of TAC," "Forest Mapping and Inventory Techniques through Visual Analysis of Landsat Imagery: Examples from Thailand" (with B.
Klankamsorn), and (with S. Wacharakitti) "Procedures for Land-Use Analysis in Developing Countries: Examples from Southeast Asia."

Other professional activities

Professor Iven Bennett continued to act as the unofficial Climatologist for New Mexico, serving as a free consultant to a large variety of people both within and outside the University community. He also served as a paid consultant on climatic problems to the Research and Development Corporation of Albuquerque.

Associate Professor Stanley Morain served as the instructor in an International Remote Sensing Training Program held at the Remote Sensing Institute of South Dakota State University from July 3-21. He also served as a consultant to the Agency for International Development of the U.S. State Department as a member of a Design Team for a Satellite Remote Sensing Training Center in Southeast Asia.

Professor Richard Murphy presented a talk on "The Geography of Demography" to the "Twenty-one Club" on February 6. On May 19 he spoke to the 5th graders at the Hawthorne Elementary School on "The World and Maps." He also presented two lectures on the field of geography for the College Enrichment Program of the UNM Summer Session. On September 23, he presented a lecture in Rodey Theater on Scandinavia and Germany to a class in Theater Arts studying the drama of this region.

Assistant Professor Jerry Williams presented two lectures on the field of geography for the College Enrichment Program of the UNM Summer Session. In October he conducted a field excursion for a visiting group of students and faculty from the University of Kiel, Germany.
Non-teaching University Service

Associate Professor Elinore Barrett continued as a member of the Research Allocations Committee. She also served as a member of the Search Committee for an Associate Provost for Academic Affairs and as a member of the Tenure Review Committee of Arts and Sciences.

Professor Iven Bennett served as faculty advisor to graduate students in the Geography Department.

Professor Robert Campbell continued as Chairman of the IARS Faculty Advisory Committee and as a member of the Faculty and Staff Benefits Committee.

Professor Stanley Morain continued as Director of TAC, a NASA technology transfer agent.

Professor Richard Murphy continued as Chairman of the Geography Department and as faculty advisor to geography majors and graduate students. He also continued as a member of the Russian Studies Committee. He was elected Secretary-Treasurer of a newly formed "Interdependence Club" at UNM. In the fall he served as the local member of an Ad Hoc Visiting Committee for the evaluation of the French program at UNM.

Assistant Professor Alastair Shedden served as the representative of the Geography Department at the UNM High School Senior Day.

Professor Rodman Snead continued to serve as faculty sponsor of Gamma Theta Upsilon, International Honorary Geographical Society. He also continued as the Danforth Liaison Officer for the Senior-Baccalaureate applicants for Danforth scholarships. He served also as faculty advisor to two Presidential
Scholars and as a member of the Social Science Promotion Committee of Arts and Sciences.

Assistant Professor Jerry Williams served as a member of the Graduate Committee of Arts and Sciences. He served also as a member of a Ph.D. Committee in history.

All the faculty of the Department serve as advisors to students, and several members of the Department serve as thesis advisors.

Public Service

Assistant Professor Jerry Williams served as a volunteer teacher and board member of the Albuquerque Childbirth Education Association where he is also the New Teacher Instructor. Professor Richard Murphy joined the Albuquerque Civic Chorus in September where he is in the bass section.

Personal Information

There was no further personal information to add for the 1978 calendar year.
The Report of the Department of Geology

July 1, 1978 - June 30, 1979

Douglas G. Brookins, Chairman

1. General Departmental Information

A. Significant Achievements

The Department of Geology consists of 15 full-time faculty, six part-time faculty, 75 graduate students, and 140 undergraduates (Note: an additional 80 undergraduates are listed as planning to major in geology).

During the past year the department granted 17 bachelor's degrees, 12 masters degrees, and 0 Ph.D. degrees. This compares with 24, 13, and 2 degrees respectively for the previous year.

This past year has been excellent for employment of geology majors. Numerous industries, Federal and State Agencies, consulting firms, and other sources have interviewed our students throughout the year and our placement continues at 100 percent for B.S., M.S. and Ph.D. recipients (Note: this includes B.S. and M.S. recipients continuing on for beginning or continued graduate work). Further, part-time jobs during the academic year and summer jobs are readily available. As in previous years, we have been unable to supply the demand for our geology majors. This favorable trend in the geosciences is Nationwide, but UNM geology majors are in special demand because of their sound training, as evidenced by the fact that our majors were placed at nearly the 100 percent level in pre-1974 years before the energy situation
created the Nationwide need for geologists in many areas.

Many of our B.S. and M.S. recipients have received offers for beginning or continued graduate studies at sound academic institutions such as Harvard, VPI, UCLA, UC-Berkeley, Stanford, SUNY-Stony Brook, Penn State, Indiana and others. This is a clear reflection of the strength of our overall program which we continue to make even stronger by insisting on quality teaching at all levels: team teaching, integrated teaching and research involving faculty and students, constant evaluation of all aspects of our programs (admission policies, interviews and field placement test, qualifying and comprehensive examinations, in-house peer evaluations, etc.). Throughout, the fundamentals are stressed as it is our belief that a thorough understanding of each new concept to which the student is exposed will allow one to proceed in a logical fashion to be fully trained either for employment or graduate school by the time one has completed the B.S. requirements.

Our admissions committee reviews the files of some 100 or so applicants for graduate work (note: of some 200+ letters of initial inquiry) and 60 have been informed of admission to our program for Fall 1979. Of these, we expect about 25 to enroll due, primarily, to the lack of financial assistance for all students qualified for our program. If our projections are correct, then our graduate enrollment for the 1979-1980 academic year will be 80 which is slightly above this past years
enrollment. This figure is slightly higher than we would prefer as we feel that for our 15 full-time faculty a student/faculty ratio of 4 to 5 (note: 4 is desired but we can operate at the higher number) is best suited for our program in order to maintain its quality. In this manner we are able to attract very good students to our program.

The geology department managed research grants and contracts totalling $2,850,000. Most of this amount is used for student salaries, for faculty summer salaries, for equipment and supplies, and other purposes. In addition, we have received $100,000 in State funds for the acquisition of teaching equipment and supplies in order to maintain our expanding undergraduate teaching program. From release time and other sources, we attempt to provide financial support for most of our graduate students as well as for a few of our best undergraduates.

The Geology faculty continue to improve their research in all areas. Our fifteen full-time faculty for the past year published some 180 papers, technical reports, and abstracts; many of which were co- (or solely) authored with graduate students. Close ties with the Los Alamos Scientific Laboratory and Sandia Laboratories will allow joint ventures involving UNM personnel to be very successful; especially in the area of access to some of the finest research equipment in the United States. In addition, ties with other Federal or State Agencies and sister institutions remain very strong and many cooperative studies are in progress.
The Geology Faculty continued to participate in International, National, Regional and Local organizations and meetings. Geology Faculty participated in the 10th International Sedimentological Congress, the First Annual International Rift Symposium (partially co-organized by UNM Geology personnel), the International Atomic Energy Agency (Uranium Symposium), the National Annual Eastern and Western Meetings of the American Geophysical Union, the Lunar Proceedings Conference, the Annual Meeting of the Geological Society of America, the Rocky Mountain and Cordilleran Sections of the Geological Society of America, the International Association of Exploration Geochemistry, the International Association of the Working Group on Ore Deposits, the Annual Meeting of the Meteoritical Society, the National and Rocky Mountain Annual Meetings of the American Association of Petroleum Geologists, the Fall and Spring Meetings of the New Mexico Geological Society, the Annual Meeting of the Materials Research Society (Symposium on the Science Underlying Radioactive Waste Management), the NATO-CCMS Sponsored Meeting on Geothermal Energy, the Second Symposium on Uranium Deposits of the Grants Mineral Belt, the Annual Meeting of the Society of Exploration Geophysicists, as well as participation in numerous Penrose and other organization-sponsored meetings and workshops (See section on individual achievements).

Geology faculty served on the editorial boards of the following journals: Economic Geology, The American Mineralogist,
the Geological Society of America, Geology, Chemical Geology as well as reviewers for these and other quality journals.

The following scientists visited the Department of Geology to present lectures and to visit with faculty and students and other geoscientists:

1. Edward A. Pittman, Cities Services, Inc., Distinguished AAPG Lecturer
2. William R. Dickinson, Stanford University, UNM-Sandia Colloquium Lecturer
3. Richard H. DeVoto, Colorado School of Mines, Distinguished AAPG Lecturer
4. Frank B. Conselman, Consulting Geologist* (Now first Distinguished Adjunct Professor of Petroleum Geology, UNM)
5. Glen A. Visher, Tulsa University
6. Don A. Zeigler, Chevron Oil Co., Visiting AAPG Petroleum Education Lecturer
7. Chandler A. Swanberg, New Mexico State University
8. Steven J. Lambert, Sandia Laboratories
9. Joseph Bridwell, G-6, Los Alamos Scientific Laboratory
12. Carl Allen, Dept. of Planetary Sciences, Univ. Arizona
13. James Blacic, Los Alamos Scientific Laboratory
14. Miles Silberman, Branch of Alaskan Geology, U. S. Geological Survey
16. Peter M. Ihlen, Univ. Trondheim, Norwegian Inst. of Technology
19. Edward Cahill, Economic Consultant, Standard Oil of California
20. Paul Morgan, Dept. Geology, New Mexico State University
21. Vladimir Majer, Dept. Mineralogy and Petrology, Univ. Zagreb, Yugoslavia
22. Charles E. Chapin, N. M. Bureau of Mines & Mineral Resources, Socorro, NM
23. Lee Russell, Seismic Exploration Division, Shell Oil Co.
24. Scott Sinnock, Sandia Laboratories
25. Joe Coquat, Sandia Laboratories
27. John Colp, Sandia Laboratories

The following students received financial aid from the sources indicated for the past year:
1. M. Ander, RA, LASL
5. J. Gooding, RA, NASA
6. H. Holcombe, RA, NSF
7. W. Mansker, RA, NASA
8. R. Nielsen, RA, NASA
9. H. Planner, RA, NASA
12. R. Albright, TA, UNM-Geology
13. K. Affholter, RA, Battelle Pacific Northwest Laboratories
14. S. Anderson, RA, USGS
15. S. Barker, RA, NASA
16. R. Becker, RA, UNM-Geology
17. C. Blum, TA, UNM-Geology
18. L. Brouillard, RA, UNM-Geology
19. C. Cigolini, Fulbright Fellowship
20. J. Connolly, RA, SLA
21. D. Drickman, TA, UNM-Geology
22. K. Emanuel, RA, UNM-Geology and SLA
23. M. Gerety, RA, NSF
24. A. Gutierrez, RA, NMEMR; TA, UNM-Geology
26. C. Hudson, RA, SURP
27. C. Huss, RA, NASA
28. P. Hutchinson, TA, UNM-Geology
29. T. Kasten, TA, UNM-Geology
30. S. Laubach, TA, UNM-Geology
31. J. Lawrence, RA, SLA
32. T. Leyenberger, RA, SLA
34. G. Lux, RA, NASA
35. P. Maggiore, TA, UNM-Geology
36. M. Mahoney, RA, NSF and NMEMR
37. R. McCarty, TA, UNM-Geology
38. T. McCormick, RA, LASL
39. D. McDonough, TA, UNM-Geology
40. R. Merker, TA, UNM-Geology
41. M. Merrick, TA, UNM-Geology
42. R. Miller, RA, SLA
43. C. Nelsen, RA, BLM
44. H. Northrop, RA, LASL; 0.25 TA, UNM-Geology
45. C. Olsen, LASL (Full Time)
46. M. Parker, RA, NMEMR and NSF
47. J. Place, Gulf Minerals (Full Time)
48. J. Register, RA, SLA
49. M. Register, RA, SLA
50. S. Ristorcelli, Western Nuclear (Full Time)
51. J. Schultz, TA, UNM-Geology
52. M. Steinpress, TA, UNM-Geology
53. S. Stavness, TA, UNM-Geology
54. M. Vazzana, TA, UNM-Geology
The following students received scholarships as indicated:

**A. New Mexico Geological Society Awards**

1. Alberto Gutierrez $250
2. Peter Hutchinson $150
3. Winfried Leopoldt $250
4. Mark Logsdon $250
5. Randy Merker $250
6. Jerry Schultz $200
7. Martin Steinpress $200
8. Mike Vazzana $200

**B. Leonard Scholarships**

1. Richard Spradling $750
2. Kathleen Tohe $750
3. James Hunter $500
4. Curtis Kortemeier $500
5. David Kraig $500
6. Charles Criswell $500
7. Harlan Stein $500

55. H. Vogler, TA, UNM-Geology
56. S. Wentworth, RA, NASA
57. W. White, RA, USGS
58. R. Widdicombe, RA, SLA
59. C. Zimmerman, TA, UNM-Geology
61. A. Majumbar, Gov. India Fellowship
8. William Morris II  $500
9. Caroline Eddy       $250
10. Mary Lou Leonard   $250

C. Outstanding Achievement Awards
1. James Gooding, Sigma Xi (also recognized for the outstanding UNM Ph.D. dissertation for 1978-79)
2. Theodore Bornhorst, Grad. School $600
3. Ellen Dunn, Mineralogy          $100
4. Geoffrey Plumlee, Structural Geology $100
5. Geoffrey Plumlee, Kelley Award, Field Geol. $100
6. Randy Merker, Northrop Award, Strat-Sed-Paleo. $100
7. Tom Lehman, Field Geology      $100

D. Tenneco Scholarships
1. Randy Albright                $500
2. James Gooding                  $500
3. Alberto Gutierrez              $500
4. Rose McCarty                   $500
5. Randy Merker                   $500

E. Combined ARCO, Sun Oil, Cities Services Scholarships
1. Randy Albright                $200
2. James Gooding                  $200
3. Alberto Gutierrez              $200
4. Rose McCarty                   $200
5. Randy Merker                   $200
6. Terri Kasten $300
7. Martin Steinpress $250
8. William White $200
9. Mike Vazzana $200
10. Peter Hutchinson $200
11. Steve Barker $200
12. Kathleen Affholter $150

F. El Paso Natural Gas Co. Award
1. Claudia Mora $600

G. UNM-Geology Awards for Participation in Scientific Meetings (amounts variable)
1. Charles Zimmerman
2. Marcia Register
3. Michael Gerety
4. Richard Della Valle
5. William Mansker

B. Significant Plans and Recommendations

The Geology Museum and the Meteorite Museum were visited by approximately 6,000 school children as well as by smaller groups of Cub and Boy Scouts, the Albuquerque Gem and Mineral Club, and others.

The Geology Department has continued to monitor and provide upkeep on the World-famous Harding Pegmatite near Dixon, New Mexico, which was kindly donated to UNM by Dr. Arthur Montgomery.
This property was transferred to UNM by U.S. Senate Bill 1403 this past year and the final surface value assessment is at present being established for final title transfer to UNM. In addition to the hundreds of geologists, rockhounds, tourists, and others who have visited the site, the UNM Geology Department has initiated an intensive research program at both the Harding Pegmatite and the pegmatites of the Petaca District. Two M.S. theses (M. Register, C. Cook) were completed on the Harding during the past year and three more theses (R. Miller, R. Merker, R. McCarty) have been proposed. In addition, Professors Ewing, Brookins, Landis and Callender and visiting scientist Dr. Peter Ihlen, (Trondheim University, Norway) continue to conduct research on the Harding and other pegmatites.

Dr. Miles L. Silberman of the U.S.G.S. and Dr. Celso Gomes of the University of Sao Paulo, Brazil, were visiting scientists during the past year as were Dr. Peter Ihlen, University of Trondheim, and Dr. Ronald Churchill of the University of Minnesota.

Effective May 1979 all space on the second floor of Northrop Hall was transferred to Geology thus giving the department full occupancy. This will allow more expeditious planning which includes acquisition of a second microprobe facility (pending), expanded computer facilities, plans for expanding the in-house Geology Library, and room for Adjunct Professors and Visiting Scientists.
The Department plans to initiate a combined course in Petroleum Geology—Advanced Subsurface Geology this coming Fall (See Section C) to be taught by Dr. Frank Conselman. This past year saw Dr. Richard Warner of the UNM Institute of Meteoritics and Mr. John McLean of the U. S. Geological Survey offer courses within the geology department as did Mr. William Mansker and Dr. John Berkley, both of the Institute of Meteoritics.

Emphasis continues to grow in the areas of energy-related fields and environmental geology. A new course in uranium geology was approved and will be offered in 1980. Courses combining faculty from various Engineering Departments and Geology faculty will include geothermal energy, radioactive waste disposal studies, and urban geology. All of these and support areas are vital to the State. Expansion of basic skill courses in base metals, aqueous geochemistry, quantitative hydrology, advanced crystallography and experimental petrology, several areas of geophysics, and rock mechanics and advanced structural geology are now available for UNM and other (sister Institutions and Federal and State Laboratories). In this fashion UNM-Geology continues to keep pace and set trends in energy and environmental geology.

C. Staff Information

In accord with the policy of Chair rotation, Dr. Rodney C. Ewing was unanimously endorsed by the geology faculty to serve as Chairman for a three-year term effective July 1, 1979.
Dr. Frank Conselman, Consulting Geologist and past president of AAPG, AGI, and AIPG has been named the first Adjunct Distinguished Professor of Petroleum Geology for the UNM Geology Department. He is co-sponsored by UNM and Energy Education Exploration, Inc. (Board Members: Mr. Frank Gorham, Questa Petroleum; Profs. Brookins, Ewing, Woodward, UNM-Geology; and Mr. Richard Ullrich, El Paso Natural Gas Co.).

Ms. Chris Chavez has been granted a leave of absence to pursue academic endeavors; her bookkeeping responsibilities will now be handled by Mrs. Ramona Caplan with part-time help from Ms. Sandra Doughton. Additional Staff needs are pending.
II. Composite of Individual Biographical Supplement

1. Advanced Study

**Douglas G. Brookins:**
Lifet ime member, American Institute of Chemists

**George R. Jiracek:**
University of California, Berkeley, Engineering Geoscience,
September 1977-April 1978

University of Utah, Department of Geology and Geophysics,
April 1978-August 1978

**Gary F. Landis:**

2. Travels

**Roger Y. Anderson:**
Sabbatical leave, Sem. II (Spring). Field research in southeastern New Mexico. Lectures and field research on lakes in Washington State.

**Douglas G. Brookins:**
Travel for research related projects (out-of-state) to Bechtel Corporation, San Francisco and Lawrence Berkeley Laboratories, Berkeley.

**Jonathan F. Callender:**
Sabbatical granted, Spring, 1979.
Tucson, AZ (joint executive comm. meeting, Ariz. Geol. Society and New Mexico Geol. Soc.); Los Alamos, NM (consulting); New York and New Jersey (sign physical geology book); Socorro, N.M. (N. M. Geol. Soc. Spring field conf. and exec. meeting); central California (field work); Santa Fe, N.M. (Rio Grande Rift Symp.); Hannover, W. Germany (Gorleben Int'l Review).

Wolfgang E. Elston:
Visiting lecturer, UNM German Summer School at Taos, NM (June 20-21, 1978). Lectures (in German) on (1) Iron Ore and Coal on the German - France border: From Conquest to Common Market, (2) Excursion to the Moon and the Inner Planets. Led geologic hike to Wheeler Peak.

Geologic field work in southwestern New Mexico, Arizona, and northern Mexico, Summer, 1978.


Rodney C. Ewing:
Travel in Portugal and Spain, June, 1978.

Raymond V. Ingersoll:
Summer travel to France, England, and Israel for the combined purposes of attending professional meetings, presenting papers, doing fieldwork and taking a vacation. Travel in northern New Mexico for fieldwork.
George R. Jiracek:
Salt Lake City, Utah, presented invited talk at University of Utah, February 8-10, 1978.
Salt Lake City, Utah, traveled to visiting sabbatical position at University of Utah, April 8-9, 1978.
El Paso, Texas, represented University of Utah Earth Science Laboratory at DOE Geothermal Log Interpretation Workshop, June 5-6, 1978.
Albuquerque, returned from sabbatical leave at University of Utah, August 19-20, 1978.
Santa Fe, presented invited talk at Santa Fe Geological Society, September 15, 1978.
Las Cruces, participated in State of New Mexico Direct Geothermal Heat Applications progress and planning session, September 21, 1978.

San Francisco, California, attended and co-presented two papers at International Meeting of Society of Exploration Geophysicists, October 30-November 2, 1978.

Las Cruces, New Mexico, participated in State of New Mexico Direct Geothermal Heat Applications planning session, November 16, 1978; co-chaired and co-presented two papers at Geothermal Energy Symposium, November 17, 1978.

Klaus Keil:


11. Taos, New Mexico. Gave talks on "Meteorites and their significance for hypotheses on the origin of the solar system" and "What next in space" to the UNM German Summer School (in German), June 29-30, 1978.

12. San Diego, California. Planning session of the Abee meteorite research consortium, Chemistry Department, University of Calif., La Jolla, July 6-9, 1978.


17. Sao Paulo, Brazil. Taught 2 week course at the University of Sao Paulo on "Geological aspects of nuclear waste disposal", carried out research on Brazilian meteorites; discussed with publisher details on the publication of a book on "Brazilian stone meteorites", and discussed UNM-University of Sao Paulo cooperative agreement with the Vice-Rector of the University of Sao Paulo, November 6-23, 1978.

Albert M. Kudo:

Barry S. Kues:
Travel to Berlin-Ichthyosaur State Park (Nevada) to discuss organization and problems of paleontological state parks (May 28, 1978). Travel to Petrified Forest National Park to discuss problems of paleontologically oriented parks (June 9, 1978). Travel to Los Angeles to meet with director and other personnel of the Los Angeles County Museum of Natural History and Page Museum regarding the establishment, funding and activities of a paleontologically oriented natural history museum (June 12-14).
Travel to New York American Museum of Natural History to study type specimens and collection of New Mexico fossils (July 9-16, 1978).

Travel to Washington, D.C., Smithsonian Institute to study New Mexico fossils in their collections (July 17-18, 1978).

Stephen G. Wells:

b) Field trips to Negev and Sinai to observe geomorphology and Quaternary geology.

Lee A. Woodward:
Travel to Colorado, Wyoming, and Montana in conjunction with research projects.

3. New scholastic honors, fellowships, etc.

Douglas G. Brookins:
American Men and Women of Science
International Biography Dictionary
Who's Who in the West
American Leaders in Education
Community Leaders of America
Elected to Society of Economic Geologists
Selected for inclusion in Who's Who in America, 41st Ed.

Jonathan F. Callender:
Member, International Review Committee, Gorleben Nuclear Reprocessing and Waste Center, Fed. Republic Germany.
Stephen P. Huestis:
Elected to Sigma Xi.

Raymond V. Ingersoll:
Nominated to American Men and Women of Science.

George R. Jiracek:
Visiting Associate Professor, University of California, Berkeley, October, 1977-March, 1978.
Visiting Senior Geophysicist, University of Utah Research Institute, Earth Science Laboratory, April-August, 1978.

Klaus Keil:
2. Secretary, Commission on Cosmic Mineralogy, International Mineralogical Association.
3. Member, Editorial Board, Journal "Chemical Geology".
4. Vice-Chairman, Lunar Sample Analysis Planning Team, Johnson Space Center, Houston, Texas.
5. Member, Editorial Board, Colorado School of Mines Quarterly, Golden, Colorado.
7. Member, Antarctic Meteorite Working Group, National Science Foundation.
4. Publications

Roger Y. Anderson:


Douglas G. Brookins:


Brookins, D. G., and Hussey, A. M. (1978), Rb-Sr ages for the Casco Bay Group and other Rocks from the Portland - Orrs Island Area, Maine: Geol. Soc. Amer. Prog. w. Abs., v. 10, p. 34.


Jonathan F. Callender:

**ARTICLE:**

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**ARTICLE:**

**PROF. PAPER READ:**
"The Rio Grande rift and the geologic evolution of New Mexico:" Sandia Colloquium, Sandia Laboratories, August 2, invited paper (oral and videotape).

**REVIEW:**
Technical review consultant, Geotectonics, v. 11, n. 6, p. 403-475.

**REVIEW:**
Technical review consultant, Geotectonics, v. 12, no. 1, in press.

**MAP:**

**BOOK:**
Wolfgang E. Elston:


Elston, W. E., Supplemental Road Log No. 5: Little Dry Creek Canyon: Ibid, p. 87-88.


Professional Papers read:

"Relationship of geothermal systems of Lightning Dock KGRA, Hidalgo County, New Mexico to mid-Cenozoic volcanism and


Rodney C. Ewing:


Stephen P. Huestis:


Raymond V. Ingersoll:


Ingersoll, R. V., and Suczek, C. A., 1979, Petrology and provenance of Neogene sand from Nicobar and Bengal fans, DSDP sites 211 and 218: Journal of Sedimentary Petrology, v. 49, in press.

Ingersoll, R. V., 1979, Petrofacies and provenance of the lower part of the Great Valley Sequence, Sacramento Valley, California: Geological Society of America Abstracts with Programs, v. 11, p. 85-86.

George R. Jiracek:


Jiracek, G. R., Electrical evaluation of geothermal prospects in New Mexico Progress Report, 1974-77, in press.

Jiracek, G. R., M. E. Ander, and H. T. Holcombe, Magnetotelluric soundings of crustal conductive zones in major continental rifts; American Geophysical Union Rio Grande Rift Volume, in press.


Hohmann, G. W. and G. R. Jiracek, Bipole-dipole interpretation with three-dimensional models; University of Utah Research Institute Earth Science Laboratory Report Series, in press.


Klaus Keil:


Albert M. Kudo:

ARTICLES

Two articles in press.

ABSTRACTS


Barry S. Kues:

"Polyplacophora from the Salem Limestone (Mississippian) in central Indiana", Jour. Paleontology v. 52, p. 300-310.

"Background information on paleontological resources with special reference to the El Paso/Consolidation Coal Company lease near Burnham, New Mexico", Report to National Indian Youth Council, relative to Civil Complaint No. 78-0223, 25 p.

"Senate Joint Memorial 4 - New Mexico's Paleontological Resources: Report of the New Mexico Paleontology Task Force," Report to the Legislative Finance Committee, New Mexico Legislature, 78 p. (with 8 others).

Gary P. Landis:

Stephen G. Wells:


"Geomorphic Effects of Recent Forest-fire Devegetation, Frijoles Canyon Watershed, Bandelier National Monument, New Mexico", Report of Investigation, Grant No. PX77029-7-0809, NPS-SWRO, USDI, 93 pp.

Lee A. Woodward:


5. Other Research Projects or Creative Work in Progress

Roger Y. Anderson:
Sandia Laboratories Research Grant: Climatic-solution history of the northern part of the Delaware Basin (Los Medanos area), southeastern New Mexico: 12 months, $36,000. Consulting contract to develop and construct deep sea sediment traps for Shimada Sea Mount Investigation, U. S. Geological Survey, Marine Geology Section, Menlo Park, Ca. $9,000.00.


Douglas G. Brookins:

Sponsored Research

Uranium Deposits of the Grants, New Mexico Mineral Belt, $94,700.00 (9/1/76 - 8/31/78), DOE/BFEC.

Rb-Sr and Related Studies of the Castile and Salado Formations, southeastern New Mexico: a) $37,000.00 (1/1/77 - 9/30/78), Sandia Laboratories; b) $47,500.00 (10/1/78 - 9/30/79), Sandia Laboratories.

Clay Mineralogy and Geochemical Studies of East Chaco Canyon Drill Core, $68,400.00 (10/1/78 - 9/30/79) DOE/BFEC.
Hydrogeochemical and Stream Sediment Study of the Socorro, Fort Sumner and Albuquerque Map Sheets, $64,500.00 (10/1/77 - 9/30/78) Los Alamos Scientific Laboratory.

Study of Silicic Precambrian Rocks from the Florida and Zuni Mountains, New Mexico: Uranium Feasibility, $67,400.00 (8/15/77 - 8/14/78).

Nevada Test Site and Related Studies (co-investigator only); $90,000.00 (10/1/77 - 9/30/79).

Geothermal Research – final phases of three year projects with the U. S. Geological Survey and the NM Energy Mineral Division (one of eight investigators; total amount $350,000).

Nonsponsored Research

Continued study of the Oklo Natural Reactor, Gabon (in conjunction with the Los Alamos Scientific Laboratory).

Study of the Precambrian of New Mexico, including the Harding pegmatite, the Sandia Mountains (emphasis on the Rincon area and orbicular granite), Zuni Mountains, Florida Mountains, geothermal studies.

Education for the Public on Radioactive Waste Disposal.

Jonathan F. Callender:

Current:

Compilation of geoscience data relating to direct-heat geothermal potential of New Mexico: N. M. Energy and Minerals Dept., #78-0493, 6/1/78-12/31/78, $16,995 (with G. R. Jiracek).
Evaluation of the geothermal resource in the Albuquerque, New Mexico area: N. M. Energy and Minerals Dept., #78-2135, 7/1/78-6/30/84, $76,874 (co-investigator; G. R. Jiracek, P.I.).


-----, 1979, Young faults and volcanic activity of New Mexico: Technical Applications Center, map and text, in preparation (with W. R. Seager, M. Parchman and T. Kasten).

-----, 1979, Contact metamorphism near the Sandia pluton, central New Mexico: Geological Society of America Bulletin.

-----, 1979, Fabrics in undeformed and experimentally deformed halite: Tectonophysics.


Wolfgang E. Elston:


NSF grant EAR 77-24501, Cenozoic volcanism and extensional orogeny in the New Mexico segment of the Basin and Range Province, $30,100 July 1, 1978 to June 30, 1979.

New Mexico Energy and Mineral Department Grant EMD 77-3104, Application of volcanology to petroleum exploration in southwestern New Mexico, $29,980, March 1, 1978 to June 30, 1979.


Publication submitted or in press:

Rodney C. Ewing:

Unsupported Research Projects
Metamict state and radiation damage in natural materials
Mineralogy of Nb-Ta-Ti oxides
Mineralogy of the Harding Pegmatite

Stephen P. Huestis:
"Best bounds on subsurface temperature distribution from heat flow observations" 9/78 - 9/79, Sandia Laboratories Contract 13-2587-Task 2, $17,000.00
Gravity studies in New Mexico with Mark Ander - supported by Los Alamos Scientific Laboratory.

Raymond V. Ingersoll:


Ingersoll, R. V., in preparation, Petrofacies and provenance of the lower part of the Great Valley Sequence, Sacramento Valley, California: to be submitted to Journal of Geology.

Sandstone petrofacies and provenance of the Santa Fe Group and tectonic evolution of the Rio Grande Rift, New Mexico, 6/1/78-8/31/80, American Chemical Society, Petroleum Research Fund, $10,000.00.

Summer support for students working on sedimentologic—petrologic problems in the Espanola Basin, New Mexico, 5/15/78-8/15/78, New Mexico Bureau of Mines and Mineral Resources, $3750.00.

Travel support to attend 10th International Congress on Sedimentology, Jerusalem, Israel, and Geological Society of
America Penrose Conference, Valberg, France, 6/22/78-7/15/78, American Geological Institute, $500.00.


Continuing work on circum-Pacific arc-trench systems
Continuing work on petrology of deep-marine sands
Continuing work on sandstone petrology of Phanerozoic sandstones of northern New Mexico

George R. Jiracek:
Principal investigator, Energy Research and Development Administration grant EG-77-5-04-4093, Magnetotelluric Soundings Along the COCORP Seismic Profile in New Mexico, 4/1/77-3/31/78, $11,996.


Principal investigator, New Mexico Energy and Minerals Department Grant No. 78-2135, Evaluation of the Geothermal Resource in the Albuquerque, New Mexico Area, 7/1/78-6/30/79, $76,874.

Principal investigator, National Science Foundation Grant No. ERA-7813684, Magnetotelluric Investigations Over
Suspected Magma Bodies in the COCORP Study Area, New Mexico; 10/1/78-3/31/80, $73,400.

Klaus Keil:


6. Research grant from NASA Langley Research Center, Hampton, Virginia, entitled: x-ray fluorescence
1. Analysis of Martian soil via the Viking x-ray fluorescence spectrometer, April 1, 1977–Jan. 30, 1979 .............................................. 36,000.00


12. Research contract with Sandia Laboratories, Albuquerque, NM, entitled "Particle size analysis of powdered oxide samples". March 1–Sept. 30, 1978 ................................. 3,519.00
13. Research contract with Sandia Laboratories, 
Albuquerque, NM, entitled "Shale and tuff in Nevada 
as potential media for disposal of high-level 
nuclear waste". Dec. 1, 1977-Sept. 30, 1978 .... 49,000.00

14. Research grant from NASA headquarters, Washington 
D.C., entitled "The formation and evolution of 
stony meteorites." March 1, 1978-Feb. 28, 1981 .. 145,597.00

15. Research contract with the Jet Propulsion Laboratory, 
Pasadena, California, entitled "Viking Lander 
Inorganic Chemical Analysis," Dec. 1, 1978- 
Feb. 28, 1979 ........................................ 5,475.00

16. Research contract with Sandia Laboratories, 
Albuquerque, NM, entitled "Steam explosion 
experiments." Oct. 1, 1978-March 31, 1979 .... 5,370.00

17. Research contract with Sandia Laboratories, 
Albuquerque, NM, entitled "Shale and tuff in Nevada: 
Potential for nuclear waste disposal." Oct. 1, 1978- 
Sept. 30, 1979 ........................................ 75,876.00

Total grants & contracts in effect 
in the report period ..........................$1,524,441.00

Albert-M. Kudo:
Work on geothermal grant with G. R. Jiracek, Principal 
Investigator, (NMERB Grant).
Proposal sent with G. R. Jiracek (P.I.) for DOE grant on 
Low-Temperature Space Heating Research.
Progress on other research activities.

**Barry S. Kues:**


"Approaches to simultaneous utilization of economic and paleontological resources of the San Juan Basin, New Mexico". Paper in review, New Mexico Geology.

"The teeth of Alamosaurus, a Late Cretaceous sauropod dinosaur from New Mexico". Manuscript in preparation.


"A new Late Pennsylvanian eurypterid from the Lucero Uplift, central New Mexico". Manuscript in preparation.

**Gary P. Landis:**

Completed "Fluid inclusions and petrogenesis of the Harding pegmatite Taos County, New Mexico (C. W. Cook).

Completed "Precambrian Geology and Ore Deposits of the Pecos Mining District, San Miguel and Santa Fe Counties, New Mexico (W. D. Riesmeyer).

Stable isotope geochemistry of selected GT-2 and EE-1 core samples, and of Exp. 176 waters: LASL Contract LX8-4697F-1, 1977-78, $11,254."
Computer based chemical and stable isotope modeling of geothermal systems in New Mexico 7/1/78 - 6/30/79, EMD Project #78-2120, $39,150.00.

Ore genesis at the Tayoltica Ag/Au Mine, Mexico, in relation to the former presence of convective hydrothermal activity: NSF 1/78 - 1/80, $41,234 ($2500 directly to UNM).

Ore genesis of the massive sulfide deposit, Lik Area, Western Brooks Range: General Crude, 12-78 for approximately 2 yrs., $2500 (with Robin Harrover, NMIT).

Stable isotope study of "orbicular" textures in Sandia granite (in progress).

Oxygen isotopes and geochemistry of thermal and related waters of the Lightning Dock KGRA, Hidalgo County, New Mexico (in progress).

Stable isotope systematics of sedimentary uranium deposits in the Grants Mineral Belt, New Mexico (in progress).

Design of new multi-purpose heating/freezing microscope stage for fluid inclusion studies (in progress).

Stephen G. Wells:

Karst Hydrology & Geomorphology in Gypsum Terrain, South-eastern New Mexico, 1977 to present, UNM Research Allocations Committee (1977-78), $1,490.00.

Geomorphic Effects of Forest-fire Dev egetation in the Frijoles Canyon Watershed, Bandelier National Monument, New Mexico, 1977 to present, National Park Service (1977-78), $8,053.00.


Future Research Projects:

with G. R. Jiracek and A. M. Kudo, "Analyses of Geothermal Potential of T or C, New Mexico" to be funded by DOE.

with Sandra Anderson (non-sponsored) "Tectonic Geomorphology of the Taos Plateau, New Mexico".

Lee A. Woodward:


6. Activities in learned and professional societies

Roger Y. Anderson:
Tenth International Congress on Sedimentology: Paper read (in absentia by W. Holser) on: Continuous subaqueous deposition in the Castile Evaporites, Delaware Basin, Texas and New Mexico: Jerusalem, Israel, July, 1978

Douglas G. Brookins:
American Association for the Advancement of Science, Feb. 12-17, 1978; two papers presented: Washington, D.C.
"Behavior of Alkali and Alkaline Earth Elements in Uranium Deposits with Application to Problems of Radioactive Waste Site Selection: I. Oklo"
"Behavior of Alkali and Alkaline Earth Elements in Uranium Deposits with Application to Problems of Radioactive Waste Site Selection: II. The Grants, New Mexico, Mineral Belt"
Northeastern Section of the Geological Society of America, March 9-11, 1978, Boston, Massachusetts
"Rb-Sr Ages for the Casco Bay Group and other Rocks from the Portland-Orrs Island Area, Maine"

American Geophysical Union, Annual Eastern Meeting, April 1-4, 1978, Miami Beach, Fla.
"Rare Earth Element Study of Whole Rocks and Clay Minerals from the Southern San Juan Basin, New Mexico"

Chairied Session on Isotope Geochemistry.
Southwestern and Rocky Mountain Section of the American Association for the Advancement of Science, Apr. 26-29, 1978, Albuquerque, NM. Technical Program Chairman for meeting.

Co-author for four papers:

"Geochemical Study of the Harding Pegmatite and Related Granites"

"Uranium, Rare Earth and other Trace Element Distribution in the Hope Buttes"

"The effectiveness of Organic Acids in Providing Uranium Mineralization in the Grants Mineral Belt, New Mexico"

A Scanning Electron Microscopic Study of the Mount Taylor Uranium Deposit, Valencia County, New Mexico"

New Mexico Institute of Chemists Ann. Awards Meeting, Apr. 14, 1978, Santa Fe, NM. Presentation of award with statement to Dr. Robert Ratliff, Los Alamos Scientific Laboratory.

Co-author of paper presented at the International Association of Exploration Geochemistry, April 9-10, Denver, Colorado.


"Uranium Deposits and Spent Fuel Rods" (invited paper)

"Rb-Sr Systematics and Related Studies of the Salado and Castile Formations, New Mexico"

Chaired Session on Radiogenic Isotopes in Geology

invited paper "Thermodynamic Considerations Underlying the Migration of Radionuclides in Geomedia: Emphasis on Oklo"

American Geophysical Union, Annual Western Meeting, Dec. 4-8, 1978, San Francisco, Calif.

"Radiogenic Heat Contribution to Heat Flow from K, U, Th in the Precambrian Silicic Rocks of the Zuni Mountains, New Mexico"

"Geochemical Studies of the Harding Pegmatite and Related Granites" (co-author)

"Lanthanide and Actinide Migration from Oxidized Uranium Deposits" (invited paper)

Chaired two sessions on "Trace Element Migration by Fluid Flow: I and II."

Committees

Chairman, Honor Scroll Committee, NM Inst. Chemists
Elected Counselor, NM Inst. Chemists
Technical Program Chairman, Southwestern and Rocky Mountain Section of AAAS.

Editorial Board, Geology

Editorial Board, Colorado School of Mines Quarterly Bull.

Reviews

Reviewed papers for Precambrian Geology, Geology, Amer. Assoc. Petrol. Geol.
Reviewed six proposals for NSF, three for ACS-PRF.

Jonathan F. Callender:

Meetings attended: N. M. G. S. Spring field conference; International Symposium on Rio Grande rift.


Other professional activities:

President, N. M. Geol. Soc. (850 members)
President, UNM chapter, Sigma Xi
Editor, N. M. Geol. Soc. Guidebook 29 (400 p.)
Registration, Field trip and Poster session chairman, International Symp. on Rio Grande rift.

Project Correspondent, U. S. Geodynamics comm.

Visiting Staff Scientist, Los Alamos Scientific Labs Technical review consultant, American Geophysical Union

Member, Program Committee, Rio Grande Rift Symp. (and reviewer for Symposium Volume, AGU)

Reviewer, Geology and G.S.A. Bulletin

Wolfgang E. Elston:

Attended 74th Annual Meeting, Cordilleran section, Geological Society of America, March 29-31, Tempe, Arizona. Co-chaired session on Volcanology II: Regional Studies (co-authored paper with E. G. Deal) "Relationship of geothermal systems of Lightning Dock KGRA, Hidalgo County,
New Mexico, to Mid-Cenozoic volcanism and Late Cenozoic Basins and Range faulting. Paper read by E. G. Deal.


Co-Editor and Field Trip Leader, Second and Third Days, Spring Meeting, New Mexico Geological Society, Datil-Mogollon Volcanic Field, May 18-20, 1978.


Rodney C. Ewing:

Meetings attended:


American Association for the Advancement of Science, Section Meeting, Albuquerque, New Mexico, April 27-29. Chairman of a session.

Professional Committees and Societies: New Mexico Geological Society, Executive Committee, Secretary - 1978; Corresponding Member of Canadian Com. on the History of Geological Sciences; New Mexico Geological Society, Grants-in-Aid Committee; American Mineralogist, Board of Associate Editors, 1979-1982.

Reviewed Papers or Proposals for: National Endowment for the Humanities; American Mineralogist; Canadian Mineralogist

Stephen P. Huestis:


New memberships: Fellow, Royal Astronomical Society

New Mexico Geological Society
Raymond V. Ingersoll:

Attended fieldtrip to Atoka Formation of Arkansas, Geological Society of America, South Central Section, Tulsa, Oklahoma.

Attended Geological Society of America, Cordilleran Section annual meeting, Tempe, Arizona.

Read professional paper at Geological Society of America, Cordilleran section meeting, Tempe, Arizona.

Chairperson, Technical Session: Tectonics III, Geological Society of America, Cordilleran Section, Tempe, Arizona.


Attended International Congress on Sedimentology, Jerusalem, Israel.

Read professional paper at Tenth International Congress on Sedimentology, Jerusalem, Israel.

Attended International Rift Symposium, Santa Fe, New Mexico.

Attended fieldtrip to the northern part of the Rio Grande Rift, Denver to Santa Fe, International Rift Symposium.

Attended fieldtrip to the Espanola Basin, New Mexico, International Rift Symposium.

Attended 29th annual fieldtrip of the New Mexico Geological Society to southwestern New Mexico and southeastern Arizona.
George R. Jiracek:

Member, Society of Exploration Geophysicists Geothermal Committee, 1977-78

Member, State of New Mexico Advisory Team, Southwestern Regional Geothermal Development Operations Research Project.

Presented Paper, "Magnetotelluric studies of the COCORP study area in New Mexico", to Department of Geology and Geophysics, University of Utah, Salt Lake, February 9, 1978.


Co-represented State of New Mexico at DOE Rocky Mountain/Basin and Range geothermal workshops in Salt Lake City, Utah, April 26, 1978 and June 28, 1978.


Klaus Keil:

1. Secretary, Commission on Meteorites, International Union of Geological Sciences
2. Secretary, Commission on Cosmic Mineralogy, International Mineralogical Association
George R. Jiracek:

Member, Society of Exploration Geophysicists Geothermal Committee, 1977-78

Member, State of New Mexico Advisory Team, Southwestern Regional Geothermal Development Operations Research Project.

Presented Paper, "Magnetotelluric studies of the COCORP study area in New Mexico", to Department of Geology and Geophysics, University of Utah, Salt Lake, February 9, 1978.


Co-represented State of New Mexico at DOE Rocky Mountain/Basin and Range geothermal workshops in Salt Lake City, Utah, April 26, 1978 and June 28, 1978.


6. Meteoritical Society Meeting, Sudbury, Ontario, Canada. Co-authored four (4) talks on "Physical properties of individual chondrules from ordinary chondrites"; "Chemical-petrological comparison of individual chondrules from the Chaînpur (LL3) and Tieschitz (H3) chondrites"; "Bulk composition and textural trends of chondrules from H3 to H6 chondrites"; and "Composition
and recrystallization of the matrix of unequilibrates (Type 3) ordinary chondrites." August 14-17, 1978.


Albert M. Kudo:

Attended & presented paper, Geol. Soc. America, Annual Meeting in Toronto, Canada.

Attended Rio Grande Rift Symposium in Santa Fe.
Barry S. Kues:
Attended annual field conference, New Mexico Geological Society.

Stephen C. Wells:
Papers presented:
"Geomorphic Framework of an Open Drainage Basin in the Basin
and Range Province of Southwestern Arizona", presented at
"Process and Patterns of Wash Sedimentation and Quaternary
Alluvial Fan Building on Piedmont of the Sonoran Desert,
USA", presented at 10th International Congress of Sedimen-
tology, Jerusalem, ISRAEL.
"Surficial Geologic Responses to Forest-fire Devegetation in
Meeting in Toronto, CANADA (with W. White).

Meetings Attended:
9th Annual Geomorphology Symposium, SUNY-Binghamton, NY,
Field Conference of Friends of Pleistocene to discuss
"Fluvial History of Mojave Desert".

Lee A. Woodward:
Member of Membership Committee of Geological Society of
America, attended meetings in April and October 1978,
Boulder, Colorado.

Member of Joint Technical Program Committee of Geological
Society of America.
Associate Editor of Bulletin of Geological Society of America.

Member of Advisory Board of New Mexico Energy Institute at New Mexico Tech (Fossil Fuels), attended meeting June 1978, Socorro, N.M.

7. Other professional activities

Roger Y. Anderson:

U. S. Geological Survey, Geologic Division, Program of Continuing Education; Faculty lecturer in 4-day Short Course on Marine Evaporites; Denver, CO, Jan. 16-20, 1978.


Review of manuscripts for journal Limnology and Oceanography: Lau, Y. L., Laboratory study of cylindrical sediment traps.

Review of research proposal for National Science Foundation: Mann, C. J., Development of an optimum technique for defining correlative stratigraphic sequences and evaluation of existing quantitative geologic correlation methods.

Douglas G. Brookins:

Consultant for Sandia Laboratories

Visiting Staff Member, Los Alamos Scientific Laboratory

Consultant, Department of Energy

Reviewed chapters for "Geochemistry" (A. H. Brownlow; Prentice-Hall)

Reviewed "Physical Geology" (Larson et. al.; Harper and Row)
Participated in International Workshop on Geothermal Energy, LASL.

Jonathan F. Callender:


Consultant to Sandia Laboratories; Los Alamos Scientific Laboratories; State of Lower Saxony, F.R.G.

Wolfgang E. Elston:

Invited guest speaker, University of Houston, April 10-11, 1978. Lectures on "Volcanism in southwestern New Mexico" and "Evolution of the Basin and Range Province".


Made reconnaissance visit to Springerville volcanic and geothermal field, preparatory for future studies, with Dr. E. W. Wolfe and C. Condit (U. S. Geological Survey) and L. S. Crumpler and J. C. Aubele (University of Arizona), June 27-29, 1978.
Guided field trips through volcanic areas of New Mexico for Dr. Peter Francis and Dr. Richard Thorpe, The Open University, England, January 22-23 and Dr. Vladimir Major Zagreb University, Yugoslavia, October 23, 1978.


Reviewed research proposals for the National Science Foundation, and NASA.

Edited and reviewed papers for Geological Society of America Special Paper on Ash-Flow Tuffs (Co-editor: C. E. Chapin), wrote Introduction.

Led student field trips, October 22-25, and November 2, 1978.

Consulting work for the mining industry.

Member, Selection Committee, Best Earth Science Teacher of the Year, Southwest Section, National Association of Geology Teachers.

Rodney C. Ewing:

Consultant for Sandia Corporation

Editorial Consultant for Wadsworth Publishing and Prentice-Hall, Inc.

J. Paul Fitzsimmons:

Talk at Kirtland Base, July 20, 1978 to Energy Resources Seminar.
Raymond V. Ingersoll:
Spent day at New Mexico Bureau of Mines and Mineral Resources, Socorro, New Mexico.
Fieldtrip to western Arizona.
Fieldtrip to southeastern Arizona.
Day trip to Denver, Colorado to visit U. S. Department of the Interior (Bureau of Land Management and Geological Survey).
Spent day at New Mexico Bureau of Mines and Mineral Resources, Socorro, New Mexico.
Reviewed manuscript for the Geological Society of America Bulletin.
Reviewed manuscript of textbook for Prentice-Hall, Inc.
Spent day at the University of Arizona, Tucson, Arizona.
Gave talk at the University of Arizona, Tucson, Arizona.
George R. Jiracek:
Consultant, Sandia Laboratories and Los Alamos Scientific Laboratory.
Reviewed proposals for National Science Foundation
Reviewed papers for Geophysics Journal
Geothermal interviews with Lobo (U.N.M. student newspaper) and Albuquerque Journal
Wrote New Mexico State Geothermal Resources section in DOE Regional Hydrothermal Commercialization Plan
Represented University of New Mexico at Direct Geothermal Heat Applications planning sessions, Las Cruces, May 3 and September 21, 1978.


Klaus Keil:

1. Consultant, Sandia Laboratories, Albuquerque, NM.
2. Reviewed five lunar sample proposals submitted to NASA for funding.
3. Reviewed 11 scientific papers submitted for publication to the American Mineralogist; Earth & Planetary Science Letters; Geochimica et Cosmochimica Acta; Meteoritics; and Science.
4. Leader of the Ibitira meteorite consortium.
5. Co-leader of the Serra de Mage and Governador Valadares consortia.
6. Several interviews with Lobo, Tribune and Albuquerque Journal regarding space research in the Institute of Meteoritics.
7. Visiting Professor; Institute of Geosciences, University of Sao Paulo, Sao Paulo, Brazil. Nov. 6-23, 1978.
10. Interview with NASA radio program coordinator on space research in the Institute of Meteoritics. This interview was broadcast by over 1,000 radio stations across the USA.
11. Hosted and organized visits of the following scientists to UNM, most of which presented seminars:

a. Prof. Celso B. Gomes, Institute of Geosciences, University of Sao Paulo, Sao Paulo, Brazil, Jan. 10-August 1, 1978.


e. Dr. Al Lappin, Sandia Laboratories, Albuquerque, NM, Feb. 6, 1978.


h. Dr. David Joy, Bell Laboratories, Murray Hill, NJ, April 12, 1978.


o. Prof. W. V. Engelhardt, Dept. of Mineralogy, University of Tubingen, Tubingen, West-Germany, August 31-Sept. 3, 1978.


q. Dr. W. Boynton, Dept. of Planetary Sciences, University of Arizona, Tucson, AZ, October 5-6, 1978.


Albert M. Kudo:
Consultancy, Teaching, Sandia Corp., April 1978.

Barry S. Kues:
Talk to Albuquerque Archeological Society, on fossils of northwestern New Mexico (Jan. 17).
Talk to Conservation Committee, New Mexico Senate, on fossils of New Mexico (Feb. 2).

Talk to Albuquerque Rockhound Club on vertebrate fossils (Feb. 7).

Talk to Legislative Finance Committee, New Mexico Senate, on New Mexico fossils and need for a natural history museum (Feb. 8).

Talk to class of Armijo Elementary School on paleontology and careers in geology (Feb. 23).

Talk at Albuquerque Gem and Mineral Society Annual Show on invertebrate fossils of New Mexico (Apr. 9).

Talk to Los Alamos Geological Society on fossils of the San Juan Basin, New Mexico (Apr. 18).

Talk to Santa Fe Lions Club on fossils of the San Juan Basin (Apr. 19).

Talk to Manzano High School honors class on marine biology and oceanography (May 2).

Talk to Albuquerque Chapter of Mensa on fossils of the San Juan Basin of New Mexico (June 17).

Talk to Albuquerque Gem and Mineral Society on San Juan Basin vertebrate fossils (June 26).

Participated in Cities Service Co. clastics fieldtrip to examine Pennsylvanian clastic sediments in the Mora-Taos area (Aug. 11-12).

Talk to U.N.M. Community College Study of Albuquerque class, on fossils of the Albuquerque area (Sept. 13).
Talk to Legislative Finance Committee, New Mexico Legislature, on the importance of New Mexico's fossils and the need for protective legislation and a natural history museum (Oct. 5).

Led field trip to the Bisti, New Mexico area, for members of the Legislative Finance Committee (Oct. 6).

Talk to Manzano High School honors class on the history of life (Oct. 19).

Consulted with New Mexico State Highway Dept. on fossils found along a proposed road expansion project, in the Alamo Navajo Reservation (Oct. 25).

Identification of shells used on ancient Indian jewelry for Maxwell Museum (Nov. 3).

Review of manuscript for Prentice-Hall publishing company - "An Introduction to the Study of Fossils", a new paleontology textbook (Nov.-Dec.)

Gary P. Landis:

Hosted Visitors: Ron Churchill, Univ. of Minn., 8/12/78; Richard DeVoto, Colo. School of Mines (AAPG Distinguished Lecturer) 11/28/78; F. J. Sawkins, Univ. Minn., 1/10/78; D. I. Norman, Geologic Institute, Oslo, Norway (now at NMIMT) 1/9/78; J. Bowman, Univ. Utah, 3/31/78; A. Heyl, U.S.G.S., Denver, 5/1/78; Robert O. Rye, U.S.G.S., Denver, 6/22/78; Bruce Waltham, Freeport Exploration, 11/30/78.

Talk, October 18, to Geology Dept., NMIMT: "Pasto Bueno Tungsten-Base Metal Deposit: An Update"
Talk, Nov. 16, to Geology Dept., UNM (Geol. 401): "Pasto Bueno Tungsten-Base Metal Deposit: An Update"

Stephen G. Wells:
Presentation of "Geologic Effects of Forest-fire Dovectation" to Los Alamos Geological Society, 11/78.

Lee A. Woodward:
Reviewed National Science Foundation proposals for research grants.

8. Non-teaching University service:

Roger Y. Anderson:
Chairman, University Committee on Paleoecology.

Douglas G. Brookins:
Talk "Oklo: An Up-Date" to Dept. Geology, UNM, Seminar, Feb. 1978.
Talk "Geochemistry of Uranium Deposits" to Physical Sciences, Florida Int. Univ., April 1978.
Talks on chemistry and geology to Manzano Day School and Sandia Preparatory School.


Host for 15 Interviewers from Industry, 1978.

Tours of the Grants Mineral Belt for geoscientists from LASL, Savannah River Labs., and Students.

Informal workshops, assistance for geologists from ARCO, UNC, TETON, on uranium problems.

**UNM Duties:**

Departmental Chairman

Departmental Committees; a) Admissions, b) Planning, c) Examinations, d) Comparison of UNM with other Geoscience Depts.

Supervisor of 2 Ph.D. and 6 M.S. Candidates; Advisory Committee for 15 others.

**Jonathan F. Callender:**

University Research Policy Comm. (Chm., Subcommittee on Research Budget); Freshmen Orientation Program.

Department: Chm., Undergrad Curriculum Comm.; Library liaison; Supervisor, thin section lab and reading room; Comm. on Examinations; Dept. Review Comm.; Undergraduate and graduate advisor; M.S. and Ph.D. thesis advisor and chairman.

Other: Member, Ph.D. Committee, Princeton University
Wolfgang E. Elston:
Chairman of 2 Ph.D. and 5 M.S. Committees.

Rodney C. Ewing:
UNM Ambassador's Program
Faculty Senate 1978-1980
Senate Committee on Research Policies and Resources 1978-1979
Faculty Research Policy Committee 1978-1979
Overhead & Budget Subcommittee of the Research Policy Committee 1978-1979
Honors Council 1977-1978
Graduate Admissions Committee 1974-1978
Undergraduate Curriculum Committee 1977-1979
Scholarship Committee 1978-1979
Supervision of Harding Pegmatite Mine property
Supervision of X-ray laboratory facilities
Graduate Advisor to 3 M.S. level students and member of 12 M.S. committees and 2 Ph.D. committees.

J. P. Fitzsimmons:
Undergraduate advisor

Stephen P. Huestis:
Undergraduate Curriculum Committee – Geology Dept. – 1977-present
Doctoral Committee Co-chairman – Mark Ander
Raymond V. Ingersoll:
Member, Geology Department Graduate Curriculum Committee
Member, Geology Department, Field Exam Committee
Member, 22 thesis and dissertation committees
Chairman, 7 thesis committees
Graduate and undergraduate advisor.

George R. Jiracek:
Major advisor to four M.S. and two Ph.D. students.
Arranged for four U.N.M. graduate students to attend University of California, Berkeley while on sabbatical leave there.
Oral comprehensive exam committees for two University of California, Berkeley graduate students.

Klaus Keil:
2. Chairman and member of several theses and dissertation committees in the Department of Geology.
3. Member of the A & S Committee on Academic Programs.

Albert M. Kudo:
Chairman of UNM Science Colloquium Committee; Chairman of UNM-Sandia Colloquium Committee; Member of Graduate Committee in COE; Chairman of two M.S. Thesis Committees; Member of several M.S. & Ph.D. Committees and Graduate Admissions Committee.
Barry S. Kues:
Advisor to undergraduate and graduate students; participation in several intradepartmental committees.

Gary P. Landis:
College of Arts & Sciences Graduate Committee; Geology Department Graduate Committee (Chairman); Committee Member on 16 thesis committees and 4 dissertation committees.

Stephen G. Wells:
Graduate Admissions Committee, Geology Dept.; Scholarship Committee, Geology Dept.; Faculty Advisor to: D. W. Love, Ph.D.; S. Anderson, M.S.; J. Schultz, M.S.; W. White, M.S.; A. Gutierrez, M.S.; C. Blum, M.S.; S. Laubach, M.S.

Lee A. Woodward:
Supervisor for 6 M.S. theses and 1 Ph.D. dissertation. Member of A & S Promotion Committee for Natural Sciences.

9. Public Service

Roger Y. Anderson:
Lecture - League of Women Voters, April, 1978, Geology of WIPP site; Lecture - C.A.N.T. and other groups, Sept., 1978, Geology of WIPP site, 2 Sunday services, lecture-discussion) Unitarian Church, Laguna Beach, CA.

Douglas G. Brookins:
Temple Albert Board of Trustees
Temple Albert, Religious School Committee, Chairman
Jewish Community Center, UJA Work
Information and public comments to League of Women Voters.
Jonathan F. Callender:
Many of items in #7 (above) are in part public service. In addition, talks at Sunday School classes and APS. Community College course, Geology of New México.

Wolfgang E. Elston:
Member, Advisory Board, Explorer Post 296, Boy Scouts of America.
Gave advice to the public on mineral deposits and local geology.

Rodney C. Ewing:
Talks to: Albuquerque Gem and Mineral Club, "Radioactive Minerals" February 27, 1978
Los Alamos Geological Society, "Mining History of Harding Pegmatite" July 18, 1978
Blue Key, UNM, "Review of Radioactive Waste Forms" November 14, 1978
Chemical Engineering 470, "X-ray Diffraction" October 11, 1978

Klaus Keil:
1. Many private showings of moon rocks to interested citizens, school classes, civic groups, etc.
2. Many private showings of the meteorite museum to interested citizens, school classes, civic groups, etc.

5. Served as juror for Bernalillo County, Sept. 1978.

6. Investigated without charge many rocks suspected to be meteorites and brought to the Institute by citizens.

Albert M. Kudo:
P.T.A. President, Grant Middle School; teaching origami & geology to several elementary and middle schools in APS.

Barry S. Kues:
Vice-chairman, Governor's Task Force on Paleontology.

Gary P. Landis:
Boy Scouts (Cub Scouts) Committee Member
Elementary School PTA
Church Bible School
Talks to elementary school classes
Host tours to Cub dens in Geology Dept.
Geologist Badge for Webelos
Dad on campouts and other outings
Sponsors of Regional Science Fair
Judge of Regional Science Fair

Stephen G. Wells:
Chief Scientist for Cave Research Foundation.
Editor of Annual Report for Cave Research Foundation, submitted to National Park Service.
The Annual Report of the Institute of Meteoritics
July 1, 1978 to June 30, 1979
Klaus Keil, Director

I. General Departmental Information

A. The Institute of Meteoritics, during the present report period, has continued to develop vigorously as one of the most active institutions in the research and teaching of Cosmochemistry and Planetary Geology in the world. Major activities in the Institute concern research, teaching, and public service.

Research activities of staff and students of the Institute of Meteoritics cover a wide range of topics and can be categorized into the following six (6) areas.

1. In past reports, the involvement of the Institute and its staff and students in the analysis of Martian soil samples via a miniturized X-ray fluorescence spectrometer on board the two Viking Mars Landers has been described in detail. This flight research program was completed in March, 1979, and we proposed to NASA a new follow-up program entitled "Chemical weathering on Mars: Theoretical and terrestrial analog studies of possible processes and products". This program was funded by NASA and is the logical extension of the work previously done as part of the Viking Flight to Mars. It involves a program of integrated theoretical, field, and laboratory research that will be used to provide a sound theoretical framework for the development and evaluation of chemical and mineralogical models of the Martian surface, and contribute to the complete interpretation of Viking XRFS results through the collection and mineralogical/geochemical characterization of terrestrially weathered mafic igneous rock materials which may resemble those expected to occur on Mars. Theoretical work will expand our previous effort directed toward defining, through thermodynamic calculations, the expected stability relationships among
candidate mineral weathering products on Mars, with special attention given to possible mechanisms for the production and preservation of clay minerals and hydrated salts. Field and laboratory studies will focus on the detailed mineralogical and chemical analysis (by optical microscopy, scanning electron microscopy, electron microprobe analysis, x-ray diffraction, and other suitable techniques) of terrestrial basaltic rocks which have been weathered subaerially in arid environments (including high-altitude deserts such as the summit of Mauna Kea, Hawaii), or catastrophically by maar- and Jokulhlaup-type volcanic eruptions involving the vigorous interaction between magma and groundwater or ice. Documented suites of selected rock materials will be used in the further calibration of flight-type Viking XRFS instruments which are being used to reproduce the x-ray fluorescence spectra returned from Mars.

2. A second extensive research program involves the study of meteorites (NASA-supported). The main goal of our research is to understand the origin and evolution of stone meteorites and their parent bodies. We design specific research projects to illuminate one of more of the numerous processes that operated to produce the meteorites and planets. During the report period, we completed projects geared to determining the origin of chondrules in ordinary chondrites, employing both observations of real chondrules (bulk compositions, petrology) and experiments on synthetic compositions. The results suggest that chondrules formed from materials that had been mixed together, then melted; the cooling of the chondrule melts may have included a period of constant temperature, followed by quenching. We also investigated the effects of thermal metamorphism in ordinary chondrites by measuring the bulk compositions of chondrules in a suite of H3 through H6 chondrites and by making a detailed petrologic study of the matrices of unequilibrated ordinary
chondrites. The results indicate that the petrographic sequence was established by metamorphism, but they also emphasize that primary differences exist among the precursor rocks for type 3 through type 6 chondrites. We also demonstrated that the Shaw meteorite consists of impact-melted and metamorphic lithologies. In the future, we will emphasize the origin of chondrites (the whole rocks, not just the components in them), details of the metamorphism of chondrites, chondrite thermal histories, and studies of achondrites. Specific projects include the petrology and thermal histories of chondritic breccias; the detailed petrology of unequilibrated ordinary chondrites; a theoretical, experimental, and observational study of the grain sizes of the minerals in chondrites; the thermal histories of a suite of types 3 through 6 ordinary chondrites; and the age and origin of achondritic melt rocks.

3. A third major area of research is the study of lunar rocks (NASA supported). The goals of this work are to elucidate the petrogenesis of the rocks that formed the original crust of the moon and to characterize and determine the origin of mare basalts. Our work during the report period centered around mare basalt petrogenesis (combining trace element data with petrologic data) and regolith dynamics (as revealed by a comprehensive petrographic study of the Apollo 17 drill core). By combining trace element analyses obtained by INAA with detailed mineralogy and petrology we inferred the major characteristics of the source areas of Apollo 17 high-Ti mare basalts, Apollo 17 very-low Ti mare basalts, and Luna 16 aluminous mare basalts. We also developed a model for the depositional history of the regolith sampled by the Apollo 17 drill core; the model is based on modal analyses of a continuous string of thin sections down the core and on the principles of cratering dynamics. In
the future, our work will place more emphasis on the petrogenesis of pristine highland rocks. This work will entail identification of pristine clasts in Apollo 16 and 17 breccias, separation of these clasts, and organization of consortia to study them. The initial group of rocks we will work on include 60035, 64475, 67915, 67210/5, 77517 and 77538. In studying these clasts we will pay special attention to the textures and mineralogies of those pristine rocks with their original textures apparently preserved and to rocks with evolved compositions (such as sodic ferrogabbro clasts in 67915 and immiscible-melt clasts in 77538).

4. Another major area of NASA-supported research in the Institute of Meteoritics is the experimental study of nucleation kinetics of supercooled silicate melts. The aim of this work is to understand the relationships between cooling rate, degree of supercooling, composition and texture of silicate melts, with special emphasis on the origin of meteoritic chondrules (millimeter-sized silicate spherules thought by some to represent the building blocks of the planets in our solar system). In particular, in the report period, evidence was accumulated for an isothermal event in chondrule history. Three haplochondritic melts were experimentally examined to investigate thermal parameters in the pre-accretionary chondrule environment. The melts in the form of 2 mm diam. spherules, were subjected to cooling rates of 275-450°C/hr and held at ~1400°C for up to 90 min. or continuously cooled to ~600°C. A fractional crystallization model designed to incorporate the effects of lattice diffusion in olivine but not volume diffusion of magnesium or iron in the melt was found to yield results in excellent agreement with one of our experimental compositions most similar to chondrules.
Application of this fractionation/diffusion model to chondrules analyzed from the Tieschitz (H3) chondrite indicates that chondrule mean phenocryst compositions are too fayalitic to have been derived from a continuous cooling event but can be explained by the incomplete homogenization of the phenocrysts and equilibration with residual melt in some isothermal regime. Based on initial cooling rates of 100-300°C/hr, as indicated by crystal morphology, this temperature is > 1300°C. Phenocryst/groundmass textural relationships observed in some chondrules in the Tieschitz and Bremervörde (H3) chondrites are similar to features observed in the quenched isothermal charges, supporting an initially slow cooling with a subsequent abrupt increase in the cooling rate. This thermal model, if applicable to all liquid-droplet chondrules, can explain the dependency of texture on composition.

5. A great variety of individual research projects on the mineralogy, petrology and geochemistry of mafic and ultramafic terrestrial rocks are being carried out in the Institute of Meteoritics and constitute a major area of thesis - and dissertation topics. Special areas of interest are basaltic rocks drilled from the Ocean floor, and from the Hawaiian Islands, in an attempt to understand their petrogenesis and evolution. In the report period, special emphasis was given to study of melilitic nephelinites from Oahu, Hawaii, rocks whose magmas were generated at great depth. Also, thesis work on basaltic rocks from New Mexico is a major activity.

6. A major, Sandia - Laboratory - supported research activity in the report period has been the study of tuff and shale in the State of Nevada as potential media for the disposal of high-level nuclear waste. These studies included extensive laboratory work (bulk and trace element analyses; optical microscopy and electron microprobe work) and,
particularly, most extensive literature study and field work. The literature study concerned a detailed inventory of silicic volcanic tuff in the four counties surrounding the Nevada Test Site (Nye, Lincoln, Esmeralda and Clark Counties), as well as a survey of the occurrences of shale of all geological ages in the United States. Furthermore, a field study was carried out of the suitability of shale occurrence as potential media for the disposal of high level nuclear waste in Northern Nye County, Nevada.

Research in these areas has resulted in the publication of twenty-four (24) articles in major international and national, reviewed journals, as well as the publication of nine (9) abstracts of papers presented at major international and national conferences. Furthermore, staff and students of the Institute of Meteoritics presented the results of their research in the form of twenty-nine (29) professional papers presented before major national and international scientific meetings. We were also successful in attracting many research grants and contracts to the Institute in support of the research areas outlined above. During the report period, grants and contracts totalling $1,519,152.00 were in effect in the Institute of Meteoritics.

Teaching activities of the Institute of Meteoritics staff concerned formal classes in meteoritics and cosmochemistry, opaque ore microscopy, electron microprobe analysis, high-level nuclear waste disposal, modern analytical techniques in geology and three sections of physical geology. (The latter by R. Warner, J. Berkley and W. Mansker). In addition, a great deal of emphasis was given to the direction of graduate student research projects, problem courses and dissertations. Furthermore, a number of undergraduate students have actively participated in research with staff members of the Institute of Meteoritics. Two students, Gary Huss and Gayle Lux, completed M.S. theses in the Geology Department with research done in the Institute of Meteoritics.
Public service activities of members of the staff of the Institute as well as students are largely devoted to maintenance and enlargement of the Institute's outstanding collection of meteorites, and making specimens available for research by Institute members as well as colleagues in the USA and abroad. Many special, private showings of the Collection, the Museum, as well as lunar samples were given, frequently on weekends and after-duty hours. Furthermore, many public lectures on meteorites, lunar geology, high-level nuclear waste disposal were given in the State of New Mexico, the US and abroad. Finally, many rocks suspected to be of meteoritic origin and brought to the Institute by the public were analyzed without charge, and major efforts were made to educate the interested public in the recognition and recovery of meteorites.

The international and national reputation of the Institute is further documented by the many national and international visitors that came to the Institute during the report period, for the purpose of study and lectures. These were:

1. Prof. C.B. Gomes, Institute of Geosciences, University of São Paulo, São Paulo, Brazil.
2. Dr. Martin Prinz, Dept. of Mineralogy, American Museum of Natural History, New York, N.Y.
3. Dr. R.V. Fodor, Dept. of Geology, North Carolina State University, Raleigh, N.C.
5. Dr. John Healey, Sandia Laboratories, Albuquerque, N.M.
6. Prof. W.v. Engelhardt, Dept. of Mineralogy, University of Tübingen, Tübingen, West-Germany.
7. Drs. Merkle and Travis, University of Nebraska, Lincoln, Nebraska.
9. Prof. Vladimir Majer, Dept. of Geology, Zagreb University, Zagreb, Yugoslavia.
14. Mr. Gene Jarosewich, Smithsonian Institution, Washington, D.C.
During the report period, the following staff was employed in the Institute of Meteoritics.

Dr. Klaus Keil, Director
Mary Fillmon, Secretary
Dr. G.J. Taylor, Senior Research Associate
Dr. R. Warner, Research Associate
Dr. J. Berkley, Post-doctoral Fellow
Dr. C. Allen, Post-doctoral Fellow
Dr. R.V. Fodor, Visiting Scholar
D. Lange, Staff Scientist
D. Krier, Staff Scientist
G.H. Conrad, Microprobe Specialist
J. Allen, Preparator
S. Barker, Graduate Research Assistant
J. Connolly, Emmanuel
G. Huss, Lux
R. Nielsen, W. Mansker
H.N. Planner, A. Rubin
S. Wentworth

J. Dean, Undergraduate Research Assistant

Except for the Director, the Secretary, the Senior Research Associate (50%), the Staff Scientist (50%) and the Microprobe Specialist, salaries for all other employees including student research assistants, were entirely derived from outside grants (NASA, Sandia Laboratories).

B. Significant Plans and Recommendations

One important and urgent need for the Institute is the addition of a full-time, permanently employed, Ph.D level Research Associate. The present permanent scientific staff of the Institute consists only of the Director, the Senior Research Associate, and the Staff Research Scientist (1/2 time). All other scientific personnel is on contract and grant salaries. The addition of a permanent Research Scientist to the staff would allow us to increase our involvement in sponsored research and the cost would ultimately be off-set by increased outside funding that a new person could attract. Specifically, we would like to get involved on a large scale in the study of oceanic basalts drilled from the ocean
floor, a project that the present scientific personnel could not do justice to, without neglecting other duties. Consideration of an additional Research Associate (Ph.D) for the Institute of Meteoritics is therefore urgently requested.

A further and most important need in the Institute of Meteoritics is the modernization and acquisition of new, major pieces of equipment. Since then appointment of the present Director of the Institute (1968) which carried with it a one-time UNM allotment of $50,000.00 in matching funds for the purchase of our electron microprobe, the purchase of not a single piece of equipment in the Institute of Meteoritics has been supported by UNM seed or matching funds. Yet, hundreds of thousand of dollars worth of research and teaching apparatus has been acquired on outside grant funds. However, it is becoming increasingly difficult to justify purchase of major pieces of equipment without UNM contributions. One piece of equipment that is urgently needed not only in the Institute but the Geology Department as well, is a scanning electron microscope. We have written a $75,000.00 grant application to NASA for the acquisition of such a tool, without having matching UNM funds. If this grant application should not be approved, a UNM contribution will be requested to increase our chances of outside funding. It is imperative that such UNM support will be provided so that staff of the Institute (and Department of Geology) can continue to function as leaders in research and teaching of cosmochemistry and planetary geology.

II. Composite of Individual Biographical Supplements.

A. Advanced Study

J.L. Gooding

1. Continued progress toward Ph.D. degree in Geology, with research done in the Institute of Meteoritics

G.R. Huss

1. Received M.S. degree in May, 1978, in the Department of Geology, with research done in the Institute of Meteoritics. Thesis title: The matrix
of unequilibrated ordinary chondrites: Implications for the origin and subsequent history of chondrites.

G. Lux

1. Received M.S. degree in December, 1978 in the Department of Geology, with research done in the Institute of Meteoritics. Thesis title: Bulk composition, mineralogy and petrology of chondrules in type H3 to H6 chondrites.

W. Mansker

1. Continued progress towards Ph.D. degree in Geology, with research done in the Institute of Meteoritics.

H.N. Planner

1. Continued progress towards Ph.D. degree in Geology, with research done in the Institute of Meteoritics.

S. Wentworth

1. Continued progress towards M.S. degree in Geology, with research done in the Institute of Meteoritics.

B. Sabbaticals, Leaves of Absence, Summer Teaching Elsewhere, Travel, etc. During period.

Klaus Keil

1. San Diego, California. Planning session of the Abebe meteorite research consortium, Chemistry Department, University of Calif., La Jolla, July 6-9, 1978.


6. São Paulo, Brazil. Taught 2 week course at the University of São Paulo on "Geological aspects of nuclear waste disposal", carried out research on Brazilian meteorites; discussed with publisher details on the publication of a book on "Brazilian stone meteorites", and discussed UNM-University of São Paulo cooperative agreement with the Vice-Rector of the University of São Paulo, November 6-23, 1978.


G. J. Taylor


R. D. Warner


G. Lux


W. Mansker


S. Wentworth


C. New Scholastic Honors, Fellowships, etc.

Klaus Keil


2. Secretary, Commission on Cosmic Mineralogy, International Mineralogical Association.

3. Member, Editorial Board, Journal "Chemical Geology".

4. Vice-Chairman, Lunar Sample Analysis Planning Team, Johnson Space Center, Houston, Texas.

5. Member, Editorial Board, Colorado School of Mines Quarterly, Golden, Colorado.


7. Member, Antarctic Meteorite Working Group, National Science Foundation.

D. Lange

1. Received the Washburn Award for 1979.

J.L. Gooding

1. Sigma Xi Student Grant-In-Aid. 1979.

2. Elected Full Member, Research Society of Sigma Xi. 1979.

3. Graduate Scholarship, Department of Geology, UNM 1979.

4. Student Travel Grant, National Aeronautics and Space Administration, 1979.

5. Student Travel Grant, Meteoritical Society. 1978.

D. Publications

Listed are only publications that have appeared in the report period. Not listed are papers that are in press or in preparation. Since most publications of the Institute of Meteoritics are co-authored by several members of the Institute, only one list of publications is given, rather than duplicating listings on an individual-by-individual basis.
a) Scientific articles published in major national and international, reviewed journals; scientific publications of the Institute of Meteoritics; as well as books.


b) Abstracts published in proceedings of meetings and in journals.


b) Professional papers presented (speaker)


E. Other Research Projects or Creative Work in Progress or Completed During Period.

Klaus Keil

The following research grants and contracts were in effect during the report period.

1. Research Grant from NASA Headquarters, Washington, D.C., entitled "Mineralogy, petrology and chemistry of brecciated stone meteorites."
   March 1, 1976-Feb. 28, 1979 ........................................ 153,490.00

2. Research Grant from NASA L.B. Johnson Space Center, Houston, Texas, entitled "Electron microprobe analysis of returned lunar samples."
   March 1, 1976 - Jan. 31, 1979 ........................................ 184,772.00

3. Research grant from NASA Langley Research Center, Hampton, Virginia, entitled: x-ray fluorescence analysis of Martian soil via the Viking x-ray fluorescence spectrometer,
   April 1, 1977-Jan. 30, 1979 ........................................ 36,000.00

   Mar. 1, 1977 -Feb. 28, 1980 ........................................ 153,380.00

5. Research grant from NASA L.B. Johnson Space Center, Houston, Texas, entitled "Electron microprobe analysis of returned lunar samples."
   Feb. 1, 1977 - Jan. 31, 1980 ........................................ 185,548.00

6. Research contract with Sandia Laboratories, Albuquerque, NM entitled "Technical services with steam-explosion experimental program."

7. Research grant from NASA L.B. Johnson Space Center, Houston, Texas, entitled "Mineralogy, petrology and chemistry of breccias, mare basalts and cores."

8. Research contract with Sandia Laboratories, Albuquerque, NM, entitled "Preparation of compressed pellets",
   May 4 - Sept. 1, 1978 ........................................ 4,194.00

9. Research contract with Sandia Laboratories, Albuquerque, NM, entitled "Particle size analysis of powdered oxide samples",
   March 1 - Sept. 30, 1978 ........................................ 3,519.00
10. Research contract with Sandia Laboratories, Albuquerque, NM, entitled "Shale and tuff in Nevada as potential media for disposal of high-level nuclear waste".
   Dec. 1, 1977 - Sept. 30, 1978 ........................................ 49,000.00

   March 1, 1978 - Feb. 28, 1981 ........................................ 145,597.00

12. Research contract with the Jet Propulsion Laboratory, Pasadena, California, entitled "Viking Lander Inorganic Chemical Analysis."
   Dec. 1, 1978 - Feb. 28, 1979 ........................................ 5,475.00

13. Research contract with Sandia Laboratories, Albuquerque, NM, entitled "Steam explosion experiments."

   Oct. 1, 1978 - Sept. 30, 1979 ........................................ 75,876.00

   March 1, 1979 - Feb. 28, 1981 ........................................ 102,390.00

   March 1, 1979 - Feb. 28, 1981 ........................................ 100,839.00

17. Research Grant from NASA L.B. Johnson Space Center, Houston, Texas entitled "Origin and evolution of lunar crust, mare basalts and regolith."
   Feb. 1, 1979 - Feb. 28, 1981 .......................................... 121,995.00

Total grants and contracts in effect in the report period. ........................................ $ 1,519,152.00

F. Activities in Learned and Professional Societies.

Klaus Keil

a. Offices

2. Secretary, Commission on Cosmic Mineralogy, International Mineralogical Association.

b. Meetings and professional papers read or co-authored


G.J. Taylor

R.D. Warner

D. Lange

G.H. Conrad

J.L. Berkley

J.L. Gooding
1. Attended Meteoritical Society Meeting, Sudbury, Ontario, Canada and presented paper on "Chemical-petrological comparison of individual chondrules from the Chainpur (LL3) and Tieschitz (H3) chondrites" and "Physical properties of individual chondrules from ordinary chondrites", August 14-17, 1978.


G. R. Huss


G. Lux


S. Wentworth


G. Other Professional Activities

Klaus Keil

1. Consultant, Sandia Laboratories, Albuquerque, NM.

2. Reviewed five lunar sample proposals submitted to NASA for funding.

3. Reviewed 11 scientific papers submitted for publication to the American Mineralogist; Earth & Planetary Science Letters; Geochimica et Cosmochimica Acta; Meteoritics; and Science.

4. Leader of the Ibitira meteorite consortium.

5. Co-leader of the Serra de Magé and Governador Valadares consortia.

6. Several interviews with Lobo, Tribune and Albuquerque Journal regarding space research in the Institute of Meteoritics.


8. Interview with NASA radio program coordinator on space research in the Institute of Meteoritics. This interview was broadcast by over 1,000 radio stations across the USA.
9. Hosted and organized visits of the following scientists to UNM, most of which presented seminars:


g. Drs. Merkle and Travis, University of Nebraska, Lincoln, Nebraska, Sept. 16, 1978.

h. Dr. W. Boynton, Dept. of Planetary Sciences, University of Arizona, Tucson, AZ, October 5-6, 1978.


l. Dr. Celso B. Gomes, Institute of Geosciences, University of São Paulo, São Paulo, Brazil, Jan 27-Feb. 23, 1979.


G.J. Taylor


3. Interviewed on KHFM radio show "New Mexico in the News". Interview concerned the novel "Impact".

R.D. Warner


2. Presented seminar on "Petrology and origin of lunar mare basalts", Dept. of Chemistry and Geology, Clemson University, March 14, 1979.


J.L. Berkley


W. Mansker

1. Presented talk on "Melilitite nephelinites from Oahu, Hawaii", Department of Chemistry and Geology, Clemson University, South Carolina, Feb., 1979.

2. Presented talk on "Petrogenesis of melilitite nephelinites", Department of Geology, University of New Mexico, March, 1979.


H. Non-teaching University Service

Klaus Keil

1. Administration of Institute of Meteoritics and its collections.

2. Chairman and member of several thesis and dissertations committees in the Department of Geology.

3. Member of the A & S Committee on Academic Programs.

4. Presented talk to prospective new UNM undergraduate students about the merits of UNM as part of the UNM Ambassador Program, Albuquerque, NM, Jan. 31, 1979.
5. Initiated a cooperative working agreement between UNM and the University of São Paulo, Brazil, and appointed to newly created UNM committee to further such collaboration.


W. Mansker
2. Member of the Students publications board, UNM, 1978.

I. Public Service

Klaus Keil
1. Many private showings of moon rocks to interested citizens, school classes, civic groups, etc.
2. Many private showings of the meteorite museum to interested citizens, school classes, civic groups, etc.
4. Investigated without charge many rocks suspected to be meteorites and brough to the Institute by citizens.

G.J. Taylor
1. Gave the following private tours of the Meteorite Museum, Institute of Meteoritics, and showed moon rocks:
   a) Pre-school class (5 year olds) from A Childs Garden Pre-School, Oct. 10, 1978.
   b) Cub Scout Group, Nov. 21, 1978.
D. Lange


2. Gave about 25 private guided tours of Meteorite Museum, Institute of Meteoritics, University of New Mexico, to about 500 high-school and elementary school students.


4. Helped YCC group with two day project at Elephant Butte Reservoir, New Mexico.

5. Participated in a canoe trip down the middle Rio Grande with a multi-agency party to study the ecology of the area (1979).

G.H. Conrad

1. Gave 9 private tours of the electron microprobe laboratory and showed moon rocks in the Institute of Meteoritics, University of New Mexico, to 4 school groups, the New Mexico Rock Hound group, and 4 groups of student parents.

J.L. Berkley

1. Gave talk on "Opportunities in Geology" as part of the College Enrichment Program, to high-school seniors, Albuquerque, NM., June, 1979.

W. Mansker

1. Gave several tours of the Department of Geology and Institute of Meteoritics University of New Mexico, to prospective students.

J. Personal Information

G.J. Taylor


J.L. Gooding


H.N. Planner

I am pleased to submit this annual report for 1978-79. During this period the department undertook various new activities. It introduced new courses in collaboration with other divisions of the University such as a History of Medicine course with the School of Medicine. At the same time plans were finalized with the School of Law for a History of Law course to be offered during 1979-80. The department also offered a new course involving fourteen members of the staff who lectured in a History of World War II course which drew more than 150 students. Reflecting the desire of the department to be of service to the community it offered its services to the Air Force Weapons Laboratory, Kirtland Air Force Base for compilation of a History of Laser Research at that facility. Professor Jake Spidle was appointed Research Historian at the Weapons Laboratory for 1979-80 to facilitate that project while on released time from the University of New Mexico. The department continues to edit two journals, the New Mexico Historical Review, and The Historian, national journal of Phi Alpha Theta, the History Honor Society in the United States. The members of the staff continued to provide speaker's services to various local schools and community organizations, to provide publicity and aid for such activities as the Calvin Horn New Mexico History Essay Contest or the Spanish Village at the New Mexico State Fair.
A member of the staff, Professor Janet Roebuck, served as President of the University Senate during this period. We are developing closer liaison with state high schools as Professor Jane Slaughter assumes responsibility for working out closer contacts. At the same time the department has been readying a distinctive Social Science Course 100 to strengthen the proposed remedial offerings of the University beginning in the fall of 1979.

In the immediate future the department plans to broaden its offerings in Chicano history, and in the history of the region between the United States and Mexico. We plan to develop closer relations between historians in Mexico and at UNM, and to take a more active role in developing studies dealing with the U.S.-Mexican border area. We expect to have a specialist on our staff in this field of study. We are planning to expand our offerings of courses given in the Spanish language. At the same time we expect to expand our offerings at the UNM-Santa Fe Center in view of our proven success there during the past year.

As we are aware, these are troublous times for educational institutions. The History department is making every effort to develop innovative courses, new emphases, new programs, new relationships with community and other groups which will counteract existing educational problems, and that will contribute to the overall effort of the University administration to tide the institution over difficult years.
I. GENERAL DEPARTMENTAL INFORMATION

A. Significant Achievements

1. The following courses were added to the History curriculum:

   123. Raices. Iberia and the Americas
   328. Modern France, 1815-Present
   334. Modern Europe, 1815-1890
   389/390. Latin American Philosophy (cross-listed with Philosophy and Sociology)
   544. Seminar on the History of Women

2. The following courses were added to the History schedule under 320, "Studies in History."

   Introduction to the History of Modern Medicine
   World War II
   History of Classical Judaism
   History of the Southwestern Indians
   Images of the American West
   European Expansion into Asia
   Early Modern Germany

3. Activities Beyond the Formal Curriculum
   a. Two History journals, The Historian, Editor Gerald D. Nash, and The New Mexico Historical Review continue to publish in the Department. Professor Richard Etulain will assume editorship of The Review in the academic year,
1979-80. Meanwhile, the Review was under the direction of James Stensvaag, Managing Editor, for the academic year, 1978-79.

b. The New Mexico Historians Guild, initiated by the UNM History Department in 1974, met in Las Cruces on March 31, 1979. Thirty historians from UNM and other state universities met to discuss mutual interests.

c. The George W. and Helen M. Smith Memorial Lecture was given this year by Professor Eric Foner, who is an eminent Civil War historian. He spoke on "Race and Class in American Reconstruction."

d. Anton De Porte, member of the Policy Planning Staff of the United States State Department, delivered a public lecture on October 19, 1978 on "The State of U.S. Soviet Relations."

e. Dr. Steven Scher, Chairman of the German Department at Dartmouth College, spoke on October 27, 1978 on "Brecht and Music."

f. The Department hosted Dr. Shit Smitu Kothari, Director of the Center for Study of Developing Societies, in Delhi, India, on December 4, 1978.
g. Lt. Col. Henry Gole, of the United States Military Academy at West Point, was a visitor to the Department on November 19, 1978. He gave a public lecture on "The West German Army in Historical Perspective."

h. On March 22, 1979 Professor Lawrence Kaplan, of Kent State University, gave a public lecture on "The United States of America and the United States of Europe, 1947-48."

i. James D. Walker, Director of Genealogy at the National Archives, Washington D.C., visited the Department and spoke on "Research in the National Archives."

j. A Staffing Committee, composed of Professors Dabney, Ellis, Lieuwen, Porter, Roebuck, and Nash (ex officio), wrote a comprehensive report on staffing priorities for the Department in the future.

k. Although History enrollments nationally continued to sag, enrollment in History at UNM stayed stable in 1978-79. A slight increase in the fall semester balanced a slight decrease in the spring.

-5-
1. The Department polled its graduating seniors in the fall of 1978, and found that of those reporting, 36 planned to continue their education, seven did not, and five were undecided. Of the group intending to continue, 16 planned to attend UNM. Fields that they intended to study included: Architecture, Law, Special Education, Management, Mass Communications, Public Administration, Paralegal, Business, and History. Twenty-nine graduates intended to seek a job upon graduation, 16 did not. Eighteen had a job offer. These jobs included: Teacher, Navy, Missionary, Paralegal, Administrative, Manager Night Club, Laborer and Managerial.

m. Professor Steven Kramer will be co-director of the French Summer School in Taos in the summer of 1979. Professor Charles McClelland is a member of the faculty of the German Summer School in Taos.

n. The fourth issue of the departmental Newsletter edited by Professor Peter Kolchin, was distributed to 400 universities and History Department Ph.D. alumni. Professor Steven
Kramer is now the editor of The Low Countries Newsletter, which is distributed to over 200 persons.

m. An informal get together for History undergraduate students was held in the departmental lounge on April 6, 1979. Approximately 75 History students and faculty attended.

n. Parents of UNM students were welcomed to the Department's first observance of Parent's Day. A reception and mini-lectures were available in the departmental lounge.

o. The History Department held its annual dinner for over 100 faculty, staff and graduate students on April 21, 1979 in conjunction with the Phi Alpha Theta Honorary Society Conference. The guest speaker was 'Professor Emeritus Henry Nash Smith, University of California, Berkeley.'

3. Honors

a. The Phi Alpha Theta International History honorary society's William M. Dabney Award for the best paper read at a Phi Alpha Theta conference was awarded to Sam Ademo.
b. Raymond Burrola, Joseph Roy Lujan, and Salomé Hernandez were awarded Ford Foundation Fellowships for the academic year, 1978-79.

c. Karen Canfield was awarded the Association of American University Women fellowship for 1978-79.

d. The John F. Kennedy Award to graduate students working in the field of Southwestern history, went to Joseph Roy Lujan and Rosalind Rock.

e. Graduate Tuition Fellowships were awarded to Gary Curtin and Charles Truxillo. A Graduate Tuition Scholarship was awarded to Karen Canfield.

f. The Charles Florus Coan Award for the graduating senior with the highest GPA was awarded to Chantal Winkless.

g. The Grunsfeld Award was given to undergraduate History major, Patti Robinson.

4. Teaching positions Held by 1978-79 Graduates: Ph.D.'s

a. Ronald Carden, South Plains Junior College

    Levelland, Texas
b. Kenneth Cott, Washburn College, Topeka, Kansas

c. Richard Melzer, Belen Satellite Center, UNM

d. James Stensvaag, University of New Mexico, 1/2 Visiting Assistant Professor; 1/2 Managing Editor, New Mexico Historical Review.

B. Appointments to Staff

1. Visiting or Part-time Appointments

a. Roxanne Dunbar-Ortiz, 1/2 Visiting Assistant Professor, History; 1/2 Director, Native American Center, Semester I and II, 1978-79.


c. Arnold Káminsky, Visiting Assistant Professor, Asian History, Semester I and II, 1978-89

d. Stephen Sayles, Visiting Assistant Professor, Southwestern History, Semester I and II, 1978-79


f. James Stensvaag, Visiting Assistant Professor, Managing Editor, New Mexico Historical Review, Semester I & II, 1978-79.
2. New Faculty Appointments

a. Anne Boylan, Visiting Lecturer, U.S. Survey,
   Semester I and II, 1979-80.

b. Richard W. Etulain, Professor of History,
   Editor, New Mexico Historical Review.

c. William R. Roberts, Assistant Professor,
   U.S. Military History.

d. Eugene W. Hollon, Adjunct Professor,
   Southwestern History.

3. Assistant Chairman: 1978-79. Professor Jake Spidle
   1979-80. Professor Charlie Steen

4. New Staff:

   Barbara Wilkins Sayles, Staff Secretary

   replacing Patricia Cleve

C. Promotions:

   Janet Roebuck to Full Professor

   Arla Sivinski to Office Manager
D. **Tenure:**

Peter Kolchin

E. **Separations from Staff:**

Paul McAllister, January, 1979

William Glenn Robertson, August, 1979.

F. **Deceased:**

France V. Scholes, Professor Emeritus, February 11, 1979.
II. Composite of information requested on individual biographical supplements: (period January 1 - December 31, 1978).

1. ADVANCED STUDY

DUNBAR ORTIZ, Roxanne
Post-Doctoral Study under Eleanor Leacock, CUNY--Graduate Division, New York.

RABINOWITZ, Howard N.

SLAUGHTER, M. Jane
June 1978--research at University of Minnesota libraries.
July 1978--research at Hoover Institute, Stanford University.

STARR, Dennis

STENSVAAAG, James T.
Ph.D. University of New Mexico, August 1978.

2. SABBATICALS, SUMMER TEACHING, TRAVEL, ETC.

BERTHOLD, Richard M.
Summer trip by car to Panama
Sabbatical, Fall Semester

CUTTER, Donald C.
Sabbatical leave, Fall Semester, in Spain. Travel from Spain to France, Belgium & Netherlands.

DABNEY, William M.
Travel for research to the Library of Congress, Washington, D.C.

DUNBAR-ORTIZ, Roxanne
January, 1978: Preparatory Committee, World Conf. on Racism, Basel, Switzerland.
May, 1978, World Conf. on Racism, Basel, Switzerland (Chair, Political Commission).
August, 1978, United Nations Conf. on Racism, Geneva, Switzerland (Delegate).

ELLIS, Richard N. Chairman of summer session.


NASH, Gerald D. Invited as Visiting Distinguished Professor of History California State University, Los Angeles, California.


RABINOWITZ, Howard N. Sabbatical leave, Spring Semester 1978; leave without pay supported by NEH grant, Fall Semester, 1978; conducted research, Columbia, South Carolina, April, 1978.

NEW SCHOLASTIC HONORS

CONNIF, Michael L. Research Allocation Committee research award, April, 1978.

CUTTER, Donald C. Named Research Associate of Museum of New Mexico.

ELLIS, Richard N. Graduate Teacher of the Year Award.
KERN, Robert W.

Hoover Institution Grant, Hoover Institution, Stanford University, Summer 1978.
Faculty Research Grant, University of New Mexico.

KOLCHIN, Peter

UNM research grant.

RABINOWITZ, Howard N.


STENSVAAQ, James T.

John F. Kennedy Dissertation Scholarship.

4. PUBLICATIONS

BOOKS

KERN, Robert W.


KRAMER, Steven Philip


NASH, Gerald D.


RABINOWITZ, Howard N.

Race Relations in the Urban South 1865-1890 (New York: Oxford University Press, 1978)
ARTICLES

BAKEWELL, Peter J. "Notes on the Mexican silver mining industry in the 1590's" Humanitas (Instituto Tecnológico de Monterrey), 1978.


Ellis, Articles, continued


IKLE, Frank

"Diplomacy in East Asia, An Expression of General World Views" ASIAN STUDIES, Vol. XIV no. 3 (December, 1976).

KOLCHIN, Peter


KRAMER, Steven Philip


McCLELLAND, Charles E.


NASH, Gerald D.

Nash, Articles continued

38 brief articles (300-1000 words each) were published in Howard Lamar (ed.), Encyclopedia of the West (New York, 1978, Crowell).

PUGACH, Noel H.

RABINOWITZ, Howard N.

ROBERTSON, William Glenn
"The Siege of Suffolk, Another Name for Futility?", Virginia Cavalcade, Spring, 1978.

SZASZ, Ferenc Morton

REVIEWS

BAKEWELL, Peter J.

CONNIF, Michael L.
CONNIFF, Reviews continued


CUTTER, Donald C.

Powell, Mexico's Miguel Caldera: The Taming of America's First Frontier, 1548-1597 in American Historical Review.
Hutchinson, Manifesto to the Mexican Republic in Western Historical Quarterly.
Weber, Saint Vibiana's Cathedral: A Centennial History for New Mexico Historical Review, October.
Weber, America's Catholic Heritage: Some Bicentennial Reflections for New Mexico Historical Review, October.
Weber (ed.), The Jewel of the Missions: A Documentary History of San Juan Capistrano for New Mexico Historical Review, October.

DABNEY, William M.


IKLE, Frank

KOLCHIN, Peter

LIEUWEN, Edwin

McCLELLAND, Charles E.

NASH, Gerald D.
P. Foner, Labor and the American Revolution, in New York History.

PORTER, Jonathan
Arthur Cotterell & David Morgan, China's Civilization: a Survey of its History, Arts,
Porter, Reviews continued


SLAUGHTER, M. Jane Chafe, Women and Equality for New America, Fall 1978.
SZASZ, Ferenc Morton

Bailey, Raymond H., Destiny and Disappointment in Choice 15 (September, 1978) 888.


OTHER RESEARCH PROJECTS

BAKEWELL, Peter J.


BERTHOLD, Richard M.


CONNIFF, Michael L.


CUTTER, Donald C.

Completed participation in year-long exhibit of Malaspina materials in U.S. museums under auspices of National Endowment for the Arts, Museo de America and Museo Naval with my gallery lecture at the Smithsonian Institution in Washington entitled "Alejandro Malaspina and his Expedition to the New World," Feb. 23.

DABNEY, William M.

Continued progress on the careers of Charles and Alexander Cochrane in particular, and on the Scots in the American Revolution in general.

DUNBAR-ORTIZ, Roxanne

DUNBAR-ORTIZ, R. Other Research Projects continued


ELLIS, Richard N.
Expert witness for the Mescalero Apache tribe.
Expert witness for U. S. Justice Department.

IKLE, Frank
Research on "The Role of the Humanities in a Post-Industrial Society: Japan."

KERN, Robert W.
Feminism and Socialism: Ten European Women--in progress, pub. date 1979.
A Short History of the Spanish Labor Movement--in progress.

KOLCHIN, Peter
Continued research for a book comparing American slavery and Russian serfdom.

KRAMER, Steven Philip
Working on preparation of new course "Law and Society" to be co-taught with Professor Minzner of Law School.
LIEUWEN, Edwin
Revised, expanded and updated my book Mexican Militarism, which is being translated into Spanish and is contracted to be published by Premia SA, Mexico City.
Work on Obregón biography continues.

McALLISTER, Paul E.
New Mexico in Maps to be published Spring 1979 by TAC, University of New Mexico.
Revision of maps for 2nd ed. of Unger, These United States (Little Brown & Co., 1978)

McCLELLAND, Charles E.
Completed book manuscript: State, Society and University in Germany, 1700-1914, (accepted for publication by Cambridge University Press, 1979).

NASH, Gerald D.
Began research for new book to be published by Indiana University Press on World War II and American West.

PORTER, Jonathan
Research in progress on the social origins and careers of Chinese scientists, ca. 1600-1900.


ROBBINS, Richard G., Jr.  Continuing research on Russian Provincial Governors, 1880-1905. Two articles completed and submitted to journals.


ROEBUCK, Janet  Article, "What is old age? The evolution of the English definition," accepted for publication in 1979 by the Journal of Social History for 1979. Article, Jane Slaughter co-author, "Ladies and Pensioners:
SAYLES, Stephen Paul


Research in progress on a monograph Women in New Mexico: A Social and Political History.

Researching and completing "Conflict on the Tuolumne: A Rural-Urban Struggle for Power" to be sent to Pacific Northwest Review.


SLAUGHTER, M. Jane


"Feminism and Socialism" forthcoming in Marxist Perspectives Summer 1979.


Review for Allyn and Bacon, Our American Sisters.

In progress: Women in European Radical Politics, co-edited with Robert Kern.

Research for monograph Women and the Italian Resistance.


STARR, Dennis

"The Rubber Strike of 1904 in Trenton, New Jersey: How Conservative Trades Unionism Contributed to Disaster For the Strikers, Their Union and the Local Labor movement." Paper to be presented at the Western Social Sciences Association's convention in April, 1979.
STARR, Dennis, Other Research Projects continued

"A Comparative Study of Ethnic Groups in Albuquerque, New Mexico." University of New Mexico Urban Observatory.

STEEN, Charlie R.

Finished typescript of monograph concerning Tournai at the moment of the outbreak of the revolt in the Netherlands. Completing the editing and translating of the Memoires of Pasquier de le Barre, a magistrate of Tournai in the late sixteenth century.

STENSVAAAG, James T.


WOZNIAK, Frank E.


Review of Baker, Derek, The Orthodox Churches and the West in Balkan Studies (forthcoming). The political, military, economic, social and administrative response of the Late Roman/Early Byzantine government to the "barbarian" invasions and occupations of the Balkan territories of the Empire in the fifth to the seventh centuries:
WOZNIAK; Frank E, Other Research projects continued

an analysis of the policies advocated and pursued by the Late Roman/Early Byzantine governments in the defense of their Balkan provinces.

6. ACTIVITIES IN LEARNED AND PROFESSIONAL SOCIETIES

BAKEWELL, Peter J.  Attended and commented on a paper at the Tercen Encuentro Cultural: Chihuahua-Nuevo México (Chihuahua City, October 1978).


CUTTER, Donald C. Banquet speaker, Pacific Northwest Historical Conference, Spokane, April. Banquet speaker, Colorado History Group, Alamosa, June. Member of Council of Western Historical Association (attended spring council met. Denver April. Seminar for staff at Smithsonian; and seminar for regional professionals at Smithsonian. Spoke at New Mexico Historical Society Conference, April, Las Cruces, New Mexico. Spoke on "Algunas influencias concretas de lo Hispanico en EEUU en la legislación" at Coloquios de El Escorial sobre Las Culturas Hispanicas en los Estados Unidos, at San Lorenzo El Escorial, Spain, sponsored by U. S. State Department.
<table>
<thead>
<tr>
<th>Author</th>
<th>Event Description</th>
<th>Date</th>
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<tbody>
<tr>
<td>DUNBAR ORTIZ, Roxanne</td>
<td>Harvard University Conference on American Indians (paper), April, 1978.</td>
<td>April 1978</td>
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<tr>
<td>ELLIS, Richard N.</td>
<td>Commentator, Western History Association Congress, October 1978.</td>
<td>October 1978</td>
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<td></td>
<td>Paper, New Mexico Historical Society Conference.</td>
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<td></td>
<td>Member of program committee, Western History Association.</td>
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<tr>
<td>KERN, Robert W.</td>
<td>AHA Convention in Dallas, TX December 1977 (not claimed on last biographical record).</td>
<td>December 1977</td>
</tr>
</tbody>
</table>
LIEUWEN, Edwin


McALLISTER, Paul E.

Reader for articles in Journal Social Science History.

McCLELLAND, Charles E.

Commentator, panel on "History and Drama in Postwar Germany," Western Association for German Studies, Snowbird, Utah, October, 1978.

Commentator, panel on "Academic Unemployment," Social Science History Association, Columbus, Ohio, November, 1978.


NASH, Gerald D.

Attended Western History Association Meeting, Hot Springs, Arkansas, Oct. 11-14, 1978;


PORTER, Jonathan

Attended Association for Asian Studies meeting, March 1978 Chicago, Illinois.

PUGACH, Noel H.  
Member, Board of Editors, Pacific Historical Review, September, 1978-

RABINOWITZ, Howard N.  

ROEBUCK, Janet  
Chair/commentator for a session on women and work in the 19th century at the Western Social Science Conference, Denver, Colorado, Spring 1978.

SAYLES, Stephen Paul  
SLAUGHTER, M. Jane
Western Social Science Association, Conference, Denver, Colorado, April 1978. Paper "Feminism and Socialism."
Berkshire Conference on Women's History, Mount Holyoke, August, 1978, Chair, "Women in 20th Century Italy."
Western History Conference, Hot Springs, Arkansas, October, 1978, Comment on "Susan B. Anthony's Visit to the West."

STARR, Dennis

STEEN, Charlie R.
Attended the meeting of the Western Society for French History, Nov. 9-11, 1978.
Will continue as a member of the Council of that organization.

STENSAAG, James T.
"Clio on the Frontier," a paper presented at the Western Social Science Association Convention, April 1978.
Meetings attended: Western Historical Association, October; American Historical Association, December 1978.

SZASZ, Ferenc Morton
Gave paper, "Francis Schlatter: Healer of New Mexico," at the New Mexico Historical Society Convention, Las Cruces, New Mexico, April 15, 1978.
Gave "comment" on two papers in a session entitled "Evolution and Fundamentalism," at the Southern Historical Association Convention.

WOZNIAK, Frank E.
WOźniak, Frank E. 6. ACTIVITIES IN LEARNED SOCIETIES

continued

Roman and Byzantine Studies, April 1978.

7. OTHER PROFESSIONAL ACTIVITIES

BERTHOLD, Richard M.
Two articles: "Civil Disobedience and Society" and "The Unpersuaded Minority" accepted by New Mexico Humanities Council and published in various state newspapers.

CONNIF, Michael L.
Town Meetings on the Panama Canal Treaties, throughout the state, January 17 and February 20-21, 1978.
Talk to high school students at Sandia High, March 1978 on Panama Canal Treaties.
Co-organizer of Brazil Awareness Week, part of National Forum on Brazil, March 1978, including several panels and a TV broadcast on KNMT, Albuquerque, New Mexico.

CUTTER, Donald C.
CUTTER, Donald C. 7. Other Professional Activities continued

Spoke at University of Arizona, "Perspectives on Southwestern Research," April, Tucson, Arizona.
Wrote position paper for Heritage of Aztlan TV Series on "Juan de Oñate."
Lecture on "History of the Duke City" at Museum of Albuquerque, New Mexico, April.
Spoke at Convención de Alianza de Pueblos Americanos, Albuquerque, New Mexico.
Spoke on "La Influencia Española en el Suroeste Americano" at U. S. Centro Cultural, Madrid, Spain.

DABNEY, William M.
Various off-campus talks, including a course in church history given at St. Chad's Episcopal Church.

DUNBAR ORTIZ, Roxanne

ELLIS, Richard N.
ELLIS, Richard, 7. Other Professional Activities

continued

Talk to high school history students, April 1978 and September 1978.
Evaluated manuscripts for University of Nebraska Press, University of New Mexico Press, Brigham Young University Press, New Mexico Historical Review and Western Historical Quarterly, and Teaching History. Evaluate proposals for National Endowment for the Humanities, National Endowment for the Arts, and National Historical Publications Commission.
Judge, Calvin Horn Scholarship contest.

KRAMER, Steven Philip

As co-founder and director of the French Summer School of New Mexico, created the program from scratch and worked to prepare a second and expanded session for summer 1979. Participated in scholar-diplomat program at U. S. State Department, April 1978.

LIEUWEN, Edwin

Advisory Editor, World Affairs Report.

McCLELLAND, Charles E.

Guest lecture, "Der 17, Juni 1953 in Rückblick," German Summer School, Taos, New Mexico, June 1978.

NASH, Gerald D.

Conference of history editors. Consultant, National Endowment for Humanities; Continental Oil Co; "The Energy Crisis"--on TV Channel Five, January 14, 1978 a panel discussion; Editor, The Historian; Executive Council, Phi Alpha Theta;
NASH, Gerald D. 7. Other Professional Activities continued.

Editorial board, Agricultural History, Journal of the West; Trustee, Lincoln Educational Foundation.


ROEBUCK, Janet
Member of the National Screening Committee for the Fulbright program, Fall, 1978.

SLAUGHTER, M. Jane
New Mexico Women's Forum, February 1978 panelist "Women and the Humanities."
New Mexico Humanities Council and KUNM radio, panelist on "Birth Control and Abortion."

STEEN, Charlie R.
New course: Revolt and Revolution in Europe, 1500-1794.

STENSVAAAG, James T.
"Historians of New Mexico," a talk presented to the Albuquerque Newcomers' Club, September, 1978.

SZASZ, Ferenc Morton

8. NON-TEACHING UNIVERSITY SERVICE

BAKEWELL, Peter J.
Latin American ad hoc search committee (Spring and Fall semesters 1978). Library Committee (Spring 1978). History Department Curriculum Committee (Spring 1978).

BERTHOLD, Richard M.
Senator, Spring Semester. Faculty show participant.
CONNIF, Michael L.  
University of New Mexico  
Ambassadors trip, October  
Chair, Charles Held Memorial  
Fund, October-December 1978.  
History Department committees:  
Curriculum, Graduate studies, Language Coordinator, High Sch. Liaison,  
Faculty Senate Committee:  
Library. Acting Director,  
Division of Inter-American  
Affairs, Summer 1978.

CUTTER, Donald C.  
Acting editor, New Mexico  
Historical Review; Head,  
Board of Editors of New Mexico  
Historical Review. Arts and  
Science's Dean's promotional  
Review Committee--Humanities.  
Head, Search committee for  
Editor New Mexico Historical  
Review; Department Salary Ad­  
visory Committee; Talks for  
University of New Mexico  
Speakers Bureau at Bernalillo  
Rotary and Sons of American  
Revolution.

DABNEY, William M.  
Chairman, Graduate Entrance  
Committee for the History  
Department. Represented the  
University at College Day,  
1978, and represented the  
Department at Senior Day,  
November 1978, with Outreach  
Program.

DUNBAR-ORTIZ, Roxanne  
Coordinator, Native American  
Studies; Faculty Advisor, Kiva  
Club (Indian Students club in  
ASUNM.) Women's Studies Com­  
mittee, University of New  
Mexico.

ELLIS, Richard N.  
Book review editor, New Mexico  
Historical Review; Editorial  
board of New Mexico Historical  
Review; faculty advisor for  
Phi Alpha Theta, Fall semester.  
Director, New Mexico Oral His­  
tory Project. Member, Native  
American Studies advisory Com­  
mittee. Member search commit­  
etee for director of Native
ELLIS, Richard N. 8. Non-teaching University Service continued

Studies and for assistant coordinator of Native American Studies. Member, search committee for editor of New Mexico Historical Review. Member of departmental Graduate Advisory Committee. Member of Departmental Staffing Committee.

IKLE, Frank Member of the Research Policy Committee; Chairman: Subcommittee on Inter-Disciplinary Research of Research Policy Committee; Member: Research Lecture Committee, Research Policy Committee; Chairman, Arts & Sciences Committee on Academic Programs; Member, Popejoy Dissertation Award; Chairman, Department of History Graduate Entrance Committee.

KERN, Robert W. Elected to Academic Senate, University of New Mexico. Elected to chair of Graduate Advisory Committee, History Department. Executive Board, Southwest Labor History Conference.

KOLCHIN, Peter Editor, History Department Newsletter. Member, History Department Graduate Entrance Committee, Member, General Honors Council.

KRAMER, Steven P. UNM Senate, member of Graduate and Undergraduate Affairs Committee, Honorary Degrees Committee, Chairman, History Department Curriculum Committee. Director, French Summer School of New Mexico.

LIEUWEN, Edwin Chairman, Arts & Sciences Latin American Committee; Member Arts & Sciences Promotion Committee.

McCLELLAND, Charles Member and chair, Subcommittee on Retirement Benefits, University Retirement and Benefits Committee. Member and Chair, Undergraduate Honors Committee, University of New Mexico History Department.
NASH, Gerald D.  
Departmental Chairman; Advisory Committee, Afro-American Studies Advisory Committee, Native American Studies Center.

PORTER, Jonathan  
History Department Graduate Advisor; Arts and Sciences Graduate Committee member; Chairman, University Curricula Committee.

PUGACH, Noel H.  
Member, Research Allocations Committee; Library Liaison, Department of History.

ROBBINS, Richard G. Jr.  
Chairman, Graduate Advisory Committee, History Department (Spring 1978). Member, Arts & Sciences Tenure Advisory Committee.

ROBERTSON, William Glenn  
Participated in Residence Hall Debate as Representative of Humanities. Member of Committee on scholarships, prizes and awards.

ROEBUCK, Janet  
President of the Faculty Senate. Member, Athletic Council. Member College of Education Undergraduate Curriculum Committee. Committee on Non-traditional Students. Non-traditional student advisor for the Department. Departmental Staffing Committee. University of New Mexico Ambassadors Program. Faculty representative at Parents Day and Senior Day.

SLAUGHTER, M. Jane  
Member: Student Standards Committee, Women Studies Committee, American Studies Committee, Committee of Five. Chair and Member: Faculty Ethics and Advisory Committee. Advisor, Campus National Organization of Women. Chair, Research Colloquia Committee, Faculty and Professional Women's Association. Senator, Member Executive Committee, Chair, Faculty Welfare, Benefits and Professional Ethics Committee.
SLAUGHTER, Jane, S. Non-teaching University service continued

Department: Graduate Entrance Committee; Honors Committee; Search Committee, Editor New Mexico Historical Review; Sabbatical Leave Committee.

STEEN, Charlie R. Member Admissions and Registration Committee, History Department Undergraduate Advisor.

STENSVAAg, James T. Managing Editor, New Mexico Historical Review.

SZASZ, Ferenc Morton "The History of Juvenile Delinquency in America," shown in January, 1978 on Channel 7. Member of the University of New Mexico Press Committee.

9. PUBLIC SERVICE

CUTTER, Donald C. Deacon, Immanuel Presbyterian; Speak at St. Andrew's Presbyterian; Immanuel Presbyterian; New Mexico Mensa; Horn essay contest luncheon and symposium; Served as chief Judge of Calvin Horn High School Historical Essay Contest.

DABNEY, William M. Various church activities, especially as a member of the Diocese Liturgical Committee for the Episcopal Church. Also member of panel in hearings on urban problems.

DUNBAR-ORTIZ, Roxanne All Indian Pueblo Council; Indian Cultural Center (Pueblo): Education Committee Indian Teacher's Association of New Mexico--Workshops.

IKLE, Frank Member, New Mexico Humanities Council; Member, Albuquerque Committee on Foreign Relations.

KRAMER, Steven Philip Participation in New Mexico Humanities Council panels on Dependency and Institutionalization, 17 November, 8 December.
McALLISTER, Paul E. 
Research for City of Albuquerque, Landmarks and Urban Conservation Commission.

McCLELLAND, Charles E. 
Article, "Academic Unemployment and the Humanities," for New Mexico Humanities Council Newspaper Committee (printed in about 5 New Mexico newspapers).

PUGACH, Noel H. 
Vice President and member of the board of directors, Experiment in Jewish Learning; Chairman, Chavura Hebrew School Committee; Precinct Chairman, #446, Democratic Party.

RABINOWITZ, Howard N. 
Member, Albuquerque Landmarks and Urban Conservation Commission, August 1978-; Member, Support the Tax Trade Committee, Fall 1978.

ROBBINS, Richard G. Jr. 
Board Member, Neighborhood Housing Services of Albuquerque, (City Council appointee).

STENSVAAAG, James T. 
Section Leader, Soloist, St. Paul Lutheran Church.

WOZNIAK, Frank E. 
Assistant Coach, American Youth Soccer Organization.

10. PERSONAL INFORMATION

KOLCHIN, Peter 
Baby expected, February 1, 1979.

McCLELLAND, Charles E. 
REPORT OF THE NEW MEXICO HISTORICAL REVIEW
July 1, 1978 - June 30, 1979
Dr. James T. Stensvaag, Managing Editor

The academic year 1978-79 marked the fifty-fourth year of publication for the New Mexico Historical Review, and the last of a three year interim during which Dr. Donald C. Cutter has served as Acting Editor. Dr. Richard Etulain will assume the editorship during the 1979-80 academic year. During Dr. Cutter's sabbatical leave, Dr. James T. Stensvaag has acted as Managing Editor. Glenn Schwegmann and Jennifer Pruett (Sem. 1, 1978) served as Editorial Assistants. Nancy Brown continued as Staff Secretary and the only full-time Review employee. During the year Dr. Gerald Nash resigned from the Editorial Board and was replaced by Dr. Peter Bakewell. Albert Schroeder joined the Board of Consultants, as the new President of the Historical Society of New Mexico, replacing Loraine Lavender.

The Review published nineteen articles by recognized scholars from throughout the United States and Europe. Two professors emeriti, one from the University of California and one from the University of Leiden (Netherlands) contributed articles. Material for publication also came
from workers in museum, archival, educational, and legal fields. The New Mexico Historical Review continued to receive fine cooperation from a wide range of established scholars in providing the best possible reviews of pertinent scholarly literature.

The Review continued its association with the Calvin Horn Historical Essay Contest, which yearly awards four scholarships to high school seniors and juniors who demonstrate enthusiasm for and proficiency in writing about an aspect of their state's history. Dr. Stensvaag served as Senior Judge for the contest, and the Review offered logistical support throughout the year. Dr. Ellis participated in seminars explaining the contest and assisting aspiring entrants. The Review also published, for the first time, winning entries for the 1978 contest in the January 1979 issue.

The Review also participated in an ever-widening range of activities beyond its normal function and the scholarship contest. The New Mexico Historical Review served as co-sponsor for Dr. James D. Walker, of the National Archives, who conducted a day-long seminar on genealogical services available through the Washington agency. Dr. Stensvaag provided slide talks at the Chaves County Historical Society, the Albuquerque Historical Society, and the Albuquerque Newcomers' Club, utilizing a set of instructional slides
prepared by Glenn Schwegmann. The Review travelled the state in its own behalf and that of several other publications of the University. Nancy Brown and Glenn Schwegmann displayed the journal at over twenty-five historical, archaeological, educational, museum, library, and literary events throughout the state. Exhibits on the scope and making of the Review appeared at several places in the city. The Review assumed the major role in establishing a historical exhibit in the museum at the Spanish Village on the State Fair grounds.

The higher profile gained for the Review as a result of these activities has resulted in an expanding readership and increased sales of back issues, making the 1978-79 year the best ever in terms of dollars returned to the University as total hard-dollar sales will fall above the 11,000 dollar mark for the first time. In addition to returning funds to the general coffers of the University, the Review cooperated with Zimmerman Library in a journal exchange program which saved the University in excess of eleven hundred dollars in subscriptions. This effort saved the subscriptions of several journals which would have been curtailed due to funding paucity, a scholarly benefit to the University perhaps equal in value to the journal's own scholarly reputation.

The wider activities of the professional members of the Review staff are given in the attached reports.
FROM REPORT OF DEPARTMENT OF HISTORY

DR. DONALD C. CUTTER

SABBATICAL, fall and spring semesters in Spain, lecturing, researching, traveling in France, Belgium and Netherlands

SCHOLASTIC HONORS, named Research Associate of Museum of Museum of New Mexico


PROFESSIONAL ACTIVITIES, banquet speaker, Pacific Northwest Historical Conference, Spokane, April, 1978. Banquet speaker, Colorado History Group, Alamosa, June. Member of Council of Western Historical Association (attended spring council meeting, Denver, April.) Seminar for staff at Smithsonian and Smithsonian regional professionals. Spoke at New Mexico Historical Society Conference, April, Las Cruces. Spoke on "Algunas Influencias concretas de lo Hispánico en EEUU en la Legislación" at Coloquio de El Escorial sobre Las Culturas Hispanicas en los Estados Unidos, at San Lorenzo El Escorial, Spain, sponsored by U.S. State Department.

OTHER ACTIVITIES, consultant for Heritage of Aztlan TV services; consultant for various programs of National Endowment for Humanities; interview on KZIA Radio, Albuquerque; interview of Spanish National Radio; on Radio Exterior de España (twice in English and twice in Spanish); interview for El Alcazar, Madrid newspaper; TV tape on Malaspina for KNME-UNM Voices; manuscript opinion for Pacific Northwest Quarterly.


NON-TEACHING UNIVERSITY SERVICE, acting editor, New Mexico Historical Review; Head, Board of Editors, NMHR. Arts and Science's Dean's Promotional Review Committee-Humanities; Head, Search committee for editor, NMHR; Department Salary Advisory Committee; talks for UNM Speakers' Bureau at Bernalillo Rotary and Sons of American Revolution.

PUBLIC SERVICE, deacon, Immanuel Presbyterian; spoke at St. Andrew's Presbyterian; Immanuel Presbyterian; New Mexico Mensa; Horn Essay Contest luncheon and symposium; chief judge Calvin Horn High School Essay Contest.

DR. JAMES T. STENSVAG

POSITION, visiting Assistant Professor, Managing Editor, New Mexico Historical Review, Sem. I and II, 1978-79.

ADVANCED STUDY, Ph.D. University of New Mexico, August 1978.

SCHOLASTIC HONORS, John F. Kennedy Dissertation Scholarship.


NON-TEACHING UNIVERSITY SERVICE, Managing Editor, New Mexico Historical Review, talk for Southwest Images and Trends Conference; slide talk; for Parents' Day; chief judge
for Calvin Horn Historical Essay Contest; workshop at Goddard High, Roswell for Horn essay contest aspirants.

PUBLIC SERVICE, section leader, soloist, St. Paul's Lutheran Church.
I. General Departmental Information

A. Installation of a computerized, electronic editing system for reporting and editing courses (Journalism 252 and Journalism 311, respectively) spanned the gap between typewriters and the type of equipment now used by most newspapers in the country. Dr. Crow obtained through a matching grant from the Albuquerque Publishing Co. funds to install four video display terminals, a data storage bank, and hard-copy printout and reperforating equipment. This complex is used to show students how news stories are written, edited, stored and transferred to final printed form, sharing facilities of the UNM Daily Lobo for the latter aspect (justified type production). While precise systems vary from newspaper or news wire service, the principles are the same and the journalism department's facilities provide a cross-transference of skills already favorably reported on by our alumni.

B. Bond money helped acquire improved equipment in the broadcast sequence. Obtained were two portapack cameras and recorders, a joystick editing system and accessories in the 3/4-inch videotape cassette format. This enables students to cover and edit news events on videotape with sound just as they would for television stations. Students also use this equipment for "magazine format" TV programs and documentaries, bringing the department up to date in this instruction area. One fly exists in the ointment, both here and in other departments: the lack of a maintenance and repair budget to keep this equipment working.

Finally, it should be noted that most people working as electronic
new gathering (ENG) tape editors have come out of the journalism program, a fact directly related to acquisition of this equipment.

C. Allotment of bond revenues enabled the department to replace four elderly photo enlargers with Baselor models that will accommodate negatives from 8 mm. through 4 x 5 inch formats. Additionally, these enlargers will enable the department to add instruction in color film development and printing, an increasing necessity on more and more newspapers in the nation. This will require acquisition of "color-blind" and far better temperature control systems than those now available in the antiquated plumbing of the two, small darkrooms.

D. The advertising sequence continues to be carried by one adjunct lecturer. Basic core courses common to editorial and broadcast sequences, and cross offerings in the College of Fine Arts (Art Studio, Art History, Graphic Design) complete the advertising curriculum. Demand for this sequence remains high; budgeted faculty and equipment support do not correspond.

E. The retirement of Professor Leonard L. Jermain closed a 25-year career in which he taught, influenced and inspired hundreds of students who now are working professionally in this and many other nations. Succeeding him is Assistant Professor Fred Baise, a former assistant of several years' experience who is completing his Ph.D. requirements in journalism at the University of Texas-Austin. Professor Stuart Novins was granted a one-year extension of
of service beyond retirement to retain continuity during
Professor Crow's sabbatical leave in academic year 1979-80.
Professor Lawrence is to serve as acting chairman during Dr. Crow's
leave.

II. Composite of information requested on individual biographical supplements

1. Professor Charles Coates serves as chairman of the Student Radio
Board, is a stringer for the New York Times and maintains contact
with his former colleagues at NBC.

2. Professor Crow was state director, News Election Service; was advisor
to the student chapter, Society of Professional Journalists;
attended the New Mexico Press Association convention and
New Mexico Associated Press Managing Editors conference.

3. Professor Hillerman's novel, Listening Woman, was chosen by the
New York Times Book Review as among the best books
of 1978. He was New Mexico political editor for News Election
Service in the 1978 general election coverage, and served on the
KUNM-AM advisory committee.

4. Professor Lawrence served as chairman of the Student Publications
Board and gained board support for earmarking a percentage of
student fees directly as Daily Lobo subscription support, free
of ASNM political competition. He, and Professor Novice,
separately are completing books. Lawrence has remained active as
a working photojournalist, contributing to magazines and books,
and assisting the UNM Medical School with photographs ranging
from surgery to building exteriors. He was immediate past president

- 3 -
of the New Mexico chapter, Society of Professional Journalists-Sigma Delta Chi.

5. Professor Hyman addressed the annual convention of the New Mexico Press Women's Association, and has worked in the summers on the copy desk of the Albuquerque Journal. She also has served on the executive board of the New Mexico chapter, SPJ-SDX. The department has been active on the TV/Film Coordinating Council, supports broadening the UNM film and video curricula and has prepared proposals for a cooperative, expanded program in broadcast journalism. Professor Coates has helped guide KUNM into National Public Radio affiliation, is trying to find ways to assure a steady-based funding for the station and is an adviser on media problems to Senator Harrison Schmitt. Coates also was a consultant to the White House Office of Telecommunications Policy.
ANNUAL REPORT OF THE DEPARTMENT OF LINGUISTICS

July 1, 1978 - June 30, 1979

Garland D. Bills, Chairman

I. General Information

A. Highlights of the 1978-79 Academic Year

1. Faculty and Administration.

In its sixth year the Department continued with a budgeted faculty of just 2.83 FTE: Professor Bernard Spolsky (.33, .67 Graduate Studies), Associate Professor John W. Oller, Jr. (1.0), Associate Professor Garland D. Bills (.50, .50 Modern and Classical Languages), and Assistant Professor Alan Hudson-Edwards (1.0).

In addition, Rodney W. Young (Testing Division) held a non-probationary nonbudgeted appointment as Assistant Professor of Linguistics. Assistant Professor Larry Gorbet (Anthropology) and Professor Vera John-Steiner (Educational Foundations) held nonbudgeted joint appointments in Linguistics.

The Department was governed by a Voting Faculty of fourteen, which included the preceding and Professors Robert White (Secondary and Adult Teacher Education) and Miles Zintz (Elementary Education); Associate Professors Dean Brockey (Elementary Education), Dolores Butt (Communicative Disorders), Jean Civikly (Speech Communication), and Roy Pickett (English); and Assistant Professor Leroy Ortiz (Elementary Education).

These Voting Faculty also worked diligently in varied departmental assignments;
Policy Committee: Oller, Pickett, White, Zintz, Bills.
Graduate Committee: Brodkey, John-Steiner, Ortiz, Bills.
M.A. Examination Committee: Corbet, Hudson-Edwards, Young.
Tenure/Promotion Committee: Bills, John-Steiner, Young.
Library Representative: Brodkey.
DCLC Faculty Advisor: Oller.
Undergraduate Advisor: Hudson-Edwards.
Graduate Advisor: Bills.

Professor Emeritus Robert W. Young continued to advise and serve the Department unofficially with deeply appreciated selflessness.

Eleven Associated Faculty also helped to maintain and strengthen the Department's interdisciplinary program: John Bergen (M&CL), Philip Rock (Anthropology), Victor Bolis (ES&CS), Matthieu Casalis (Philosophy), Rosa Fernández (SATE), Marlis Mann (Elem Ed), Charlene McDermott (Philosophy), Bruce Porch (Neurology), Scott Rushforth (Anthropology), Ellen Spolsky (English), and Marta Weigle (Anthropology).

2. Faculty Research, Service, and Honors.

Professor Hudson-Edwards' Voting Rights Project, begun in October 1976 with a $103,000 grant from the Federal Election Commission, was extended through March 1979 with a supplemental grant of $10,000 from the FEC. Hudson-Edwards currently continues the project research and in addition has received a $15,000 FEC grant to conduct seminars for election officials this summer and fall.

Professor Robert Young continues, presently without external funding, the preparation of the massive Navajo dictionary, which will be published by UNM Press as soon as negotiations for a publication subvention are completed.
Members of the Voting Faculty have contributed outstanding professional service over the past year. Especially noteworthy was service to the international TESOL organization: Professor Spolsky as President in 1978 and Professor Oller as a member of the Executive Committee for a 1976-78 term. Spolsky also continues as Secretary-Treasurer of the American Association for Applied Linguistics. Oller has been exceptionally honored by selection as a member of the faculty for the first annual TESOL Institute to be held at UCLA this summer.

3. Students

At the undergraduate level, an intended major in Linguistics was declared by 17 students each semester. Graduating this year in the College of Arts and Sciences was one major in Linguistics.

At the graduate level, eight students were officially admitted and enrolled in the M.A. program this year. There were two graduates from the program. One (Sandra Hoogerwerf) has been doing parttime work in English teaching research and is undecided whether to begin doctoral studies or seek permanent employment. The other (Tomas Butchart) will return to his native Mexico this summer to secure an unconfirmed position in teaching English as a foreign language.

The Department continued to contribute importantly to graduate programs in other units that permit an emphasis in linguistics. John A.S. Read completed his Ph.D. in Elementary Education last summer and accepted a position in the Linguistics Department at the University of Texas-El Paso for 1978-79. His dissertation (directed by Professor Spolsky) on Crow language maintenance was selected as a semifinalist in the Outstanding Dissertation Award Competition sponsored by the
National Advisory Council on Bilingual Education, Thomas E. Beck, who is just completing his Ph.D. in Secondary and Adult Teacher Education, has accepted a position in teaching English as a second language at Tokyo University of Foreign Studies in Japan. Takayoshi Makino completed his Ph.D. with an emphasis in linguistics in the Department of Educational Foundations this spring; he has returned to his teaching position at Hokkaida University in Japan. James Hamilton, who received his M.A. in Anthropology in Spring 1978, received a fellowship to attend the Linguistic Institute at the University of Illinois last summer and is currently enrolled in the doctoral program in linguistics at the University of Texas-Austin. James Cranfill, who completed the M.A. in Philosophy last spring, will be entering the UT-Austin linguistics doctoral program this summer. Nan Elsasser, an Educational Foundations Ph.D. candidate emphasizing linguistics held a Fulbright-Hays junior lectureship this academic year at the College of the Bahamas, Nassau; she has accepted a regular teaching position there effective this fall. Alice Neundorf, another linguistics-emphasis Ph.D. candidate in Educational Foundations, will be accepting a fulltime position in Navajo here at UNM this fall.

4. Lectures and Visitors.

The Department enjoyed an exceptionally exciting year of special lecture activities, all of which were arranged and/or promoted by the Duke City Linguistics Circle under the able leadership of Tomás Butchart as student president and Professor Oller as faculty advisor. The DCLC directly sponsored five lecturers this year:
Martin Dovink (graduate student in Elementary Education, UNM), "TESL on the Tundra" (Oct. 11).

Nancy Frishberg (Hampshire College, MA), "Folk Genres in American Sign Language" (Oct. 29).

Elizabeth Bates (University of Colorado), "The Emergence of Symbols in Language and Action" (Nov. 30) and "Pragmatics and the Acquisition of Grammar" (Dec. 1).

Donald Frantz (University of Lethbridge, Canada), "Relational Grammar" (Mar. 22).

Amy Zaharlick (University of Albuquerque), "Linguistic Research at Picuris Pueblo" (Apr. 4).

The Department joined other university units in sponsoring a variety of other major lectures. A lecture series co-sponsored with English and Philosophy, with the support of Arts and Sciences and Graduate Studies, brought the following to campus:

M. Paul Grice (University of California-Berkeley), "Reasoning" (Nov. 10).


Zelda Boyd (CSU-Keck) and Julian Boyd (UC-Berkeley), "Actions and Happenings in Literature" (Apr. 26) and "Big Two-Hearted River: Acts and Processes" (Apr. 27).

In conjunction with the Latin American Institute and Modern and Classical Languages we also sponsored:

Juan M. Lope Blanch (Universidad Nacional Autonoma de Mexico), "El verdadero espanol de America" (Mar. 6).

Finally, the Department co-sponsored with Computing and Information Sciences and Philosophy, with the support of Arts and Sciences and Graduate Studies:

P. Stanley Peters (University of Texas-Austin), "How Semantics Helps to Keep Syntactic Structures Biologically Computable" (Apr. 12).

In addition, the Department profited from and contributed to the past year's success of the New Mexico TESOL Association activities, so artfully orchestrated by Professor White. Highlighting the fall
conference held at the Convention Center on October 27 was a presentation on "ESL in Bilingual Programs" by Mary Galvan of the international TESOL organization. The spring conference at the Ramada Inn East on April 7 featured major addresses by Virginia French Allen of Boulder ("What Teachers Can Do to Improve Students' Reading"), Professor Oller ("Reflections on Pragmatics and Language Learning"), and Professor Spolsky ("The '0' in TESOL"), and presentations by 19 other persons, over half of whom were members of our faculty and current or past linguistics graduate students.

5. Degree Programs.

After two years of planning and development, the innovative interdisciplinary doctoral concentration in Educational Linguistics within the COE doctoral program was finally approved this spring for initial admission of students in Fall 1979. This highly selective program (permitting a maximum of four admissions per year) stabilizes and strengthens one of the Department's major contributions to doctoral training. The concentration is directed by an interdisciplinary committee of twelve faculty representing seven departments in A&S and COE; ten of these faculty are members of the Voting Faculty of Linguistics. Professor Brodkey has been elected coordinator for the concentration, which will function administratively through the Department of Educational Foundations. The concentration program requires coursework equivalent to the M.A. in Linguistics and permits four major areas of study: language acquisition, language teaching, evaluation and testing, and sociolinguistics.

No changes were made in the Department's B.A. and M.A. programs during 1978-79.

The Intensive English Institute, co-directed by Professors Brodkey and Gerald Slavin, was initiated in 1978-79 providing intensive English language instruction to approximately 15 foreign students each semester. This program, which is expected to expand gradually over the next few years, represents a major advance for the university in addressing the needs of potential entering students, who previously had to go to other states to receive such instruction. As a proving ground for theory and practice in language learning and teaching, the IEI has a special relationship with the Department of Linguistics, which serves the Institute administratively in the appointment of instructors. Dennis M. Muchinsky was appointed as a fulltime instructor in the program.

B. Future Plans and Recommendations

1. Faculty

This Department continues to struggle for interdisciplinary excellence within a disciplinary university structure. The major obstacle in the struggle in 1978-79 continued to be faculty appointments. The budget cut eliminated the psycholinguistics position in the Psychology Department and threatened to eliminate the Navajo position in Modern and Classical Languages. The psycholinguistics position represents another tremendous loss to the Department of Linguistics, a loss signaled only in part by the lack of staff to teach the Introduction to Psycholinguistics, a core course required of all undergraduate and graduate majors. The major academic objective of the Department must be a restoration of the psycholinguistics position,
recouping of linguistics strength in Anthropology and Communicative Disorders, and striving to meet the additional faculty needs specified in the 1978 NCA decennial report.

2. **1980 Institutes.**

Steady progress is being made in planning the 1980 Summer Session hosting of the 50th annual Linguistic Society of America's Linguistic Institute, now expanded to include the 2nd annual TESOL Institute and the 6th annual Summer Institute of Linguistics for Native Americans. To date, 25 visiting faculty and 12 local faculty have been selected to offer 46 courses. External support for faculty has been pledged by the LSA, the TESOL organization, SIL\&H, New Mexico State University, the University of Arizona, the Council for International Exchange of Scholars, and the Center for Applied Linguistics. Plans for 15 conferences and symposia are being developed. The coming year will be devoted to crystallizing the past two years' planning for this unprecedented activity.

3. **Research.**

A variety of proposals for outside funded research projects for the coming year have been developed. Four different proposals for major undertaking have been submitted to NIE: Professor Oller is seeking funding for a three-year study of language proficiency and educational-psychological tests. Professors Spolsky, Ortiz, and Guillermina Engelbrecht have proposed a three-year study on the sociolinguistics of literacy. Professors John-Steiner and Weigle are again pursuing substantive, long-range funding for their exploration of gender-linked teaching styles, for which they have continued
to do pilot research this past year with support from this Department and the Research Allocations Committee. Finally, Professors Hudson-Edwards, Spolsky, and Anita Pfeiffer have prepared a proposal for a two-year ethnography of communication study of a Navajo bilingual community.

C. Appointments to Staff.

Two additions to the Department's Voting Faculty were made in 1978-79: Professor Butt (Communicative Disorders) was appointed to the vacancy created by the retirement of Fred Chrest, and Professor Civikly (Speech Communication) was appointed to temporarily replace Professor Conrad during her leave of absence.

D. Separations from Staff.

Professor Carol Conrad (Psychology) took a leave of absence for 1978-79 and submitted her resignation early this year; the position was subsequently eliminated (see B.1 above).

Professor Zints (Elementary Education), a founding member of the linguistics program, has decided to resign from the Voting Faculty effective this spring in anticipation of his retirement from the University in Spring 1980.

XI. Faculty Information

The following information on activities is limited to those members of the Voting Faculty who hold full or joint appointments in the Department. The information is also generally limited to activities of calendar year 1978.

4. Publications

Garland D. Bills

Vera John-Steiner

John W. Oller
"How Important is Language Proficiency to IQ and Other Educational Tests?" In Language in Education (above) pp. 1-16.
"Attitudes and Attained Proficiency in ESL: A Sociolinguistic Study of Japanese Learners at the Secondary Level."


Co-editor: Robert L. Cooper.


"American Indian Bilingual Education." Chap. 11 of Case Studies in Bilingual Education (above).


"Introduction: Linguists and Language Testers." In Approaches to Language Testing (above), pp. v-x.


Rodney W. Young


5. Other Research Projects or Creative Work.

Alan Hudson-Edwards


Vera John-Steiner

Gender-Linked University Teaching Styles, UNH Research Allocations Committee.

Rodney W. Young

"UNH and ACT: A Longitudinal View, 1977-78" (1978).

"UNH and ACT: A Year by Year Profile, 1978-79" (1978).

"Third Annual Report on the Undergraduate Assessment Program." Proposal: CEEP General Credit by Means of ACT.
6. Activities in Learned and Professional Societies

Gerland D. Bills


Session chair, annual meeting of Linguistic Association of the Southwest, Phoenix, November 1978.

Member, Committee on Linguistic Institutes and Fellowships, Linguistic Society of America (meeting in Urbana, IL, March 1978).

Member, Executive Committee, Linguistic Association of the Southwest.

Member, Editorial Board, Journal of LASSO.

Also attended: summer meeting of Linguistic Society of America, Urbana, IL, July 1978; annual meeting of Linguistic Society of America, Boston, December 1978.

Larry F. Corbet


Alan Hudson-Edwards


Vera John-Steiner


Member, Multicultural Committee, National Association of Education of Young Children.

Speaker at AZRA, CEMREL, American Orthopsychiatric Association, New Mexico Bilingual Association, and New Mexico Tech.

John W. Oller


John W. Oller


Member, Executive Committee, International TESOL Organization.

Bernard Spolsky


"The Language Barrier to Education." Paper (plenary address) presented at annual meeting of international TESOL Organization, Toronto, November 1978.

President, international TESOL Organization, 1978.

Secretary-Treasurer, American Association for Applied Linguistics.

Member, Board of Trustees, Center for Applied Linguistics (and member of Board's Executive Committee and Nominating Committee).
Bernard Spolsky

Member, Advisory Screening Committee in Linguistics, Council for International Exchange of Scholars.
Member, Advisory Board, Institute for Social Educational and Linguistics Research.
Member, Advisory Committee, ERIC Clearinghouse on Languages and Linguistics.
Chairman, Council of Graduate Deans of New Mexico State Universities.
Member, Committee on Minority Graduate Students, Council of Graduate Schools.

Rodney W. Young

"CLEP General Credit by Means of ACT."

7. Other Professional Activities.

Larry P. Gorbet

"Are Complamantizers Case-Markers in D1egueño?" Invited talk University of Washington Linguistics Department, Seattle, June 1978.

John W. Oller


Lecturer and consultant, Defense Language Institute, Lackland Air Force Base, San Antonio, TX.

Consultant on language item in 1980 Census and on language testing, Resource Development Institute.

Bernard Spolsky

Consultant for Ford Foundation on Center for Applied Linguistics.
### 8. Non-teaching University Service (all these faculty are also members of the Planning Committee for the 1980 Linguistic Institute and members of the Educational Linguistics doctoral concentration faculty)

<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rodney W. Young</td>
<td>Consultant, English Language Skills Laboratory/Freshman Foundation Program, West Virginia State College, Consultant, English Composition Project, New Mexico Tech.</td>
</tr>
<tr>
<td>Garland D. Bills</td>
<td>Chair, Linguistics, Chair, Search Committee for Navajo, Modern and Classical Languages, Director, 1980 Linguistic Institute.</td>
</tr>
<tr>
<td>Larry P. Gorbet</td>
<td>Chair, Graduate Committee, Anthropology, Graduate Committee, Arts and Sciences, M.A. Examination Committee, Linguistics.</td>
</tr>
<tr>
<td>Alan Hudson-Edwards</td>
<td>Undergraduate Advisor, Linguistics, Graduate Committee, Arts and Sciences, M.A. Examination Committee, Linguistics.</td>
</tr>
<tr>
<td>Vera John-Steiner</td>
<td>Academic Freedom and Tenure Committee, Research Policy Committee, Graduate Committee, Linguistics.</td>
</tr>
<tr>
<td>John W. Oller</td>
<td>Humanities Promotion Committee, Arts and Sciences, Faculty Advisor, Duke City Linguistics Circle, Policy Committee, Linguistics.</td>
</tr>
<tr>
<td>Bernard Spolsky</td>
<td>Provost’s Council, Council of Academic Deans, Faculty Senate Committee on Graduate Programs and Standards, Promotion and Tenure Advisory Committee.</td>
</tr>
<tr>
<td>Rodney W. Young</td>
<td>Student Records Committee, Information Exchange Group, Visiting Lecturers Committee, M.A. Examination Committee, Linguistics.</td>
</tr>
</tbody>
</table>


Bernard Spolsky  Akiba Day School Education Committee. Board of Directors, Jewish Community Council.
During the academic year 1978-1979 the Department provided instruction to 10,840 students totalling 35,246 credit hours (these figures reflect the 21-day status). This is a decrease of 82 students and 100 credit hours compared to the Academic year 1977-78.

I. GENERAL DEPARTMENT INFORMATION.

A. SIGNIFICANT ACHIEVEMENTS.

Our newly revised graduate program shows early signs of success in some areas, although it is too early yet to know if it will fulfill the hopes we have placed in it. The new program provides for degree programs in three subject areas: applied mathematics, pure mathematics, and applied statistics. We have been very successful in establishing practicum projects in local and regional industry for our students in applied mathematics and statistics. This innovative feature of the graduate program is a key aspect of the effort to attract new students. If the practicum projects prove successful, this will be a strong inducement for students to study here. Our program is not yet well known due to a lack of time to disseminate appropriate advertisements. We have now printed up brochures describing the new graduate programs and sent these out to numerous schools and agencies. Nevertheless, we must engage in a more vigorous effort to recruit students and make the mathematical public aware
of the advantages of our programs. Next year's crop of new graduate students should give us a better idea of how effective our efforts have been.

While the Department is expending much energy to revitalize its graduate program, it finds itself besieged at the other end of the spectrum (at the remedial level) with increasing demands. In accordance with a directive from the Provost's office, we will be establishing so-called Basic Skills courses for students who need remediation at a level lower than our current Math 120 course. Since Math 120 is essentially ninth grade through half of eleventh grade high school algebra, this means that the Basic Skills course (to be labelled Math 100) will be about one half seventh grade arithmetic and one half introductory algebra! We are quite concerned with this development and there has been much resistance to the request from the Administration to institute these classes, but we will comply with these requests as best we can. Nevertheless, the Department was successful in securing approval from the College of Arts and Sciences that neither Math 100 nor Math 120 be counted toward graduation in that College. Also, a Department-sponsored resolution imposing a 'sunset-law' provision for these Basic Skills courses was approved. We will follow these developments closely and work for means by which there will be no need for the Department to assume responsibility for this remedial effort.

Due to the current budgetary squeeze, the Department lost its funds for the high school contest for the coming academic year. We will try to recover these funds so that we can continue
the contest, an activity that provides the Department with its main point of contact with the public schools.

Also, the Department lost a replacement position in algebra. Dr. Kiefe was turned down for renewal of her three-year contract and we attempted to fill her position. The two persons to whom we offered the position turned us down and the Dean felt that, given the cut-backs in staff that he had to enforce this next budget period, the Department of Sociology needed the position more than we did. Thus, the low funding levels for the next budget period have hurt our Department.

On a more positive note, the Department continues to make significant strides in its efforts to encourage minority student participation in mathematics and the sciences in general. The Minority Access to Research Career (MARC) Program continued its second year of operations. This $86,000 per year NIH-funded program is directed by Richard Griego and it involved five faculty members and ten undergraduate student research trainees. The program has been renewed for the 1979-80 academic year.

The Graduate Professional Opportunities Program, an HEW-funded Title IX program, provided fellowships to three women graduate students (one of whom was a minority student). The GPOP fellowships are for minority and/or women students. For the coming year the Department will have five GPOP fellows of whom four will be minorities (two women and two men).

The Department continues to offer courses especially for Native American teacher trainees during the summer under the auspices of a College of Education Program.
A major development in the area of minority-related affairs is the funding by NSF of the Resource Center for Science and Engineering for three million dollars for a four year period. Richard Griego is to be associate director of this joint UNM-NMSU project which will establish a regional consortium to improve the participation of minority groups in science and technology. Efforts will be directed to public school, as well as university levels.

The Department won a minor victory over Zimmerman Library in that we obtained the right to have current mathematics journals routed to our departmental library for our inspection and use before they are sent permanently to the Zimmerman Library. Our Department, together with the Physics Department, are the only departments that have such a routing arrangement. Of course, there is the fact that we must pay $300 per year for the privilege, but it is worth it to us.

The second three-year contract for Catarina Kiefe was denied and she will be leaving to enroll in medical school at the University of California-Berkeley.

The Department had five visitors this year; they were: Richard Bourgin (Semester I), Richard Duncan of the University of Montreal (Semester II), Michael Frese (Semesters I and II), Robert Russell of Simon Fraser University (Semester II), and Carla Wofsy of the University of Pittsburgh (Semester I and II).

Bernard Epstein underwent major heart surgery during the second semester, but he seems to have emerged from this ordeal in a much improved condition and better spirits. We hope and pray for his full recovery.
Gustave Efroymsen and Cornelius Onneweer were promoted to Full Professorship. This was Catherine Macken’s first year with the Department on a tenure-track three year term appointment as an Assistant Professor specializing in statistics.

The Department colloquium series, under the guidance of Bernard Epstein through February and David Sanchez from February through June featured 37 speakers this year. Speakers came from such U.S. schools as University of Arizona, University of California, Brown University, Clemson University, California Institute of Technology, University of Maryland, Univ. of Massachusetts, University of Pennsylvania, Rutgers University, Rice University, Stanford University, University of Wisconsin, Texas A and M, and several speakers from Los Alamos Scientific Laboratories. Foreign speakers were from University of Bochum, Germany; Akademie der Wissenschaften, Berlin; CNRS, Marseille, France; Technological University of Warsaw; Simon Fraser, Vanouver, Canada.

Enrollment figures for Graduate Students are listed for the past ten years:

1978-79  30  Full-time students,  20  part-time students.
1977-78  30  Full-time students,  11  part-time students.
1976-77  37  Full-time students,  17  part-time students.
1975-76  46  Full-time students,  34  part-time students.
1974-75  39  Full-time students,  26  part-time students.
1973-74  48  Full-time students,  25  part-time students.
1972-73  46  Full-time students,  41  part-time students.
1971-72  61  Full-time students,  64  part-time students.
1970-71  59  Full-time students,  44  part-time students.
1969-70  57  Full-time students,  46  part-time students.
Enrollment for Undergraduate Math Majors for the past seven years.

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GRADUATION

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<th>B.S.</th>
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<tr>
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<tr>
<td>1974-75</td>
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</tr>
<tr>
<td>1973-74</td>
<td>5</td>
<td>8</td>
<td>24</td>
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</tbody>
</table>

B. SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE.

The task of rejuvenating our graduate program remains our main priority as described in detail in last year's annual report.

The new development of the Basic Skills Program concerns the Department that it might be a feature of activity for sometime to come. We hope the program is phased out over the next five or so years. The existence of the program points out the need for the Department to involve itself in teacher preparation to a larger extent in the future than it has been in recent years. We need to rethink our efforts in this area.

C. APPOINTMENTS TO STAFF.

Catherine Macken joined our staff as an Assistant Professor specializing in statistics. Michael Anderson of the UNM Anderson School of Management was granted a courtesy joint appointment in our Department. Evangelos Coutsias of Cal Tech was selected to fill an Assistant Professorship in applied mathematics beginning in the Fall of 1979. This tenure-track appointment is a beginning three-year term appointment.
D. SEPARATIONS FROM STAFF.

Caterina Kiefe was denied renewal of the second three year term of her contract and she will be attending medical school at the University of California, Berkeley, next year. She is quite content with this change in career plans that she has planned for some time.

Michael Bevacqua's three-year term contract as a lecturer terminated and he took a job at a research facility in the School of Engineering.

Philip Nesbit's three year term contract as a lecturer also terminated and he is now working for the BDM Industry in Lancaster, California.
II. COMPOSITE OF INFORMATION REQUESTED ON INDIVIDUAL BIOGRAPHICAL SUPPLEMENTS.

1. ADVANCED STUDY.

None.

2. SABBATICALS, LEAVES OF ABSENCE, TRAVEL, etc.

Ralph E. DeMarr: Fall, 1978, Steklov Institute, Moscow, USSR
Richard J. Griego: Three trips to Mexico, Centro de Investigacion Del I.P.N., Mexico City, University of Guadalajara, and University of Puebla.
Cleve Moler: Sabbatical.

3. NEW SCHOLASTIC HONORS, FELLOWSHIPS, etc.

Ralph E. DeMarr: National Academy of Sciences Fellowship, awarded to travel to Moscow, USSR for sabbatical.

4. PUBLICATIONS


Roger Entringer: 'A Note on K-critically n-connected Graphs'

Bernard Epstein: 'Infinite Divisibility of Student's

Archie Gibson: 'N-Body Quantum Scattering Theory in Two
Hilbert Spaces. II. Some Asymptotic Limits,' Journal of
Co-author - Colston Chandler.
'Two Hilbert Space Scattering Theory: Recent Progress',
Few Body Systems and Nuclear Forces I, H. Zing et al.,
C. Chandler.
'Some N-Body Transition Operation Equations Containing
Channel Projection Operators', in Atomic Scattering Theory,

Richard M. Grassl: 'Skew Tableau and the Insertion Algorithms'
Journal of Combinatorics, Information System Sciences, Sept. '78

Richard Griego: 'Strong Approximation of diffusion process
by transport processes', w/L. Gorostiza, Jnl. of Mathematics
of Kyoto University.
'Convergence of Branching Transport Processes to Branching
Brownian Motion', with L. Gorostiza, Jnl. of Stochastic
Processes and Applications.
'Introduction to Proceedings of Taos Biomathematics
Conference', with D. Sanchez, Rocky Mountain Journal of
Mathematics.
'El Metodo de la Martingala', Proceedings of Congreso de la
Sociedad Matematica Mexicana, Mexico.

Theodore Guinn: 'Optimal fields for Integral Equations',
Journal of Mathematical Analysis and Applications, 1978,
Vol. 64, No. 3, pp. 592-601, co-author, V. L. Bakke, Univ.
of Arkansas; Review of Aoki
'Review of Aoki, Masanso, Optimal Control and System Theory
in Dynamic Economic Analysis', in J. of Amer. Stat. Assoc.,
1978, Vol. 73, No. 361, p. 229

Reuben Hersh: 'Introducing Imre Lakatis', Mathematical
Intelligence Vol. 1, No. 3, 148-151
'Theorems and Reputations', I. Lakatis - Book Review
'Advances in Mathematics', Vol. 29, No. 1, July 1978,
pp. 131-133
'Weyl's Theorem for Certain Operator-Valued Potentials'


'Differentiation on a P-adic or P-series Field', Linear Spaces and Approximation (1978), 187-198.


5. OTHER RESEARCH PROJECTS OR CREATIVE WORK IN PROGRESS.


Gustave A. Efroymson: The following papers were completed: 'The Riemann Mapping Theorem for Planar Nash Rings', and a joint paper with J. Rochnak: 'Real Algebraic Geometry and the Hilbert 17th Problem' -- submitted for publication.

Roger Entringer: 'A characterization of Maximum critically 2-connected Graphs', Journal of Graph Theory; 'A Sufficient Condition for Equality of Edge Connectivity and Minimum Degree of a Graph', Journal of Graph Theory; Longest cycles in 2-connected graphs with prescribed maximum degree.

Bernard Epstein: Served as mathematical consultant to Computation Division, AFRL, Kirtland AFB.


Richard Grassl: Continuing research on plane partitions, skew partitions and their generating functions.

Richard Griego: Rate of convergence of uniform transport processes to Brownian motion, w/L. Gorostiza, submitted to Journal of Applied Probability. Transport approximation of diffusion processes and application to stochastic integrals, w/L. Gorostiza, to be submitted. Research for both supported on NIH Grant RR08139, MHS Program Grant, Funding ended July 1, 1978 ($10,000).

Lian-Shin Hahn: Working on Application of Hyperfunctions to Fourier Analysis.


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A population density estimate for field mice under study with J. Scheibe, UNM Dept of Biology.

Walter T. Kyner: Research in neurobiology with Dr. G. Rosenberg.
Research in pharmacokinetics with Dr. R. Knodel.

James V. Lewis: Research on measures of efficiency of counting systems for natural numbers in present and historic cultures.

Catherine Macken: Publication of journal article based on Ph.D. research: 'Towards a Stochastic Model for the Growth of a Migratory Bird Population'.


C. W. Onneweer: On Pointwise Differentiability of Functions on a $p$-adic or $p$-series Field.
On the Definition of Dyadic Differentiation.
Pointwise Differentiation on Local Fields.

Infinite divisibility of bivariate gamma distributions; Necessary and sufficient conditions for the asymptotic normality of the sample mean in simple random sampling; Graduate text in sampling.

Steven Pruess: Alternatives to the exponential spline in tension, submitted to Math. Comp.

Clifford Qualls: Joint work with T. Huang and H. G. Tucker could result in publication on Stochastic Quadratic Forms.

David A. Sanchez: Notes on Population Models and Genetics w/H. Harpending. sponsored by MARC Grant NIH 5T32 GMO 7661-02

Ronald Schrader: Robust Analysis of Variance Based upon a Likelihood Ratio Criterion, submitted to Biometrika.
Geometry of Robust Procedures in Linear Models, submitted to Journal of the Royal Statistical Society
Analysis of Variance Based on a $L_1$ Criterion. In progress.
A Note on a Generalized Laplacian, accepted by Tensor.

Carla Wofsy: Continuing mathematical work on histamine release from basophils (involved in allergic reactions) and on population growth and distribution.

Non-Parametric Estimation of an Acceleration Parameter, with P. Pathak and R. Williams, to be published in Communications in Statistics.
A General Continuous Sampling Plan for Controlling the AOQ, with C. Tai to be published in Proceedings of International Conf. on Quality Control, Tokyo, Japan 1978.

6. ACTIVITIES IN LEARNED AND PROFESSIONAL SOCIETIES, etc.


Ralph DeMarr: National Council of Teachers of Mathematics Meeting in San Antonio, Tex 2/2/78, and also NCTM meeting in San Diego, Calif. 4/12-15/78

Gustave Efroymson: Delivered invited talk at Oklahoma Univ.


Reuben Hersh: Invited one-hour address, National Meeting
Mexican Mathematical Society - Nov.
Attended 1978 AMS National Meeting, Atlanta.
Attended NSF sponsored seminar on nonlinear equations,

Abraham Hillman: Editor, Problems Department, American
Mathematical Monthly; Associate Director, W. L. Putnam
Mathematical Competition; Elementary Problems Editor,
Fibonacci Quarterly.

Catarina Kiefe: Attended Gordon Research Conference on
Theoretical Biology and Biomathematics - June 1978

representative to the Conference Board of Mathematical
Assembled programs for the Institute of Math, Stat.
Western Regional Meeting (Eugene, Ore.) and
Annual Meeting (San Diego, Calif) in the capacity of
SMS Program Secretary for the Western Region. Attended
the San Diego Meeting
Continuing member of University Lecturer Committee,
Council President of Statistics Societies,
Refereed papers for Technometrics, Annals of Probability,
Annals of Statistics, Communications in Statistics,
Earth and Planetary Sciences Letters and a proposal for
the National Research Council.
Was a discussant on a paper at the Central Regional IMS
Meeting (dedicated entirely to Time Series Analysis)
in Ames, Iowa - May 1-5.
Walter T. Kyner: Program chairman, local chapter of ACM-SIGNUM.
Presented paper 'Inverse problems in Neurobiology' at annual meeting of American Math. Society, Atlanta, Jan.


Richard C. Metzler: Papers reviewed for Zentralblatt:


Steven Pruess: WCOC Conference, Houston, May 1978, paper presented and served on panel for workshop on basis selection.


Talk given at Los Alamos Scientific Laboratories, 1978
Chaired contributed paper session at ASA/IMS National Meetings, San Diego, Calif. 1978.

Stanly Steinberg: First Annual Workshop on Information linkage between Applied Mathematics and Industry.


7. OTHER PROFESSIONAL ACTIVITIES.

Richard C. Allen: Visiting staff member, Los Alamos Scientific Laboratory; Consultant, Air Force Weapons Laboratory.

Laura Cameron: Participated in the UNM Math Anxiety Workshop, which was sponsored by Women's Studies, Spring 1978, as a speaker and workshop leader.

A. Carasso: Consultant, Los Alamos Scientific Labs.
Invited talks at Aberdeen Proving Grounds, May 1978, Nov. 1978 dealing with 'Inverse Heat Transfer Calculations.'

James Ellison: Consultant to the ion-solid interactions group at Sandia Laboratories.


Archie Gibson: Reviewer of papers for Mathematical Reviews.
Gave two talks under the UNM Speakers Bureau Program entitled 'Optimal Gambling Strategies.'

Richard Grassl: Gave two colloquia - Nov. 11, 1978 at the University of ULM and Dec. 8, 1978 Univ. of Tubingen.
Richard J. Griego: Co-Director of National Conference of Society for Advancement of Chicanos and Native Americans in Science (w/Miguel Rios), also wrote proposal for $20,000 grant for conference from National Oceanic and Atmospheric Administration.

Half-hour T.V. appearance on KGGM-TV discussing the SACNAS Conference.

Editor of proceedings of Taos Biomathematics Conference (w/D. Sanchez) to appear in Rocky Mountain Math. Journal.

Director of $50,000 NSF Planning grant for Resource Center for Science and Engineering (Proposal was runner-up to Atlanta University for the $2.8 million Resource Center Grant; followup for second funding period continues with me as principal).

Director of Minority Access for Research Careers Program (MARC) $86,000 per year program for 5 faculty and 10 under graduate students on research projects).

Developing new calculus course for life sciences majors under the auspices of the MARC Program.

Minority Biomedical Support Program faculty participant.

Directed one graduate student and one undergraduate student on research projects. Also member of MBS Program Executive Committee.

Directed seminar on stochastic differential equations (Sem. I, 1978-79)


Invited lecturer, Ft. Lewis College, Durango, Colo, 4/7/78.

Consultant to Albuquerque Public Schools on mathematics placement.

L. H. Koopmans: Consultant on Diabetes Grant, UNM College of Medicine.

Consultant on a grant to study use of the telephone in legal hearings, UNM Law School.

Consultant on a grant for the study of the use of electromagnetic effects to diagnose cancer, UNM School of Medicine.

Initiated an informal Faculty of Statistics at UNM

Served on Dean's Committee on Undergraduate Academic Programs.

Serving on Provost's Survey Committee to assess community College needs in Bernalillo County.

Chairman of Departmental course load committee and advisory group.

On two Ph.D. committees in College of Engineering and have one Ph.D. student finishing in Spring 1979.

Served on UNM Computer Use Committee.

James Lewis: Book reviews: Tensor Analysis by P. Locke; Calculus by J. Shockley. Participated in workshop sponsored by UNM Institute for Environmental Education. Consulted on introduction of metric system in angular measure by Sandia Corp. Metric Committee.

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Merle Mitchell: Member of State Department of Education Advisory Committee. Attended meeting in Santa Fe - Jan. '78. Member of North Central Ass'n. Evaluation team for Sandia HS, Albuquerque in Feb. 1978 (3 days); Talk in Mathematics Department for Parents' Day in Sept. '78.


8. NON-TEACHING UNIVERSITY SERVICE.

Richard C. Allen: Co-director of Ph.D. dissertation. J. Morel; Chairman, Department Graduate Committee; Member Arts and Sciences Graduate Committee.

Laura Cameron: Remedial Math Coordinator; chairperson of Continuing Education Committee; member of Undergraduate Committee of the Math. Dept. and of the UNM-T-VI Task Force Committee.

A. Carasso: Chairman, Search Committee for a position in Applied Mathematics. Committee on New Program in Applied Mathematics.

Jeffrey Davis: Member of Curriculum Committee

Gustave A. Efroymson: Director of Graduate Studies for Pure Mathematics; Supervised Putnam Exam; Salary Committee for Dept.; member of graduate committee for department.

James Ellison: On several Ph.D. committees in mathematics, physics, and engineering.


Bernard Epstein: Various departmental committees, Chairman Departmental colloquium committee.


Richard J. Griego: Member, Search Committee for Associate Provost for Research and Graduate Affairs. Member Chicano Studies Advisory Committee.

Theodore Guinn: Member of the Academic Senate; President of the Faculty Club.
Liang-Shin Hahn: Member of the Graduate Committee (Math. Department); Coordinator of Math 163; Member of Committee on Studies.

Abraham P. Hillman: Departmental Committee on the Master's Examination.

Catarina Kiefe: Women's Studies Committee. Mathematics Department Undergraduate Committee.

L. H. Koopmans: Established UNM Statistical Consulting Service (with A. St. George) to be housed in the Computing Center. Several consulting contracts have been made.


Catherin Macken: Committee to recruit a new faculty member in Applied Mathematics. Subcommittee on Admissions and T.A. Selection.


Merle Mitchell: Coordinator for Math 121, Fall 1978; Member Dept. Undergraduate Committee, Fall 1978; Member of University Committee (Greater UNM Fund Allocation); Sponsor of Kappa Mu Epsilon; member Dept. Salary Committee, Spring 1978.

Phillip Nesbit: Director UNM-NCTM-ACTM New Mexico Mathematics Contest.

Pranod Pathak: Supervision of Chap's Ph.D. dissertation. Supervision of the statistical aspects of Johnny Teale's Master's dissertation in Mechanical Engineering. Preparation of the Fall '79 teaching schedule for the statistics group. Collaboration in the preparation of Graduate program in applied statistics; Assistance in evaluation of Onneweer's research; travel committee, etc.

Steven Pruess: Director of Department's graduate studies, Master's Exam Committee, and University Library Committee member.


David A. Sanchez: Chairman - Search Committee for Associate Provost, Community Education (appointed Aug. 1978)


Carla Wofsy: Directed mathematical biology research projects of two students in a Minority Access to Research Careers Program.

9. PUBLIC SERVICE:

Gustave Efroymson: President, New Mexico Mountain Club.

Archie Gibson: Tribal Chief in Indian Guides.


L. H. Koopmans: Tour leader, New Mexico Wheelmen Bicycling Club.

J. V. Lewis: Director, N.M. Citizens for Clean Air and Water, Tunstee, N.M. Conservation Coordinating Council. Member, Albuquerque Open Space Task Force; Member, Albuquerque Bikeway Committee.


Clifford Qualls: Board of Trustees, Director of Christian Education - First Family Church, Albuquerque.

10. PERSONAL INFORMATION.

Catarina Kiefe: Obtained legal permanent residency, 2/78.


The Report of the Department of Modern and Classical Languages
July 1, 1978 - June 30, 1979
Sabine R. Ulibarri, Chairman

I. General Information

A. Significant Achievements.

1. Departmental Organization: Chairman: Sabine Ulibarri;
   Assistant Chairman: George Peters. Language section coordin-
   ators: John Bergen (Spanish), Patricia Murphy (French), George
   Peters (German), Natasha Kolchevska (acting, Russian), Jack
   Tomlins (Portuguese), Warren Smith (Classics), Alice Neundorf
   (Navajo), Pearl Wu (Chinese). Administrative appointments outside
   the Department: Garland Bills (Chairman, Department of Linguistics),
   Julian White (Associate Dean, College of Arts and Sciences).

2. New Programs.

   a. Spanish Section. During Semester II the Spanish Section insti-
      tuted a highly successful continuation program to its Special
      Spanish course (15 hrs. of lower division Spanish in one
      semester). Called Special Spanish II, this series of upper
      division courses enables students to enroll in five language,
      literature, and culture courses in one semester, for a total
      of 15 hours. The program was coordinated by Shirley Mangini-
      González.

   b. French Section. A new double major, designed for students who
      present two majors. The intent is to encourage students in
      Journalism, Business, etc. to acquire enough French so that
      they can function in international affairs. Also, revitaliz-
      ation of French 440 (Teaching of French) to give the TA's a
      more structured orientation to teaching.

   During the first semester, the French program was evaluated by a
visiting committee. The new double major is one result of the committee's generally favorable report, which concludes, in part, "This is a hardworking faculty, competent, vital and energetic, whose scholarship is undoubted. The students find them approachable and helpful. They give encouragement and help to the students to study abroad and to find graduate schools. They are active in taking French to the community. There is a strong basis of talent and dedication to build on..."

c. Classics Section. Classics has made changes in requirements for the major that allow students greater flexibility in choice of courses (those offered both in and outside of the Department). An important trend of the Classics program is that it has moved into closer cooperation with the Philosophy Department in several areas. Specifically, Greek 302 will be offered on an annual basis as "Plato and the New Testament" and will be jointly listed as part of the Philosophy Department's Religious Studies Program. The Philosophy Department is now seeking an outside reader for dissertations, and Professor Smith has sat on the committee of two philosophy students who have chosen to write on Greek Philosophy. The Philosophy Department has maintained and expanded its offerings in Ancient and Medieval philosophy as well as in Bible and New Testament; a significant number of its students elect courses in Greek and Latin.

d. Portuguese Section. Professor Tomlins has added two new seminars to the doctoral program under the number Portuguese 560: 1) Prose Fiction of the Orpheu Generation (1915-1927), 2) Portuguese Prose Fiction: Presença to the Present.
e. German Section. The proposal for a Master of Arts Degree in German Studies through the Taos German Summer School has been approved by all on-campus agencies and committees. Pending final approval by the Board of Regents and the BEF, it will go into effect in the Summer of 1980.

3. Cultural and Social Activities.

a. Spanish Section.
   i) Under the Co-directorship of Dick Gerdes and Jon Tolman, the Spanish Section ran a year-long Spanish Poetry Reading Series ("El poeta y el pueblo"). Funding came from the New Mexico Humanities Council. Participating graduate students and faculty from this Department and the Department of Music gave a total of eleven presentations in different cities and communities throughout the state of New Mexico.
   ii) Several members of the Spanish Faculty read papers at national and regional conventions. See Section II of this report.
   iii) Professor Bergen continued as New Mexico State Director of Sigma Delta Pi, the National Hispanic Society.

b. French Section.
   i) Visiting Lecturer: Ronald Tobin, Chairperson, French Department, University of California at Santa Barbara (Topic: "Racine and Adler").
   ii) Throughout the year the French for Children and French for Adults classes were held each Saturday.
   iii) The annual French Weekend for high school and university students was again held in Glorieta, March 23-25, 1979.
   iv) Scholarships awarded: Alliance Française, $500 to
Teresa Concepción; Connaissance de la France, Patricia Mulhern, James McClanahan, Jan Usinger. Plus 13 scholarships to attend the French Summer School.

v) The first session of the French Summer School in Taos was successfully held from June 9-July 12, 1978 in the Taos Ski Valley. The second session is planned for June 8-July 11, 1979.

c. German Section

i) The German Summer School of New Mexico had its third successful session from June 9-July 12, 1978 in the Taos Ski Valley. Forty-two students and twelve faculty members, plus numerous guest lecturers, participated. Distinguished faculty included: Professor A. Leslie Willson, University of Texas at Austin; Dr. Manfred Heid, Director of the Language Program, Goethe House New York; Jutta Schwarz-Mendelssohn, actress, Vienna, Austria. The fourth session of the Summer School is planned for June 15-July 18, 1979.

ii) German for Children classes sponsored by the Department and conducted by Joan Winter, continued successfully throughout the year.

iii) The seventh annual German Weekend for high school and university students of German was held in Glorieta, March 23-25, 1979.

d. Portuguese Section.

Professor Tomlins was interviewed for the Voice of America in Washington, D.C. on the subject of UNM's Portuguese program.

e. Navajo Section.

Two students will have completed a live-in arrangement with a Navajo family by the end of May. These students wish to learn
to speak the Navajo they have learned in class with a family. This is an open-ended project; the family and student decide how long they wish the project to be and what activities will be involved. It is a very personal learning arrangement both for the student and family. There will be more such arrangements in the future.

f. General.

i) The French and German Sections, together with the European Studies Program and the Comparative Literature Program will sponsor a major exhibit on Art Nouveau in the Albuquerque Public Library during the months of June and July. The exhibit comes from the Goethe Institute of the Federal Republic of Germany. Several talks are scheduled in conjunction with the exhibit.

ii) The annual Department party was held in the International Center on the evening of May 4, 1979.

g. Comparative Literature.

Professor Peter Pabisch assumed the Directorship of the Program from Professor Murphy as of June 1, 1979.

B. Significant Plans and Recommendations for the near future.

1. Planning continues for the establishment of training programs for bilingual-bicultural teachers in language, linguistics, literature, and culture. Professor Sam Guyler holds a USOE Title VII grant for this purpose.

2. The Spanish, French, and German Sections continue to seek ways to integrate their programs with other programs on campus, specifically in the areas of Business, European Studies, and Comparative Literature.
C. Appointments to Staff.

1. Diana Robin, Visiting Instructor of Classics, successfully completed requirements for the Doctorate at the University of Iowa on May 7, 1979, and will be re-appointed as a full-time Assistant Professor in the Fall of 1979.

2. Alice Omaggio has been appointed as an Assistant Professor of French, effective Fall, 1979.

3. Erlinda Berry has been appointed as an Assistant Professor of Spanish, effective Fall, 1979.

4. Joan Lefkoff has been appointed Office Manager, effective June 1, 1979.

5. Bernadette Aragón has been appointed Departmental Secretary, effective May 14, 1979.

D. Separations from Staff.

1. The Department has suffered a profound loss in the deaths of two of its long-time members: Professor León Márquez (Spanish) and Professor Rosemarie Welsh (German).

2. Professor William H. Roberts retires from the Department at the Spring semester, 1979.

3. The position of Dr. June Carter has been eliminated, effective Fall semester, 1979; however, Dr. Carter will fill the position of Professor Gerdes for one year while he is on leave.

4. Mrs. Ann Johnson retired as Office Manager on June 2, 1979, after many years of faithful and dedicated service.

5. Mrs. Dolores Sánchez-McGlotten resigned as Department Secretary in April, 1979.
II. Composite of information requested on individual biographical supplements.

1. Advanced Study - none

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc.


   g. Enrique E. Lamadrid. One month of travel in Mexico bringing myself up to date in the language and cultural life of that country and collecting materials for use in my courses and textbooks. Several days were spent in Cuernavaca observing the program at the Cuauhnahuac Institute where many UNM students go after taking our Spanish courses.

   h. Byron Trent Lindsey. Sabbatical, academic year 1978-79: Resident Director, American Council of Teachers of Russia program, Pushkin Institute, Moscow, USSR.

   i. Raymond R. MacCurdy. Twenty-eight day trip through Latin America.


   l. George Frederick Peters. Sabbatical leave Semester II, 1977-78; research at University of Oregon, Portland State University and Stanford University.
m. William H. Roberts. Northern Mexico, January - travel.

n. Alfred Rodríguez. Sabbatical: Fall semester, 1978. Travel during this period to Spain, Belgium, France and Germany.

c. Warren S. Smith, Jr. Sabbatical during the Spring semester, with brief trips: to Berkeley, California for research, and to Carlisle, Pennsylvania for an editorial conference.

p. Jack E. Tomlins. Co-directed (with Professor Gerald M. Slavin) UNM Summer Session in Lisbon, summer 1978 - eight doctoral candidates and two advanced undergraduate students of Portuguese. Also taught doctoral seminar and one class of advanced conversation.

q. Sabine R. Ulibarri. Directed workshop for bilingual teachers in Taos, New Mexico.

r. Neddy A. Vigil. Short summer course in Portugal.

s. Gerald M. Slavin. Co-directed UNM summer session in Portugal, conducted seminars in technical assistance in Brazil, participated in workshop sponsored by the Partners of the Americas and FONAPAS in Puebla, Mexico.


3. New scholastic honors, fellowships, etc.

a. Dick C. Gerdes. Awarded $4000 Organization of American States Research Grant to Peru. Awarded Fulbright-Hays Faculty Overseas Research Award (12 months, Lima, Peru). Awarded UNM College of Arts and Sciences Summer Research Award (Summer, 1979). Awarded The School of Criticism and Theory Tuition Scholarship (Summer, 1979).

b. Jack E. Tomlins. At the October, 1978 annual convention of Rocky Mountain Modern Language Association (currently Past President), named Presiding Officer of newly-formed Luso-Brazilian Literature section for coming convention in Albuquerque, Oct. 1979. Awarded a post-doctoral grant from the Gulbenkian Foundation (Summer 1979) in order to
complete my research on the trilogy by the novelist B. Almeida Faria: A Paixão/Cortes/Cabo Não. Also, I will continue research on the post-revolutionary novel in Portugal.

c. Sabine R. Ulibarri. Was named a member of the prestigious Academia Norteamericana de la Lengua Española, New York, N.Y.

d. Gerald M. Slavin. Awarded Fulbright Grant for educational specialists to Germany.

4. Publications.


k. Natasha Kolchevska. Two translations, each 15-20 pages, in Yugoslav Perspectives on American Literature, Ann Arbor, Ardis Press.


r. George Frederick Peters. REVIEWS: Gertrude Wasseem, Das kontrollierte
Herz, (Monetshefte). Jeffrey Sammons, Literary Sociology and Practical Criticism, (Modern Austrian Literature).


5. Other research projects or creative work in progress or completed during period.


d. Pelayo H. Ferández. In progress: gathering material for a future textbook with the provisional title of Text Analysis for the University Level. Working at the same time on another projected book on Ramón Pérez de Ayala, in this case, with concentration on him as an essayist.

e. Angel González. Aproximaciones a la poesía de Antonio Machado (completed during period). "Mi poesía y yo" (Id. - Publicaciones de la Universidad Internacional "Menendez y Pelayo").


h. Robert Hofzapfel. Hesse Project in progress.

j. Enrique E. Lamadrid. Currently involved with colleagues from the University of Texas in the preparation of revised editions of several of my earlier works.


m. Patricia Murphy. BOOK REVIEW: on two volumes of Studies on Voltaire and the 18th century to be published in French Review. Revised version of paper on depiction of madman submitted to Eighteenth-Century Studies.


o. Peter K. Pabisch. Grant by the German Academic Exchange Service (DAAD) for 2 1/2 months to study German dialect literature. Grant by the Austrian Society for Literature to study the literary work of author Hilde Spiel. Research grant by UNM to cover costs for printed material and books in connection with the above mentioned projects.

p. George Frederick Peters. Submitted for publication, article: "Heine and the Myth of Passion" (to Festschrift for Edgar Lohner). In progress: two book reviews (for Monatshefte and Modern Austrian Lit.). Continued work on First-Year German Text, Using German (with R. Jespersen), to be published in 1979 by Harper and Row.

r. William H. Roberts. Exhibits of oil monoprints and paintings in three shows at The New West Gallery, Albuquerque, extending throughout the fall.


v. Jack E. Tomlins. Currently writing two articles: "Artistic Unity in
Almeida Faria's Trilogy: *Rumor Branco, A Paixão, and Cortes,* plus a translation of this trilogy for North American publication; "Forty Years of Poetry by Jorge de Sena: A Critical Retrospective."


y. Rosemarie Welsh. Working on German to English translations of poetry by Gottfried Benn.


aa. Gerald M. Slavin. UNM/University of Sao Paulo, Brazil Exchange Program signed.


6. Activities in learned and professional societies.


b. Garland D. Bills. Professional paper read: "Notes on Pichincha

c. Pelayo H. Fernández. Member of AATSP


h. Enrique E. Lamadrid. Gave a seminar on the teaching of college Spanish at Calvin College, Grand Rapids, Michigan, Feb. Invited by the University of Texas at Arlington to participate in their Master Teacher Seminar during the summer, but was unable to accept because of prior commitments.

i. Byron Trent Lindsey. Seminar: Contemporary Russian Culture, Pushkin Institute, fall semester 1978. President, N.M.-El Paso Chapter, American Association of Teachers of Slavic and E. European Languages.


k. Patricia Murphy. Paper read, South Central Society for 18th Century Studies, College Station, Texas, March 1978, "The Depiction of the Madman in 18th Century French Comedy." Paper read at the annual meeting of ASECS in Atlanta, Georgia, April 1979, "The Theory and
Practice of Biography of the Abbé Prévost." On planning committee for meeting of South Central Society for 18th Century Studies to be held in Albuquerque, Spring 1980.


o. William H. Roberts. MLA national committee on Research in Portuguese.


t. Gerald M. Slavin. NAFSA regional and national meetings.

7. Other professional activities.


d. Dick C. Gerdes. Project Director, Lecture Series on Hispanic Culture in New Mexico, funded by the New Mexico Humanities Council, 1977-78. Co-director, Spanish Poetry Reading Series, funded by the New Mexico Humanities Council, 1978-79.

e. Sam Guyler. Chairman, Committee to develop Spanish proficiency exam for bilingual teachers in New Mexico.


g. Robert Holzapfel. Attended UNM Honors Retreat at Taos.


i. Robert C. Jespersen. Friedrich Hebbel and German Realism: Lecture in Theater Arts Dept.


n. George Frederick Peters. Lectures: Lions Club ("Germany Today"); Dept. of Theater Arts, three lectures (Age of Goethe, Goethe, Faust). Radio Interview: in Taos, about German Summer School. Local Arrangements Chairman for 1979 RMMLA Meeting in Albuquerque; nominee for Executive Board, RMMLA.


s. Jon M. Tolman. Co-director of "El Poeta y el Pueblo," a program of poetry readings and guitar music, under sponsorship of Modern and Class. Lang. and New Mexico Humanities Council, touring the state.
t. Sabine R. Ulibarrí. Lectures in Salem Oregon; Garden City, Kansas; Nashville, Tenn.; University of California at Irvine, Tucson, Arizona; Albuquerque, Estancia; Berkeley, California; Greeley, Colorado.

u. Gerald M. Slavin. Member of the Executive Committee of the National Association of the Partners of the Americas; co-directed Intensive English Institute at UNM.


8. Non-teaching University service.


c. Dinko Cvitanovic. Member of the Promotion Committee--Humanities, College of A. and S., UNM.

d. Pelayo H. Fernández. Faculty advisor.

e. Sam Guyler. Faculty advisor for Italian.

f. Robert Holzapfel. Chairman, Building Committee for Ortega Hall. Faculty advisor for UNM Mountain Club.

g. Tamara Holzapfel. Elected Secretary of Section on Spanish American Literature. Departmental Executive Committee.

i. Natasha Kolchevska. Member: Dept of Modern and Classical Languages Policy Committee; Comparative Literature Committee.

j. Enrique E. Lamadrid. Advisor to undergraduate students; coordinator of Spanish 101 classes which also includes supervision, observation, and training of graduate assistants.

k. Byron Trent Lindsey. Director, Russian language program; Comparative Literature Committee; Russian Studies Committee.

l. Raymond R. MacCurdy. Chairman, Arts and Sciences Tenure Committee.

m. Patricia Murphy. Chairperson, Comparative Literature; Head, French Section; Policy Committee of Modern and Classical Languages; Arts and Sciences Promotion Committee; Continuing Education Committee.

n. Marshall R. Nason. President's Task Force on Latin American Programs; member, Ad Hoc Steering Committee; Chairman, Senate Committee on Student Affairs and Extra-Curricular Activities; Faculty Senator for Arts and Sciences and member, Senate Executive Committee; Member, International Affairs Committee; Chairman, Search Committee for senior Latin Americanist; Director, Andean Study and Research Center; Director, Latin American Center; Director, Ibero-American Doctoral Studies program and faculty advisor for same; Member, Ad Hoc Orientation Advisory Committee; Member, Policy Committee, Modern and Classical Languages; Appointed Acting executive Director, Latin American Institute, New York, 1978.

o. Peter K. Pabisch. Committee on Interdisciplinary Studies (til Feb. 1978); Committee on European Studies; Chairman, Comparative Literature as of June 1979.

p. George Frederick Peters. Assistant Chairman, Modern and Classical Languages; Assistant Chairman and Advisor, German; Co-director, German Summer School of New Mexico, Taos; Honors Council.
q. José R. Reyna. Member, Registration and Admission Committee; Chicano Studies Faculty Advisory Committee.

r. William H. Roberts. Continuing for the second year as Chairman of the University Press Committee; Popejoy Dissertation Jury.

s. Alfred Rodríguez. Undergraduate advisor, Spanish.

t. Claude-Marie Senninger. Library Committee (in department and in the library); University Senate, Chairperson, Senate Undergraduate Academic Affairs Committee.

u. Warren S. Smith, Jr. Continued as advisor for Classics program and member of Comparative Literature committee.

v. Jack E. Tomlins. Faculty advisor (undergraduate and graduate) for Portuguese; Arts and Sciences Graduate Committee; Advisory Committee for Comparative Literature.

w. Jon M. Tolman. Arts and Sciences Library Committee.

x. Sabine R. Ulibarri. Chairman, Modern and Classical Languages; graduate and undergraduate advisor.

y. Julian E. White, Jr. Chairman, Arts and Sciences Graduate Committee; UNM-APS Human Research Review Committee; UNM-Albuquerque School Liaison Committee.

z. Gerald M. Slavin. Faculty advisor to International Center.

aa. N. Alan Wilson. Chairman, Self Study Committee for Instructional Affairs for North Central Evaluation; Member, Faculty Review Committee; Chairman, Faculty Instructional Affairs Committee.


a. Dinko Cvitanovic. Member of the Social Committee, St. Pius X High School.

b. Pelayo H. Fernández. Member of the Multicultural Education Program (University of Albuquerque); Member of the New Mexico Association for

c. Robert Holzapfel. N.M. Wilderness Study Committee; Albuquerque Open Space Committee.

d. Enrique E. Lamadrid. Supporter and regular contributor to many cultural activities, especially the Santa Fe and Albuquerque Opera, the Symphony, the Boy's Choir, etc.; supporter of foreign student programs (a student from Ecuador is now living in our home).


g. George Frederick Peters. KHFM Volunteer Announcer.

h. Alfred Rodríguez. Treasurer: Alpha Chapter of Phi Beta Kappa (UNM).


j. Jack E. Tomlins. PTA Sombra del Monte School; Bluebirds; Cub Scouts.

k. Jon M. Tolman. Boy Scouts, Troop 207 (Troop Committee Chairman).

l. Sabine R. Ulibarri. Member of New Mexico Humanities Council.

m. Julian Eugene White. Lay Reader and teacher in Adult Sunday School at St. Peter's Anglican Catholic Church.

n. Neddy A. Vigil. Board member, Peanut Butter and Jelly Infant and Family Therapeutic Pre-school.

I. General Departmental Information

A. Significant achievements during the academic year, 1978-79.

1. Personnel

This has been an unusual year as far as teaching faculty are concerned. Four regular members of the departmental faculty have been absent. Associate Professor Matthieu Casalis has been on sabbatical in Japan, India and Nepal engaged in research on Buddhism. Assistant Professor Don Lee has been on sabbatical in Europe doing writing in social and political philosophy. Associate Professor Tuttle, Departmental Chairman, has held an Exchange Professorship at the University of Duisburg in West Germany. Professor Paul Schmidt was on Leave Without Salary, spending much of the year in Mexico completing a book manuscript.

Professor Haig Khatchadourian, University of Wisconsin, served as the department's second Distinguished Visiting Professor. He has stimulated interest in the study of values, with emphasis on ethics and aesthetics. Professor Helmut Girndt, University of Duisburg, was present as Exchange Professor. He has sparked enthusiasm on the part of graduate students in contemporary German philosophy.

Assistant Professor Andrew Burgess began his work with the department and served as Acting Advisor for
Religious Studies in the absence of Associate Professor Casalis. He has done a thorough analysis of courses related to religious studies which are offered in various university departments and has established an interdisciplinary advisory committee on religious studies.

Adjunct Assistant Professor Eugene Hargrove has begun work teaching half-time and editing the newly-founded journal Environmental Ethics under arrangement with the John Muir Institute. The journal's editorial office is housed within the department.

Professor Charlene McDermott has been released 2/3 time to serve as Associate Dean for Graduate Studies. Replacing her during the second semester has been Visiting Assistant Professor Peter Eggenberg whose fields of specialization are logic and the philosophy of language.

The community has been enriched with the presence of two philosophers on Sabbatical from Ithaca College and the University of Chicago at Chicago Circle, one philosopher on leave from a Japanese university, and one philosopher recently retired from Queens College.

2. Curricular developments

Enrollment in Introduction to Philosophy fell drastically during the year. This was due presumably to the new experimental format which provided for only two sections of the course. In order to re-strengthen freshman-level enrollment the following steps were taken, to go into effect during the 1979-80 academic year:
a) Five sections of Philosophy 110 (Introduction to Philosophy) will be offered each semester by faculty members assisted by Teaching Assistants. This will mean that each faculty member will offer a 100-level course at least once a year.

b) Philosophy 256 (Introduction to Logic) will be re-numbered 156. Four sections will be offered each semester by Teaching Assistants under the supervision of a faculty member.

c) Sections of 110, 156, and 111-2 (Humanities) will be scheduled in such a way that students are provided access to introductory-level philosophy courses throughout each day from early morning through the evening.

Professor Bernard Spolsky, Dean of Graduate Studies, reported that enrollment is growing at the Master's degree level and recommended that departments consider strengthening such programs and initiating procedures for active recruitment of students. The department discussed possible fields of concentration in which there is faculty expertise and adequate library holdings. It was decided to proceed with concentrations in Religious Studies and in Environmental Studies. Proposals for concentrations in Buddhist Philosophy, in the History, Philosophy, and Sociology of Science, and in Philosophy and Literature are pending action in the fall. It was decided to require a core of philosophical disciplines in which a student should demonstrate adequate background before the M.A.
in Philosophy would be offered. These include the history of ancient and modern philosophy, introductory symbolic logic, theory of knowledge, metaphysics, and ethical theory.

Previously doctoral candidates in philosophy were required to complete satisfactorily a doctoral seminar in logic. This requirement was dropped two years ago, and in its stead satisfactory completion of Philosophy 257 (Introduction to Symbolic Logic) and Philosophy 356 (Symbolic Logic I) or equivalents, was substituted. This spring it was decided to increase this requirement to include Philosophy 357 (Symbolic Logic II) or its equivalent.

3. Graduate Advisory Committee

The membership of GAC has been streamlined from five to three, each professor serving for three consecutive semesters on a staggered basis so that a new member joins the committee each semester. An attempt has been made to fully activate the committee in order to monitor carefully the work and progress of each candidate for a graduate degree in the department. This should encourage greater efficiency and higher standards in the M.A. and Ph.D. programs of the department.

4. Communication with Administrators

In an effort to foster mutual understanding between departmental faculty and those administrators who are responsible for the academic life of the university separate meetings were devoted to conversations with Dr. McAllister Hull, Jr., University Provost; Dr. Nathaniel Wollman, Dean of the College of Arts and Sciences, and
Dr. Paul Vassallo, Dean of Library Services. Ms Kathy Costa, Acting Humanities Bibliographer, joined Dean Vassallo during that session.

5. Special lectures

The Department of Philosophy joined the Departments of English and Linguistics in sponsoring a series of three lectures in which problems of language were approached from the viewpoints of the three disciplines. We also joined with Departments of Computer Information Science and Linguistics in sponsoring a lecture on the logic of computing science. In each case financial resources were made possible by Deans Spolsky and Wollman of the Office of Graduate Studies and the College of Arts and Sciences.

6. The department was pleased and honored when the first University Fellowship for an entering graduate student was awarded to Ms Barbara Peterson. Ms. Peterson received her A. B. degree in May 1979 with a double major in Anthropology and Philosophy, and has been accepted as a graduate student in Philosophy beginning with the 1979-80 academic year.

B. Significant Plans...

1. Philosophy 115 (Chicano Thought)

The department is working with the office of Research Administration to secure a grant for the 1979-80 academic year which will permit work on curricular development in Chicano Thought. Joe Anaya, a graduate student
in philosophy, who has been offering two sections of Philosophy 115 each semester during 1977-78 and 1978-79 academic years, will serve as Research Associate in the project, and will be assisted by John Trujillo, who received an M.A. in Philosophy this year and intends to continue graduate work in Philosophy. If the grant is secured the sections of 115 will be utilized as pilot projects in the program of curricular development.

2. Religious Studies Major

An undergraduate minor in Religious Studies is now offered. Plans for expanding this to make possible an undergraduate major have been developing during the present academic year under the energetic leadership of Professor Burgess. Support has come from a large number of faculty from several departments and colleges of the university, with encouragement from the office of the Associate Provost for Academic Affairs. It is anticipated that a formal proposal for implementation will be made early in the coming academic year.

3. Recruitment of candidates for the degree of Master of Arts in Philosophy

Mention has been made earlier in this report of the development of special concentrations at the Master's degree level. Active recruitment for students concerned with graduate level work in these areas will begin during the 1979-80 academic year. Some consideration has been given already to provide greater opportunity through attention to the scheduling of graduate-level courses
during evening hours for non-traditional students to complete work toward the degree of Master of Arts in Philosophy.

C. Appointments to Staff

1. Dr. Andrew Burgess, newly appointed Assistant Professor, has now terminated his first year in the department. His first three-year term contract became effective July 1978. During this academic year he has served as Acting Advisor for Religious Studies.

2. Dr. Eugene Hargrove began work as Adjunct Assistant Professor. His first annual contract took effect in July 1978. A second contract for the 1979-80 academic year has been offered and accepted. Each of these contracts has been for one-half time. The other half of his time is devoted to editing the journal, Environmental Ethics, and is underwritten by the John Muir Institute through a special arrangement with the University through the College of Arts and Sciences.

3. Dr. Peter Eggenberger began his duties as Visiting Assistant Professor in January 1979. The appointment is temporary, terminating at the end of the 1979-80 academic year, although subject to re-appointment for one year should Professor McDermott choose to continue as Associate Dean for Graduate Studies during the 1980-81 academic year.

D. Separation for Staff

None
II. **Composite Information from Biographical Supplements.**

1. **Advanced study.**
   
   None.

2. **Sabbatical leave.**
   
   a. Professor Matthieu Casalis, academic year 1978-79.
   
   b. Professor Don Lee, academic year 1978-79.
   
   c. Professor Paul Schmidt, LWOP, academic year 1978-79.
   
   d. Professor Howard Tuttle, Exchange Professor, academic year 1978-79.

3. **New scholastic honors, fellowships, etc.**
   
   a. Professor Howard Tuttle—rank of full professor granted at University of Duisburg, West Germany, 1978-79.

4. **Publications.**
   
   


5. Other Research Projects or Creative Works.


Eilstein: Book in progress: "Futurity and possibility."

Goodman: Completed a book length manuscript, "Wittgenstein and Ethics"; completed papers called "Schopenhauer and Wittgenstein on Ethics" and "Wittgenstein and Kierkegaard on Ethics."


O'Neil: Article on perception and an article on 'substance' out for consideration.


Schueler: Papers submitted but not yet accepted by professional journals: "Exclusionary Reasons: "Can Subjectivism be 'Defused'?" Completed the first draft of a book tentatively titled Morality and Scepticism.

Sturm: Request from Dialetica, Philosophy Journal of the Autonomous Univ. of Puebla (Mexico) for permission to translate and publish "Latin American Philosophy: Dependence and Originality"; Request from International Philosophical Quarterly for permission to reprint "Latin American Philosophy: Dependence and Originality".


6. Activities in learned and professional societies.


Goodman: Paper on Wittgenstein and Ethics presented to faculty seminar, Univ. of Warwick Dept. of Philosophy.


O'Neil: Attended March meetings of the American Philosophical Association in San Francisco; Presented paper listed in No. 4 above at the April meeting of the Southwestern Philosophical Assoc. in El Paso, TX.

Schmidt: Invited to give a paper at a conference on "The Evolution of Consciousness" by the Sri Aurobindo Centre, The Univ. of New Delhi and Nehru Univ. in India. Declined invitation.


7. Other professional activities.


Lee: On faculty Aesthetics Institute, Taos, N. M., one week in June 1978.

McDermott: Participated in Affirmative Action Workshop.


Tuttle: Member of the Humanities Council, UNM.

8. Non-teaching University service.


Eilstein: Served on UNM Press Committee.

Lee: Philosophy Department undergraduate and Honors advisor until June 1978.

O'Neil: Departmental Graduate Advisor and Coordinator; member, Student Standards and Grievance Committee.

Schmidt: Member of University Press Committee

Schueler: Member of the Graduate Committee of the College of Arts & Sciences, participant in Residence Hall "Raft Debate", Nov. 30, 1978.

Sturm: Acting Chairman of Department; Library Liaison of Department; Faculty Senate; Chairman, Senate Graduate Committee; Senate Executive Committee; Chairman, 'Asia Mafia'; A & S Interdisciplinary Committee; Native American Studies Advisory Committee; Latin American Concilium; A & S Latin American Advisory Committee; Faculty Advisor: Nichiren Shoshu.

Tuttle: Chairman, Department of Philosophy.


O'Neil: Chief score monitor and referee coordinator for Albuquerque Youth Soccer League; supporting activities at own church.

Sturm: Indian Pueblo Cultural Center: Board of Friends of IPCC; Chairman, Educ. Committee; Museum Docent; La 2a Iglesia Congregacional: Pianista, Membro de la Concilia; First Unitarian Church: interim pastoral work.


I. General Departmental Information

A. Significant Achievements During the Academic Year 1978-79

1. Departmental Operation

The following table shows student credit hours (averages for Semester I and Semester II) for this department over the last four years, the number of graduate students in the department (including Los Alamos courses) and the number of degrees granted. Campus faculty of this department contributed to teaching at the Los Alamos Graduate Center, with two faculty members commuting in Semester II.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>6,423</td>
<td>5,933</td>
<td>5,734</td>
<td>5,782</td>
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<td>Credit</td>
<td></td>
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<tr>
<td>Hours</td>
<td>-7.6%</td>
<td>-3.4%</td>
<td>+0.8%</td>
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</table>
### Number of Graduate Students Enrolled\(^{(1)}\)

**Semester I Figures**

<table>
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<tr>
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<tbody>
<tr>
<td>Number</td>
<td>45</td>
<td>57</td>
<td>49</td>
<td>51</td>
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</table>

### Number of Degrees Granted

<table>
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<tr>
<th>Degree</th>
<th>May 1976</th>
<th>May 1977</th>
<th>May 1978</th>
<th>May 1979</th>
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<tr>
<td>BS Physics</td>
<td>3</td>
<td>5</td>
<td>9</td>
<td>4</td>
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<tr>
<td>BS Astrophysics</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>M.S. Physics</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>6</td>
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<td>Ph.D. Physics</td>
<td>1</td>
<td>3</td>
<td>8</td>
<td>3</td>
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</table>

Appendix A gives names of Seniors and census information regarding their future plans, as well as similar information on recipients of M.S. and Ph.D. degrees.

### Sponsored Research Grants and Contracts

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<th></th>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>(1) Departmental Budget, UNM</td>
<td>$541,000</td>
<td>$602,100</td>
<td>$651,600</td>
<td>$683,600</td>
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<tr>
<td>(2) Money for grants and contracts received during the year from outside sources</td>
<td>330,880</td>
<td>290,877</td>
<td>442,290</td>
<td>571,422</td>
</tr>
<tr>
<td>(3) Overhead to University from grants and contracts</td>
<td>48,000</td>
<td>46,699</td>
<td>86,883</td>
<td>---</td>
</tr>
<tr>
<td>(4) Active grants and contracts at end of year</td>
<td>699,370</td>
<td>980,000</td>
<td>1,388,805</td>
<td>1,910,642</td>
</tr>
</tbody>
</table>

\(^{(1)}\)Includes enrollment at the Los Alamos Graduate Center
### Current Sponsored Research Support by Faculty and Sponsoring Agency

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Agency</th>
<th>Amount received in 1978/79</th>
<th>Ongoing research in 1978/79</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ahluwalia</td>
<td>NSF</td>
<td>48,100</td>
<td>48,100</td>
</tr>
<tr>
<td>Beckel</td>
<td>NIH</td>
<td>11,007</td>
<td>21,427</td>
</tr>
<tr>
<td></td>
<td>AFOSR</td>
<td>52,460</td>
<td>137,260</td>
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<tr>
<td>Bryant</td>
<td>DOE</td>
<td>50,000</td>
<td>156,000</td>
</tr>
<tr>
<td></td>
<td>DOE</td>
<td>86,000</td>
<td>212,000</td>
</tr>
<tr>
<td>Dieterle</td>
<td>DOE</td>
<td>245,000</td>
<td>910,000</td>
</tr>
<tr>
<td>Leavitt</td>
<td>DOE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wolfe</td>
<td>DOE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linsley</td>
<td>NSF</td>
<td>23,055</td>
<td>286,755</td>
</tr>
<tr>
<td>Peterson</td>
<td>NSF</td>
<td>--</td>
<td>33,000</td>
</tr>
<tr>
<td>Regener</td>
<td>NSF</td>
<td>55,800</td>
<td>106,100</td>
</tr>
<tr>
<td>Swinson</td>
<td>NSF</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>571,422</strong></td>
<td><strong>1,910,642</strong></td>
</tr>
</tbody>
</table>
Changes in course offerings during 1978/79 were as follows:

Addition:
One hour of lecture was added to Physics 493/498L and to 494/499L. The six hours of laboratory in each of these courses were reduced from six to five.

B. Significant Plans and Recommendations for the Near Future

We need to have the three "special" laboratory assistantships converted into regular graduate assistantships for a total of 18, and we need another substantial increase in regular assistantships to further improve the quality of our undergraduate teaching effort.

The continued lack of an adequate and regularly budgeted amount for equipment purchases since 1973-74, and the total loss of such a budget for 1979-80 represents a serious impediment to the department's instructional and research activities.

The loss of a faculty position at the end of Semester I, without a replacement for 1979-80, will have adverse effects upon the productivity of the department.

C. Faculty

Professor Christopher Dean died on December 12, 1978, after a long illness.
Dr. David Clark was appointed Research Assistant Professor of Physics.
Dr. Gerard Stephenson was appointed Adjunct Professor of Physics.
Dr. Michael Zeilik was promoted to Associate Professor of Astronomy for 1979-80.
Dr. Byron Dieterle and Dr. David Wolfe were promoted to Professor of Physics for 1979-80.
Dr. Victor Regener, Professor of Physics and Chairperson of the Department, retired at the end of the year 1978-79.

Dr. Marcus Price was appointed Professor of Physics and Chairperson of the Department for 1979-80.
Appendix A

(1) Information on Graduating Seniors

The following list gives names and permanent addresses of Seniors enrolled in Semester II of 1978/79, as well as their plans upon graduation.

Key:  (1) Expected graduation;
      (2) Plans to continue education at institution and in field shown;
      (3) Plans to look for work upon graduation or has job offers as shown.

<table>
<thead>
<tr>
<th>Name and Address</th>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joel Anspach</td>
<td></td>
<td>May 1980</td>
<td>Yes, Physics, UNM</td>
</tr>
<tr>
<td>1705 Mesa Vista NE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Richard D. Bolton</td>
<td></td>
<td>December 1979</td>
<td>Yes, Physics, Institution unknown</td>
</tr>
<tr>
<td>1125 Monroe, SE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>John K. Cannizzo</td>
<td></td>
<td>May 1979</td>
<td>Yes, Astrophysics, Harvard</td>
</tr>
<tr>
<td>1420 S. Whittier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deming, N. M. 88030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sean P. Clancy</td>
<td></td>
<td>May 1980</td>
<td>Yes, Astronomy, Univ. of Arizona</td>
</tr>
<tr>
<td>Rt. 9, Box 612</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silver City, N. M. 88061</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peter Denes</td>
<td></td>
<td>May 1980</td>
<td>Yes, Physics</td>
</tr>
<tr>
<td>9101 Crestwood NE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stephen Gobeli</td>
<td></td>
<td>May 1980</td>
<td>Yes, Physics, Grad. School, UNM</td>
</tr>
<tr>
<td>1004 Warm Sands Tr. SE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Carlos Gomez</td>
<td></td>
<td>May 1980</td>
<td>Yes, Physics, U. of Arizona</td>
</tr>
<tr>
<td>5008 Timberwolf</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>El Paso, Texas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daniel C. Harrison</td>
<td></td>
<td>May 1979</td>
<td>Yes, Math &amp; Phys, UNM</td>
</tr>
<tr>
<td>625 Horseshoe Trail, SE</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Albuquerque</td>
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</tr>
<tr>
<td>Name</td>
<td>Graduation</td>
<td>Position</td>
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<tr>
<td>-------------------------</td>
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<td>-----------------------------------------------</td>
<td></td>
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<tr>
<td>Robin Kim Justice</td>
<td>May 1979</td>
<td>Yes, UNM, Astrophysics</td>
<td></td>
</tr>
<tr>
<td>5600 Gibson SE, #453</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Steven Long</td>
<td>May 1980</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2812 Raymac Rd., SW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joe A. Martin</td>
<td>May 1979</td>
<td>Yes, Physics, Institution undecided</td>
<td></td>
</tr>
<tr>
<td>1040 Westerfeld NE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mark K. Seager</td>
<td>May 1979</td>
<td>Yes, Applied Math, undecided</td>
<td></td>
</tr>
<tr>
<td>1501R Wellesley SE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marc Valdez</td>
<td>May 1980</td>
<td>No plans as yet</td>
<td></td>
</tr>
<tr>
<td>P. O. Box 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrales, N.M.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>James Whitfield</td>
<td>August 1979</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7004 Dellwood NE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albuquerque</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walter L. Atchison</td>
<td>May 1979</td>
<td>1Lt, USAF, Kirtland AFB</td>
<td></td>
</tr>
<tr>
<td>3277 Pennsylvania Avenue</td>
<td></td>
<td>Albuquerque</td>
<td></td>
</tr>
<tr>
<td>Kirtland AFB, N.M.</td>
<td></td>
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</tr>
<tr>
<td>Dennis M. Braden</td>
<td>May 1979</td>
<td>CVI Laser, Albuquerque</td>
<td></td>
</tr>
<tr>
<td>7639 Toyon</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fontana, CA 92335</td>
<td></td>
<td></td>
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<tr>
<td>Robert Harrison</td>
<td>May 1979</td>
<td>Working on Ph.D., UNM, Physics Dept.</td>
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<tr>
<td>1000 Grandview Dr, SE</td>
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<td>Albuquerque, N.M.</td>
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<td></td>
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<tr>
<td>William J. Krauser</td>
<td>May 1979</td>
<td>Staff Member, Los Alamos Scientific Laboratory</td>
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<td>Raymond W. Lemke</td>
<td>May 1979</td>
<td>Kirtland AFB, Weapons Lab</td>
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<td>Craig L. Shierling</td>
<td>May 1979</td>
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<td>Robert G. Wenzel</td>
<td>May, 1979</td>
<td>Physicist, Los Alamos Scientific Laboratory</td>
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<td>Rt. 1, Box 11</td>
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<td>Santa Fe, N.M.</td>
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<td>Federica Zangrando</td>
<td>May, 1979</td>
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<td>c/o V. L. Moritz</td>
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<td>Concord, CA.</td>
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<tr>
<td>Alvin R. Larsen</td>
<td>Aug., 1978</td>
<td>Physicist, Los Alamos Scientific Laboratory</td>
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<td>43 La Paloma</td>
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II. Composite of Information Requested on Individual Biographical Supplements

1. Advanced study

A. W. Peterson
Took four community college courses in 1978.
Took a Remote Sensing course at TAC center, May 1978.

Michael Zeilik II
Workshop on College Science Teaching (Univ. of Texas), March 1978;
International Astronomical Union Symposium #83, June 1978.

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc., during the period

Harjit S. Ahluwalia
Participated and presented papers at the Solar Probe Science Workshop organized by the Jet Propulsion Laboratory of the California Institute of Technology at Pasadena, California, May 22-23, 1978. This workshop was co-sponsored by the Solar-Terrestrial Office of NASA-GSFC.

Seymour S. Alpert

Colston Chandler

C. P. Leavitt
Jan. through May, Sabbatical Leave work on Proton-antiproton bound state experiment at Brookhaven Natl Lab, Upton, N.Y.; CERN, Geneva, Switzerland, Schweizerisches Institut fur Nuklearforschung at Villigen, Switzerland.

Derek B. Swinson
Travel to Ireland Jan. 1978.

David M. Wolfe
Research Leave Physics Dept., Brookhaven National Lab., Upton, NY, all year. Visited various accelerators during the year, ZGS at Argonne Nat'l Lab, FNAL at Batavia, Ill., CERN, Geneva, Switzerland, Schweizerisches Institut fur Nuklearforschung at Villigen, Switzerland.
3. New scholastic honors, fellowships, etc.

Harjit S. Ahluwalia

Colston Chandler
Three-month stipend from the German Academic Exchange Service, Fulbright Travel Grant.

Lois M. Kieffaber
Nominated for UNM Outstanding Teacher of the Year, Spring 1978.

4. Publications

Harjit S. Ahluwalia
"Cosmic Ray Anistropy, Solar Magnetism and Heliomagentosphere." A research proposal submitted to the Atmospheric Science Section of the National Science Foundation in January 1978.
"Large Scale Interplanetary Magnetic Field Far Away from the Ecliptic Plane." An oral presentation at the Solar Probe Science Workshop, held at California Institute of Technology at Pasadena, California, on May 22-23, 1978.

Seymour S. Alpert
"The Human Body and Energy Conservation" accepted for publication in Bestways Magazine.

Charles L. Beckel
"Theoretical Energy Gradient Study of Ribose and Deoxyribose Analogues," in Proceedings of the International Symposium on
Charles L. Beckel (continued)
Biomolecular Structure Conformation, Function and Evolution,
(See #6 below.)

Howard Bryant

Colston Chandler

Byron D. Dieterle

J. D. Finley III

Lois M. Kieffaber

David S. King
David S. King (continued)

C. P. Leavitt
Charged Pion Production from Neutron-Proton Collisions at 790 MeV (submitted to Phys. Lett.) with above (*) and Glass, Jain, Northcliffe, Evans, Bonner and Simmons.

John Linsley

A. W. Peterson
"Horizontal Parallax Heights of OH Airglow Features during the 1975 Spacelab Simulation," to be presented at the American Geophysical Union Spring meeting, Miami, Florida, April 17-21, 1978 (with L. M. Kieffaber).
"OH Airglow Experiments Performed during the 1975 Space Shuttle Simulation," presented at the American Association for the Advancement of Science Spring meeting, Albuquerque, New Mexico, April 26-29, 1978 (with L. M. Kieffaber).
"Results of Airborne Infrared Airglow Experiments," presented at the American Association for the Advancement of Science Spring meeting, Albuquerque, New Mexico, April 26-29, 1978 (with L. M. Kieffaber).
Derek B. Swinson

David M. Wolfe
Charged Pion Production from Neutron-Proton Collisions at 790 MeV (submitted to Phys. Lett.) with above (*) and Glass, Jain, Northcliffe, Evans, Bonner and Simmons.

Michael Zeilik II

5. Other research projects or creative work in progress or completed during period

Harjit S. Ahluwalia
National Science Foundation Grant #ATM78-10727, $48,100, "Cosmic Ray Anisotropy, Solar Magnetism and Heliomagnetosphere," 30 months, 1978-80. This grant was awarded on July 15, 1978.
Three unsponsored research projects are in progress. They have resulted in several publications.

Seymour S. Alpert
Human energy modelling--unfunded.
Optical diffraction theory and experimentation--unfunded.

Charles L. Beckel
NIH-MBS; $11,007; same title as above; Aug. 20, 1978 to Aug. 19, 1979.
AFOSR; $52,460 (plus $2,450 in Comp Serv at KAFB); same title as immediately preceding entry; Dec. 16, 1978 to Dec. 15, 1979.

Howard Bryant
"A Demonstration Salt Gradient Solar Pond: Phase II," DOE, $50,000, 1 April 78 - 31 Mar. 79.
"Atomic Physics with Relativistic Beams," DOE, $66,000, 1 June 78 - 31 May 79.
Colston Chandler
Unsponsored research in nuclear reaction theory.

Byron D. Dieterle
Dept. of Energy, $900,000, "Nucleon-Nucleon Interactions at Intermediate Energy," 1973 to present: a) "Search for Bound States and Resonances in Antinucleon-Nucleon Systems," (Expt 701) at Brookhaven Nat. Lab, NY; b) Analysis of Data from "Pion Production in p-p Collisions" (Expt 124 at LAMPF); c) Preparation of paper "Pion Production in n-p Collisions" (Expt 129 at LAMPF); d) Preparation of paper "Test of Charge Symmetry" (Expt 279 at LAMPF); e) Defense of Proposal for "Very Small Angle n-p Scattering" (Proposal 440 at LAMPF).

J. D. Finley III
Support for travel to Mexico City was received from the Fomento Educacional, Mexico City. Support for travel to conference in Munich received from UNM.

David S. King
NSF Grant to study pulsating variable stars ($11,700) continued through Feb. 1978.

John Linsley
Principal Investigator, "The Muon Component of Cosmic-Ray Showers," NSF Grant No. PHY77-19377, $65,000 for 1st of 5 years.

A. W. Peterson

Victor H. Regener
NSF Grant on Cosmic Radiation (work in progress). Also unsponsored research.

Derek B. Swinson
Continued working on Cosmic Ray research funded by NSF under grant "Field Dependent Cosmic Ray Anisotropies in Interplanetary Space at High Rigidity," $50,300, June 1, 1976 - Nov. 30, 1978. This grant was renewed by NSF this year for an additional $55,800, with the time period extended to Nov. 30, 1980.

David M. Wolfe
Nucleon Physics Studies at Intermediate Energy, Dept. of Energy, $200,000, 1 Dec. 77 - 30 Nov. 78, ongoing project now at $860,000.

Michael Zeilik II
Michael Zeilik II (continued)
Observing trips to KPNO in Feb., Oct., and Dec. to continue program
of infrared observations of binary star systems.
Began modification of infrared polarimeter borrowed from UC-
Berkeley.
Equipped Campus Observatory to do UBVIR observations of binary
stars.

6. Activities in learned and professional societies

Harjit S. Ahluwalia
(See #2 above for meetings, and #4 above for papers.)

Seymour S. Alpert
Secretary, Laser Institute of America, Albuquerque Branch.

Charles L. Beckel
"A Functional Form for Representing Vibrational Energy Levels of
Diatomic Molecules," a paper presented at the 33rd Symposium on
Molecular Spectroscopy, Columbus, Ohio, June 15, 1978 (Co-authors:
"Representation of Diatomic Vibrational Potentials by Rational
Fractions with Correct Long-Range Behavior," a paper presented at
33rd Symp. on Mol. Spectrosc., Columbus, OH, June 15, 1978 (Co-
author: P. R. Findley).
"On Non-uniqueness of the Inverse Eigen Value Problem and the RKR
Method," a paper presented at the 33rd Symp. on Mol. Spectros.,
Columbus, OH, June 15, 1978 (Co-author: E. S. Hertel, Jr.)
Member, Publications Advisory Board, Fulbright Alumni Association.
Attended meeting of this Board and International Convention Associ-

Howard Bryant

Colston Chandler
8th International Conference on Few Body Problems in Nuclear and
Particle Physics, Aug. 1978, Graz, Austria (invited paper).

Byron D. Dieterle
International Conference on Antiproton Physics, Strasbourg (Barr)
LAMPF Users Meeting, Los Alamos, NM, Nov. 1978.

J. D. Finley III
"Spinor Structures in Hyperheavens," Colloquium given at Los Alamos,
Nov. 28, 1978.
Attended Ninth Texas Symposium on Relativistic Astrophysics, Munich,
Lois M. Kieffaber
"Correlations of Near Infrared and Visible OH Band Intensities and Fluctuations," paper presented at American Geophysical Union meeting, Miami Beach, Florida, April 17-21, 1978 (with A. W. Peterson).
"Results of Airborne Infrared Airglow Experiments," presented at American Association for the Advancement of Science meeting, Albuquerque, NM, April 26-29, 1978 (with A. W. Peterson).

David S. King
President through June 1 of local chapter of Sigma Xi (The Scientific Research Society of N. America).

C. P. Leavitt
June-July, Attended anti-proton Conference in Barr, France.

John Linsley

A. W. Peterson
American Geophysical Union Spring Meeting, Miami, Florida.
Optical Society of America Meetings, Keystone, Colorado.

David M. Wolfe
Attended IV European Anti-Proton Symposium, Barr, France, June 1978.
Was invited speaker at workshop on the AGS Future, Brookhaven Nat'l Lab, Nov. 1978.

Michael Zeilik II
"Problems of Star Formation," talk to Friday Astrophysics Group, Univ. Texas, Austin, March 1978.
"Intense Infrared Sources Near G25.3-0.1," paper presented at Rocky Mountain Astronomers' Meeting, Dec. 1978.
7. Other professional activities

Harjit S. Ahluwalia
Gave a slide-show talk on "Sikhism: A Dynamic Religion," at Manzano High School, Department of Humanities, on January 12, 1978.
Gave a slide-show talk on, "Machhu-Pichhu: The Lost City of the Incas," to members of Serotoma Club at a luncheon, on November 16, 1978.
Gave a slide-show talk on, "Cosmic Ray Anisotropy and Large Scale Interplanetary Magnetic Field," at the Department of Physics Open House on April 22, 1978.
Referee for Research Proposals submitted to the Solar-Terrestrial Physics Section of the National Science Foundation.
Developed two interdisiplinary courses on Plasma Physics:
(a) (P/NE)-435--Introduction to Plasma Physics; (b) (P/NE)-480--Advanced Concepts in Plasma Physics.

Seymour S. Alpert
Apr. 7, 78. "Energy Conservation and the Human Body or Can You Eat Like a Horse and Stay as Slender as a Rail?" P&A Colloquium.

Charles L. Beckel
Member, Navajo Science Committee--Education Subcommittee.
Consultant, Dikewood Corporation.

Howard Bryant
Referee for American Journal of Physics; DOE, Fundamental Interactions Branch, and 1978 SURP proposals.
Expert witness, Ralph Flores case, 3 Oct. 78.
"On Being a Physicist," Career Enrichment Center, 28 Mar. 78.

Colston Chandler
Seminars given in: Marseille, France (CNRS); Heidelberg, Germany (Univ. of Heidelberg); Berlin, GDR (Academy of Sciences); Zürich, Switzerland (ETH); Geneva, Switzerland (University of Geneva).

J. D. Finley III
Consultant on Calculus-based Physics Texts for Prentice-Hall, Inc.

Lois M. Kieffaber
Served on panel to evaluate proposals submitted to the National Science Foundation's Local Course Improvement Program, Los Angeles, Nov. 8-10, 1978.
Prepared and conducted intensive physics review sessions for pre-med students taking the MCAT exam.
David S. King
Taught Community College course during Spring of 1978.
Consultant to Los Alamos Scientific Laboratory.

John Linsley
Lecturer at "Walking the Dog," an interdisciplinary workshop series on conditions affecting the contemporary writer, artist and scientist, English Department, State University of New York at Buffalo, Sept. 1978.

A. W. Peterson
Reviewed three proposals for National Science Foundation.

Derek B. Swinson
Wrote material for and performed in "U.N.M. Faculty Show" and Albuquerque Press Club "Gridiron Show."
Performed music programs for Albuquerque Zoological Society, U.N.M. International Festival and for the Vortex Theater.
Performed and wrote material for U.N.M. Student Production Group Campus T.V. Show "Outlook."

David N. Wolfe
Member of Planning Committee, AGS, Futures Workshop, Brookhaven Nat'l Lab.
Appointed to a 3-year term on the High Energy Electronics Pool Committee BNL Oct. 78 - Sept. 81.

Michael Zeilik II
"Star, Birth to Death," S. F. Austin Sigma Xi Lecture, April 1978.
"Is There Other Life in the Universe?" N. C. Wesleyan College, Sept. 1978.
8. Non-teaching University service

Harjit S. Ahluwalia
Member of (a) UNM Science Colloquium Committee, and (b) UNM-Sandia Colloquium Committee.
In-charge of Departmental weekly Colloquia.
Chairperson of 4 Student Study Committees and a member of 3 more.
Faculty advisor for Indo-American Association.

Seymour S. Alpert
Senator, UNM Senate.
Member, Speakers Committee, ASUNM.
Member, Budget Review Committee, Faculty Senate.

Charles L. Beckel
Member, Minority Biomed Support Advisory Committee, until Aug. 1978.
Member, Cultural Program Committee.
Member, Physics/Chemistry/Engineering Steering Committee (We're still in garage--no steering so far.), from March 1978.
Member Physics & Astronomy Public Relations Committee: Participant in Parents' Day (Sept. 30, 1978) and H. S. Senior Day (Nov. 11, 1978) presentations.

Howard Bryant
Chairman, P&A Public Relations Committee.
Sandia-University (SURP) Ad Hoc Scientific Advisory Committee.
P&A Chairperson Search Committee.

J. D. Finley III
Member, A&S Graduate Committee.
Acting Chairman of Dept., Summer.
Chairman, Dept. Graduate Committee.
Faculty Advisor for undergraduates and graduate students.
Dept. Library Liaison.
Search Committee for new Chairperson.

John R. Green
Chairman, Committee on Academic Freedom and Tenure.

Lois M. Kieffaber
Member of Search Committee for new chairman of Dept. of Physics and Astronomy.
Member of planning committee for Math Anxiety Workshop, April 14-15, 1978, on UNM campus.

David S. King
Served on Dept. Graduate, Undergraduate and Public Relations Committees.
Advisor for Astrophysics majors.
In charge of Campus Observatory Public Night.
C. P. Leavitt
Dean's Promotion Committee.
Los Alamos Grad. Student Advisor.

Victor H. Regener
Dept. Chairperson, Physics & Astronomy

Derek B. Swinson
Member of Committee that planned and wrote UNM Faculty Show, 1978.
Member of Advisory Committee for UNM Student Production Group.

Roy Thomas
Spent many hours during the summer studying for two courses assigned to me in the fall, 542, Theoretical Nuclear Phys, and 504, Classical Mechanics.

David M. Wolfe
On leave from campus serving as thesis advisor to Carl Herrmann, UNM student, at BNL.

Michael Zeilik II
Faculty Senator on Undergraduate Academic Affairs Committee.
Representative on Continuing Ed. Committee.

9. Public service

Harjit S. Ahluwalia
Served as Judge and Chairperson of Senior Physics Section at 26th New Mexico Science and Engineering Fair at Socorro, NM.

Seymour S. Alpert
Big Brothers of Albuquerque.

Charles L. Beckel
Kidney Foundation of New Mexico, Inc.; Member of Executive Committee; Chairman of Research Committee; Delegate Trustee.

J. D. Finley III
Lecture on Black Holes to special class in Alb. Public School System.

Lois M. Kieffaber
Pianist, Director of Christian Education and Sunday School Teacher at Albuquerque Friends Church.

C. P. Leavitt
Member Governors Council on Developmental Disabilities.
Member Albuquerque Recorder Society.

A. W. Peterson
Program Chairman for Wine Judging at State Fair.
Derek B. Swinson
Taught music program for 2nd and 4th grade classes at Monte Vista Elem. School, and for Cub Scout Pack 403.
Report of the Department of Political Science
July 1, 1978 - June 30, 1979
Robert J. Sickels, Chairman

I.A. Significant Achievements.

Members of the department have worked to improve pre-collegiate education in New Mexico through participation in the UNM-APS Liaison Committee, the New Mexico State Department of Education Task Force on Civic Education, and the annual statewide high school mock trial competition and in the development of a text and other teaching materials for the newly-mandated high school civics course.

A comprehensive system for advising political science students and monitoring their progress was introduced in order, among other things, to improve the retention rate.

Approval was given for a pro-seminar in a fifth field in political science, public policy, formalizing our effort to respond to growing demand in the public sector for training in policy analysis.

First maternity leave granted in the history of the department.

I.B. Significant Plans and Recommendations.

The department expressed strong interest in re-establishing ties of some sort with Public Administration. Our developing expertise in public policy analysis should be particularly useful to students of public administration.

I.C. Appointments.

Stephen C. Craig, one-year appointment 1978-1979, Assistant Professor in American Politics.

Philip G. Roeder, Assistant Professor, August, 1978.
I.D. Separations.

Stephen C. Craig, May 1979 (though asked to teach in the 1979 summer session).

T. Lane Hurley, Assistant Professor, resigned as of the end of the academic year to accept an Associate Professorship at the University of Alabama.

II. Composite of Information Requested on Individual Biographical Supplements:

1. Advanced Study. (No faculty member responded to this section.)

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel, etc., during the period.

Paul L. Hain, Associate Professor, was on sabbatical during the spring semester, 1979, working on a high school text on New Mexico government, co-authored; a paper on the impact of career risks on office holders' behavior; and a data collection for a study of city councillors' career patterns. Robert J. Sickels, Professor and Department Chairman, was on sabbatical during the fall semester, 1978, writing a book on the American presidency. Three faculty members travelled during the period. Martha H. Good, Assistant Professor, travelled to Italy (Rome and Bologna) for a research trip, summer, 1978, and other travel in Germany and France. Paul L. Hain, Associate Professor, travelled to the San Francisco Bay area, California for five weeks in June and July, 1978, and to New York City for one week. Martin C. Needler, Professor, travelled to El Colegio de Mexico, South and West Africa.
3. New scholastic honors, fellowships, etc. Martha H. Good, Assistant Professor, received Arts and Sciences Summer Research Stipend, and Research Allocations Committee Grant, 1978-79. Martin C. Needler, Professor, recommended by President's Advisory Committee on Ambassadorial Appointments for U.S. Ambassador to Ecuador (but not appointed).

4. Publications during the period.

F. Chris Garcia, Professor:


Martha H. Good, Assistant Professor:


Article (non-academic) in Musical America, July 1978, 16-20.

Paul L. Hain, Associate Professor:


"Salaries for New Mexico Legislators?" 1200 word article for general consumption published under the auspices of the Newspaper Committee, NM Humanities Council. The article appeared Nov. 5 or 6 in the Santa Fe New Mexican, Curry County Times, Portales News-Tribune, Roswell Daily Record, and the Quay County Sun.

Peter A. Lupsha, Associate Professor:


4. **Martin C. Needler, Professor:**


"Latin America and the U.S. Energy Problem" (with Jan K. Black), syndicated in several New Mexico newspapers, various dates in October.


**James Lee Ray, Associate Professor:**


**Karen L. Remmer, Assistant Professor:**


"Public Policy and Regime Consolidation: The First Four Years of the Chilean Junta," *Journal of the Developing Areas* (forthcoming). (Article.)


**Robert J. Sickels, Professor and Chairperson:**


**Harry P. Stumpf, Professor:**

5. Other research projects or creative work in progress or completed during period.

**F. Chris Garcia, Professor:**

Continued opinion survey research project on "The Political Cultures of New Mexico," UNM Research Allocations Committee.

**Martha H. Good, Assistant Professor:**

Article completed: "The Italian Communist Party and Local Government Coalitions: From the Center-left to the Historic Compromise."

Research note completed: "The Fall and Rise of Communist Local Government in Italy."


**Paul L. Hain, Associate Professor:**

Continued studies of state politics and political careers.

**Peter A. Lupsha, Associate Professor:**


Research on narcotics trafficking and its impact on the U.S.-Mexico Borderlands.

Data collection on organized crime in the southwest.

**Martin C. Needler, Professor:**

Research in Brazil, August, on the projected transition to civilian rule, $700 grant from Inter-University Seminar on the Military and Society.

In Cuba, December, on allocation of security functions, $635 grant from UNM RAG.

Book reviews for the Western Political Quarterly, the Journal of Interdisciplinary History, and the Hispanic American Historical Review.
5. **James Lee Ray, Associate Professor:**


Review of *Moderation from Management* for the *American Political Science Review.*

Review of *Broadcasting in the Third World,* for *Social Science Quarterly.*

**Karen L. Remmer, Assistant Professor:**


**Robert J. Sickels, Professor and Chairperson:**

Completed manuscript for book entitled *The Presidency,* November 20.

**Harry P. Stumpf, Professor:**

*Community Judicial Politics,* textbook in outline stage.

6. **Activities in learned and professional societies.**

**F. Chris Garcia, Professor:**

President, Western Political Science Association, to March 1978; member (ex-officio) of WPSA Executive Council beginning March, 1978. Attended annual meeting in Los Angeles, California, March, 1978. Appointed Chairman of Ad Hoc Committee to Study Relationship between WPSA and to the *Western Political Quarterly.*


Appointed to Board of Editors of *P.S.,* quarterly publication of the American Political Science Association.

**Martha H. Good, Assistant Professor:**


Scheduled to read paper at European Studies Conference, Omaha, October 1978. Unable to attend conference due to lack of travel funds.
6. **Paul L. Hain, Associate Professor:**

Member, Membership Committee, Western Political Science Association.

**Martin C. Needler, Professor:**

Editorial Board, *Armed Forces and Society*.

**James Lee Ray, Associate Professor:**


Served on the editorial board of *Comparative Strategy*.

Refereed papers for: *Journal of Conflict Resolution, Social Science Quarterly, Comparative Political Studies, Sociological Methods and Research, International Studies Quarterly*.

**Karen L. Remmer, Assistant Professor:**

Organization of panel for 1978 LASA meeting.

**Harry P. Stumpf, Professor:**


7. **Other professional activities.**

**F. Chris Garcia, Professor:**

Television appearance on KOAT-TV "Project 7" program—a 1/2 hour discussion on public opinion survey research, October 29, 1978.

Talk to New Mexico Dental Hygienist Association, Workshop on N.M. legislative politics, November 11, 1978.

Member, Civic Education Task Force, N.M. State Department of Education.
7. Martha H. Good, Assistant Professor:

Reviewed comparative politics textbook for publisher.

Paul L. Hain, Associate Professor:

Luncheon speaker, Spring 1978 meeting of NM Associated Press Managing Editors.

Dinner Speaker, Fall 1978 Sigma Delta Chi (Professional Journalism Honorary) meeting.

Appearances on KNME-TV and on KOAT-TV to discuss New Mexico politics and government.

Consultant to News Election Service for the 1978 general election.

Peter A. Lupsha, Associate Professor:

Consultant: Governor's Organized Crime Prevention Commission.

ASUNM Speakers Committee Speaker, "The Changing Face of Organized Crime in America."

Martin C. Needler, Professor:

Consultant, Louisiana Board of Regents; Smithsonian Institution; NEH; Booz, Allen & Hamilton; AID.

James L. Ray, Associate Professor:

Review of Understanding Conflict and War, Volume 1, by Rudolph Rummel, in American Political Science Review, Volume 72, pp. 380-381.

Harry P. Stumpf, Professor:


8. Non-teaching University service.

F. Chris Garcia, Professor:

Associate Dean, College of Arts and Sciences.

UNM Faculty Senate, Spring 1978 term.

Committee on Undergraduate Academic Affairs, UNM Faculty Senate, Spring 1978 term.
8. F. Chris Garcia, Professor: (continued)

Admission and Registration Committee.

Faculty Sponsor, Christians on Campus.

University Committee on Presidential Scholars.

Search and Screening Committee, Associate Provost for Academic Affairs, April-August, 1978.

Search and Screening Committee, Director, Belen Satellite Center, Division of Continuing Education, July 1978.

UNM - Albuquerque Public Schools Liaison Committee.

Committee on UNM Outstanding Teacher Award.

Coordinator, Student Advisory Committee, College of Arts and Sciences.

Committee on Multidisciplinary Doctoral Degree Programs in Elementary Education.

UNM Minority Concerns Committee.

New College Needs Assessment Task Force.

Paul L. Hain, Associate Professor:

Chairman, University Faculty-Staff Benefits Committee.

Chairman, Political Science Department Undergraduate Committee (Fall, 1978).

Advisor to various undergraduate majors.

Chairman, Political Science Department planning committee.

Peter A. Lupsha, Associate Professor:

Member: IARS Executive Committee, Deans A & S Graduate Committee, Research Policy Committee, Policy Planning Committee for Division of Public Administration.

Director Graduate Committee, Political Science.

Martin C. Needler, Professor:

A & S Promotion Committee.

President's Latin American Task Force.
8. James Lee Ray, Associate Professor:
Recruitment committee, undergraduate committee, department executive committee, department liaison with library.

Karen L. Remmer, Assistant Professor:
Faculty Advisor, Student Organization for Latin American Studies.
Political Science department screening/recruitment committee.
Faculty Senate.
Senate Committee on Graduate Programs and Standards.
Senate Long Range Planning Committee.
Latin American Search Committee.

Harry P. Stumpf, Professor:
Chairman, A & S Committee on Academic Policy and Curriculum.


Paul L. Hain, Associate Professor:
Member, Albuquerque Airport Advisory Board (one of seven members).
Addressed various service clubs.
PTA, Cub Scout and church activities.

Peter A. Lupsha, Associate Professor:
Member of the Board, New Mexico Council on Crime and Delinquency.

Martin C. Needler, Professor:
Performed, Faculty Show.
Linesman, Youth Soccer League.

James Lee Ray, Associate Professor:
Department's United Fund Key person.
Introduction and Summary. This was again a productive and successful year for the department of psychology. We hired one new faculty member, again with the major objectives of broadening our range of offerings, reducing the size of freshman courses, and further reducing our dependence on part-time faculty. Psychology continues to have a very high student-faculty ratio in the College of Arts and Sciences (and the University). No major changes were made in our undergraduate and graduate program; these programs were reviewed extensively two years ago. At that time the faculty reaffirmed its emphasis on an integrated graduate program with a core focus on the experimental psychology of learning. The department continues with the four basic areas of clinical, developmental, learning, and psychobiology. The strong departmental honors program was maintained. The recruitment of minority and women students was continued and the department continued its effective advisement of students.

Our UNM-Hawaii faculty exchange program completed its second successful year. Our clinical program received a strong positive review by the APA site visit committee. We continued to emphasize the strong research orientation of the department which has enabled us to achieve national recognition and prominence.

We are pleased with the continued renewal of our NIMH training grants in experimental and clinical psychology. We were especially pleased that the administration authorized our purchase of a PDP 11/04 computer in 1978. Our critical needs of the near future include additional space, support for additional TAs from the University, better support for travel, and greater assurance of staff-secretarial support in view of our extensive use of soft money. The faculty consisted of 27 members, 5 of whom hold appointments in other units as well as psychology. We were disappointed that the psycholinguistic position was frozen but anticipate its authorization this year.
I. General Department Information

A. Undergraduate Education. At the undergraduate level, the department handled a total enrollment of 4,003 students in introductory lectures (of whom 1,162 participated in the optional additional laboratory hour), and 3,642 in advanced courses (of whom 116 participated in the advanced laboratory courses). The graduating classes of 1978-79 included 78 Psychology majors and 88 Psychology minors. Departmental honors were awarded to: Fred Collatz, Mary Elizabeth, Barry Gordon, Steve Haney, Elizabeth Matthews, Dorothy Miller, Doris Shenuski, and Linda Smith. Based on our functional staff of 21.78 FTE for the year, the student/faculty ratio was 35.1 to 1.

The department offered honors sections of both Psychology 101 and 102. Special no-credit discussion sections were again offered on a volunteer basis in conjunction with introductory psychology. In addition, we continued our special enrichment program in conjunction with introductory psychology. No substantive changes were made in the undergraduate program, but it is under steady review in relation to educational needs, the personnel available, and student interests. The program is sound and well-designed, and the major problem is offering sufficient sections of the most popular courses to accommodate the demand. The staffing of sufficient sections of Psychology 101 and 102 improved in 1978-79, but will be curtailed somewhat in 1979-80 because of staffing needs for Basic Skills Courses.

B. Graduate Education. At the exclusively graduate level, the department handled a total enrollment of 391 distributed among 52 registered students. These figures represent a continuation of our policy of restricting graduate enrollment within a 3:1 student/faculty ratio.

The Master's Degree was conferred upon 10 candidates: Gerald Clausen, Lee Davis, Maura Goodman, Thomas Hall, Mark Kimmucan, Barbara Maginn, Marvin McCallum, Christine Muehlenweg, Joan Riedle, and Michael Rodriguez.
The Doctoral Degree was conferred upon 6 candidates:

**William Eugene Foote**
Adviser: Samuel Roll

The emotional responses of psychopaths and non-psychopaths to contradictory communications

**Kathryn Ann Spiering**
Adviser: Sidney Rosenblum

The effects of extended mediation training and relaxation training on paired-associate learning by older adults

**V. Alan Spiker**
Adviser: G. Robert Grice

The effects of stimulus intensity and intensity differences on simple and disjunctive reaction time: A variable criterion analysis

**Michael Glazer**
Adviser: Samuel Roll

Use of a modified instruction set for the MMPI with heroin addicts

**Robert G. Frank**
Adviser: John P. Gluck

Assessment of long-term effect of early social isolation: Effect of continuous social contact

**Michael A. Tate**
Adviser: Frank A. Logan

The stimuli in temporal control

A longstanding problem for our graduate program has been insufficient financial aid for our graduate students. Our budgeted support for 1979-80 remains at the 1972-73 level of support. For the past four years we have received 2-4 additional TAs, but these increases were always temporary. While these increases were appreciated the department needs a permanent increase of 4 additional TAs. Psychology is significantly undersupported in TAs relative to the other laboratory science departments. This is a longstanding problem and should be corrected soon. I have requested to the Dean (and Provost) that a reasonable increase in TA support be provided this year.

There is also the characteristic delay in obtaining information about support, a local we well as a national problem. Each year we lose top students because we cannot make definitive offers of support in sufficient time to compete with other institutions. In addition, we were unable to attract many of our most qualified and interested applicants because of lack of financial support. Nevertheless, we were eventually able to provide some support for most of our students, with 14 as teaching assistants, 4 as research assistants, 14 as NIMH trainees, 5 APA minority fellowships, and 2 with tuition scholarships. Local clinical facilities support 3 other students.
Our grants for the support of graduate training by NIMH and the minority fellowships from the American Psychological Association were renewed for 1979-80. The NIMH Training Grant in Clinical Psychology (Director, Sidney Rosenblum) began its third year of a three-year award, supporting 6 graduate students each year. The NIMH Research Service Award in General Experimental Psychology (Director, Henry Ellis) began its third year of a five-year award, 8 graduate students being supported. These awards provide continued evidence of the recognition of our program at a national level.

Recruitment of quality minority status and female graduate students continued. As a faculty we continue our resolve to maintain a high quality program with a reputation for excellence.

C. Staff. The faculty of the department numbered 27 during the 1978-79 academic year, composed of Professors Benedetti, Ellis, Feeney, Ferraro, Grice, Johnson, Koenig (LWOP), Logan, Norman, Rhodes (sabbatical leave), Rosenblum, and Ruebush; Associate Professors Friden, Gluck, Harris, and Roll; and Assistant Professors Conrad (LWOP for 1978-79; resigned in 1979), Brecht, Delaney, Coetz, Gordon, Harnick, Hodge, Katz, Miller, Padilla, and Parsons. Of these, Benedetti served as Associate Dean of the Graduate School, Norman served as Associate Dean of the College of Arts and Sciences, and Koenig's (LWOP) and Ruebush's primary commitment remained with the Department of Psychiatry. Our effective faculty, recognizing leaves, was 21.83 FTE. Dr. Gordon was promoted to Associate Professor. Kathleen Haaland and William Simpson served as part-time faculty members.

Affiliated faculty during the year were: Professor Lester Libo, Assistant Professors Philip Day, Rene Silleroy, Bret Snyder, and Louis Wynne; as well as Adjunct Associate Professors Bruce Porch and Joseph Schenkel; Adjunct Assistant Professor Kathleen Haaland; and Clinical Assistant Professors Joseph Cardillo, Robert Duncan, and Donald Flammer.

Assistant Professor Gary Ritchey, Ph.D., UC, San Diego, will join the faculty in 1979-80.
D. Colloquia. Distinguished speakers in our colloquium series during the year included: Irwin Altman (University of Utah), Donald Baer (University of Kansas), Howard Gruber (Mass. Institute. Tech), Alice Isen (U. of Maryland), Donald Meichenbaum (University of Waterloo), Stanley Rest (Univ. of Oklahoma), Gene Sackett (University of Washington), Roger Schvaneveldt (New Mexico State), Robert Sommer (University of California, Davis), and George Stelmach (University of Wisconsin). In addition, Bruce Babbitt, Barbara Lindauer, and Gary Ritchey were interviewed for our position in developmental. Overall, this important adjunct to our regular programs was invaluable in adding breadth of exposure. What is needed most in this context is to involve more of our local people, particularly affiliated faculty, in this program. We regret that, in the course of fiscal retrenchment, our modest colloquium budget was abolished for 1979-80.

E. Research. The department continued to be productive in its research efforts. We published 28 major articles or monographs, gave 83 lectures, workshops, or reports, and garnered $214,000 in extramural support. The department is engaged in a wide range of research activities which can be only briefly noted here.

Research in human learning, memory, and cognition includes work on visual and verbal elaboration of verbal materials in the context of a Markov model of learning as well as studies of individual differences in learning and memory. In addition, studies of coding and organization in memory, constructive processes in memory, and depth of processing are being conducted. At the level of conceptual behavior we are doing research into the way humans learn rules and apply them. At another level we are carrying on studies of simple and choice reaction time. In human factors, we completed studies of conference behaviors. Extensive research in animal learning and behavior, psychopharmacology, and physiological psychology was conducted. Studies of the effects of hormones on brain functioning and eating and drinking, and locomotor behaviors were
conducted. Studies of animal discrimination learning, short-term interference in retention, sensory preconditioning, aversive control, and dominance in animals were continued as part of long-term research programs. There is work being done on the effects of drugs on behavior, including long-term effects of drugs on complex processes. Studies of observational behavior are being reported. Studies of the effects of early experience on subsequent adult behavior are being conducted with a focus toward identifying procedures which might reduce the traumatic effects of early deprivation. In addition, drug studies with epileptics were continued with an emphasis on identifying drugs which might suppress the cortical activity associated with epilepsy. Similarly, we were involved in studies of flashed evoked potentials as they related to migraine headache, and in studies of sleep.

Other studies focused on clinical, developmental, educational, and social psychology. Research on the behavioral treatment of problem drinkers and alcoholism was continued, which included a clinical facility to deal with the problems of those who drink excessively. Reports on the role of paraprofessionals in mental health services were reported. Another new area is research into hypnotic effects and various instructional procedures affecting hypnotic behavior. A project in the treatment of depression was continued, as was a project on infant imitation and play. Studies in attribution and learned helplessness were initiated. Applied research in child development focused on individual instructional procedures and self-control in preschool children. Our faculty studies the role of dreams, adolescent male's feelings of being understood by their fathers, and the importance of humor in normal behavior. We have long been involved in evaluating the effectiveness of behavior therapy using conditioning procedures. Studies in cross-cultural psychology and ethnic differences in personality were initiated. Studies of social class and ethnic factors in clinical judgments were conducted. We continue to work on grading practices and teacher evaluation. Studies in experimental social psychology continue with an emphasis on quantitative models in social psychology.
While this is only a small account of all the research activities of the department, it is illustrative of the wide range of research interests and activities of this faculty. The richness and diversity of our activities should be apparent, and we hope for greater support of these activities in the future.

F. Scientific and Professional Societies. Members of the department continued to play an active leadership role in scientific and professional societies. Prof. Ferraro served as Secretary of UWM's Sigma Xi and Secretary, SWARM Division of the American Association for the Advancement of Science; Prof. Grice was President-elect of the Division of Experimental Psychology of the American Psychological Association; Prof. Logan served as President of the Division of Experimental Psychology, American Psychological Association and completed his term as a member of the Council of Representatives of APA; Prof. Padilla served as a member of the American Psychological Association Minority Fellowship Program Committee; Prof. Rosenblum served as Chairman of the New Mexico State Board of Psychologist Examiners; Prof. Roll was appointed to the New Mexico State Board of Psychologist Examiners; and Prof. Ellis served as past-President of the Southwestern Psychological Association, Chairman of the National Council of Graduate Departments of Psychology, and as liaison member of the Education and Training Board of the American Psychological Association.

In addition, the Psychology faculty continued to play an important role in serving on the editorial masthead of many journals. Serving as regular consulting editors were Profs. Brecht, Ellis, Ferraro, Grice, Harris, Johnson, and Logan.

G. Service. Our service activities continued at a very high level. These included the North Central Association, the Rocky Mountain Psychological Association, the Southwestern Psychological Association, the American Psychological Association, the Society of Experimental Psychologists, the National Council of Graduate Departments of Psychology, the American Association for the
Advancement of Science, Agora, the Psychiatric Intern Program, Indian Health Service, Programs for Children, International Neuropsychological Society, Esperanza School, Child Guidance Center, Association of Drinkwatchers, Bernalillo County Head Start, Manzanita Center, Counseling Center, Computer Center, Animal Control Facility, Laguna Pueblo, New Mexico Public Defender's Office, religious organizations, athletic organizations, publishers, cultural organizations, Sandia Base, Albuquerque Roadrunners Club, the New Mexico Science Fair, the New Mexico Psychological Association, the New Mexico Board of Psychologist Examiners, Department of Vocational Rehabilitation, Career Services for the Handicapped, the Veterans Administration, Rio Grande Zoo, hospitals at Las Vegas and Los Lunas, the State Penitentiary, Albuquerque Public Schools, Albuquerque Academy, and Sandia Preparatory School. All of our faculty were involved in one or more of these functions. In sum, we continue to be highly visible at all levels of service functions.

H. Space. Psychology is in need of additional space. All available space is currently used. We are unable to adequately house faculty except by using an office of a faculty member who will be on sabbatical and by using space currently occupied by office staff. In turn, office staff will be housed in space currently assigned either to graduate teaching assistants or to a heavily-used seminar room.

Research facilities are now occupied to the hilt. Thus, we lack adequate housing for faculty and staff; we are limited to two seminar rooms; we do not have a suitable colloquium room, and our lounge space is used basically as a study room. We anticipate additional space needs for classrooms, offices, and laboratories. We may need space for a psychological clinic. All of these needs indicate that a new two-story building, constructed adjacent to the current building, will be necessary to meet the needs of the department for the next ten years. The department began discussion of new facility needs during 1978-79, and will formalize these in 1979-80.
I. Administration and Support Staff. Henry Ellis served as chairman and Sidney Rosenblum as assistant chairman during the year. All faculty participated in the administration of the department by serving on various departmental committees. I wish to express my appreciation to Sidney Rosenblum for his able assistance and to the faculty in general for its cooperation and support.

Eleanor Orth continued to serve in her very effective capacity as Office Manager. I wish to express my continued appreciation to her for helping make my administration effective. Her humor combined with her tireless efficiency made my task reasonable. LaNelle Ruebush continued to serve the department effectively as Department Secretary. Other secretaries serving the department during the year were Joan Block, Maria Chavez, JoAnn Jaramillo, Juliette Lagasse, Virginia Moore, and Jill Ngola. Ector Estrada continued to supervise the animal facilities and Jim Casaus continued as animal technician. Verlin Williams continued as shop supervisor. In addition, during portions of the year, various students served as part-time clerical or lab assistants.
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<th>Faculty Information</th>
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<td>14</td>
<td>16.3</td>
<td>16.3</td>
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<td>18.6</td>
<td>19.87</td>
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| Number of faculty engaged in | | | | | | | | | |
| Lower division teaching | | | | | | | | | |
| Upper division teaching | 17 | 11 | 11 | 11 | 10 | 10 | 10 | 19 | |
| Graduate teaching | 16 | 19 | 14 | 19 | 19 | 20 | 22 | 23 | 22 |
| Thesis/dissertation supervision | 9 | 12 | 14 | 15 | 15 | 15 | 15 | 17 | |

| Undergraduate Education | | | | | | | | | |
| Introductory enrollment | 3665 | 3590 | 3728 | 3378 | 3577 | 3745 | 4025 | 3756 | 4063 |
| Advanced enrollment | 1648 | 1883 | 1844 | 1401 | 1537 | 1327 | 1046 | 1117 | 1162 |
| Optional laboratories | 3240 | 4019 | 4749 | 4902 | 4424 | 4059 | 3797 | 3980 | 3642 |
| Graduating Majors | 209 | 151 | 159 | 159 | 158 | 163 | 110 | 98 | 116 |
| Graduating Minors | 70 | 64 | 59 | 70 | 71 | 78 | 84 | 81 | 78 |
| Graduate Education | 300 | 413 | 459 | 432 | 372 | 362 | 362 | 362 | 362 |
| Graduate enrollment | 11 | 12 | 13 | 14 | 12 | 12 | 12 | 12 | 12 |
| Graduate assistants (budgeted) | 13 | 14 | 14 | 13 | 14 | 13 | 16 | 14 | 14 |
| Graduate assistants (authorized) | 12 | 13 | 15 | 15 | 15 | 13 | 12 | 5 | 4 |
| Research assistants | 12 | 12 | 11 | 7 | 7 | 7 | 8 | 7 | 7 |
| Fellow and Trainees | 16 | 17 | 18 | 19 | 18 | 19 | 18 | 19 | 19 |
| Tuition Scholarships | 3 | 9 | 7 | 4 | 4 | 2 | 1 | 2 | 2 |
| Master's Degrees | 3 | 9 | 7 | 4 | 4 | 2 | 1 | 2 | 2 |
| Doctoral Degrees | 8 | 6 | 5 | 4 | 5 | 4 | 5 | 4 | 4 |
| Applications received | 250 | 154 | 195 | 250 | 154 | 195 | 250 | 195 | 223 |
| Offered Admission | 36 | 33 | 37 | 55 | 46 | 45 | 45 | 45 | 45 |
| Accepted Admission | 20 | 19 | 6 | 13 | 13 | 10 | 10 | 10 | 10 |
| Graduate Students | 56 | 68 | 56 | 69 | 66 | 68 | 68 | 68 | 68 |

| Research Activities | Books and Articles | 28 | 25 | 29 | 20 | 26 | 26 | 24 | 40 | 28 |
| Lectures and Reports | 30 | 35 | 57 | 64 | 61 | 76 | 66 | 92 | 88 |
| Extramural support (000) | $306 | $284 | $325 | $300 | $286 | $259 | $198 | $197 | $214 |

| General Information | FTE | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Department Budget (000) | $282 | $322 | $359 | $383 | $412 | $407 | $564 | $596 | $671 |

| Grade Distributions (percent) | | | | | | | | | |
| Lower Division (ex labs) | | | | | | | | | |
| A | 15.4 | 14.6 | 16.4 | 14.5 | 13.6 | 15.0 | 15.0 | 16.4 |
| B | 23.5 | 27.1 | 25.0 | 24.3 | 21.3 | 24.3 | 24.3 | 24.6 |
| C | 32.9 | 36.8 | 35.3 | 25.5 | 30.3 | 24.6 | 28.8 |
| D | 8.4 | 11.0 | 10.6 | 13.5 | 13.8 | 13.5 | 12.2 |
| F | 7.1 | 8.0 | 8.8 | 11.0 | 12.9 | 16.3 | 16.0 |
| CR | 4.7 | 1.4 | 1.8 | - | - | - | .8 |
| Other | 6.0 | 7.1 | 2.1 | 7.1 | 11.1 | 5.7 | 3.0 |

| Upper Division (ex labs. prob.) | | | | | | | | | |
| A | 25.9 | 30.0 | 24.7 | 25.2 | 25.2 | 21.0 | 20.9 | 20.7 |
| B | 27.2 | 26.3 | 29.2 | 30.4 | 26.6 | 24.0 | 25.1 |
| C | 22.1 | 25.8 | 27.2 | 23.1 | 25.6 | 28.3 | 25.6 |
| D | 4.5 | 6.9 | 6.3 | 6.0 | 6.1 | 5.4 | 5.8 |
| F | 4.0 | 5.9 | 5.3 | 3.7 | 7.0 | 7.1 | 6.0 |
| CR | 4.4 | 2.0 | 3.3 | 2.1 | 2.2 | 1.2 | 1.2 |
| Other | 11.9 | 3.1 | 4.3 | 12.2 | 10.5 | 13.1 | 6.0 |

| Graduate (prob., thesis, diss.) | | | | | | | | | |
| A | 64.6 | 53.2 | 59.4 | 44.0 | 47.7 | 33.7 | 33.7 | 36.5 |
| B | 16.1 | 27.6 | 26.4 | 12.8 | 16.2 | 20.4 | 16.7 |
| C | 5.8 | 4.6 | 2.4 | 3.0 | 2.3 | 1.2 | 4.4 |
| NC | 2.7 | 3.3 | 1.2 | 1.2 | 1.2 |
| Other | 10.8 | 11.3 | 10.6 | 40.2 | 33.7 | 33.5 | 39.2 |

aActually no decrease—Psy. 221 not included as taught by Math dept.
bOnly Fall 75 grades used for 75-76 as analyzed by institutional research.
cIncludes CR, W, I, PR, NC.
dOnly Fall 76 grades included.
eFall 77.
fFall 78.
January 1, 1978–December 31, 1978

II. Composite of information requested on individual biographical supplements.

1. Advanced study

Gluck, John P.--Postdoctoral Internship, Department of Psychiatry and Behavioral Sciences, University of Washington, Seattle, WA. 8/31/78.

Goetz, Therese E.--Ph.D., Spring 1978, University of Illinois at Urbana-Champaign.

Roll, Samuel--Participation in workshops and seminars in area of clinical psychology both in New Mexico and Mexico.

2. Sabbaticals, leaves of absence, summer teaching elsewhere, travel


Feeney, Dennis, M.--Sabbatical from September 1977 to September 1978. I spent 4 months in Mexico learning Spanish and silver staining, a historical procedure. I worked at the Instituto Neurologia y Neurosurgia in Mexico City.

Ferraro, Douglas P.--Taught at Dzilth-na-o-dith-hel on the Navajo reservation.

Gluck, John P.--Sabbatical at Department of Psychiatry and Behavioral Sciences, University of Washington, Seattle, Washington. Acad. yr. 78-79.

Rhodes, John M.--From May 78 thru current on Sabbatical in Mexico. First 3 months in Cuernavaca in Language School, then some travel (West Coast, Yucatan, etc.) and remainder in Mexico City at the Instituto Nacional de Neurologia, Unidad de Investigaciones Cerebrales.

Roll, Samuel--Several trips to Monterrey to collect data in a "Maternal-Rejection" study and to help establish a Child Guidance Clinic which was inaugurated in mid-December.

3. New scholastic honors, fellowships


Ellis, Henry C.--Chairman, National Council of Graduate Departments of Psychology; Distinguished Visiting Professor, U.S. Air Force Medical Center, Lackland Air Force Base.

Annual Research Lecturer, University of New Mexico, 1978, "Strategies and Flexibility in Human Memory."

Ferraro, Douglas P.--Secretary, New Mexico Sigma Xi, Secretary, SWARM Division of AAAS.

Harnick, Frances S.--Outstanding undergraduate teacher of the year, UNM, Member, American Psychological Association.

Katz, Norman--Teaching faculty, Society for Clinical & Experimental Hypnosis (SCEH).

Invited to co-chair on research advanced workshop for next year's SCEH convention.

Rosenblum, Sidney--Who's Who in the West; Who's Who (Child Development).
4. Publications

Brecht, Mark Allen--A meeting is not a meeting is not a meeting: Implications for teleconferencing. Proceedings of the 22nd Annual Meeting of the Human Factors Society, 1978, 335-338.


Boyeson, M. G., Hodge, G. K., & Linn, R. T. Interactions between dopaminergic drugs and bilateral radio frequency lesions of the ventral mesencephalic tegmentum upon locomotor activity in rats. Bulletin of the New Mexico Academy of Science, 1978, 18, 23. (Abstract)
4. Publications (cont.)


5. Other research projects or creative work in progress or completed during period

Brecht, Mark Allan--W.F.E. Preiser (School of Architecture and Planning) and I have jointly submitted a proposal entitled, "Improving Built-environment Education Courses for Environmental Design, Education, and Social Science Undergraduates" to NSF's Local Course Improvement Program (LOCI). Proposal requests $34,045 for 12 months starting June, 1979 to develop and revise courses of an interdisciplinary program in environmental education.


The optimization of the instruction based on mathematical models of learning. In preparation. (Supported by funds from Research Allocations Committee.)


Ellis, H. C., & Tyler, S. W. Anxiety effects in long-term memory. In preparation.


5. Other research projects or creative work in progress (cont.)

Ellis, (cont.)
Submitted renewal grant for NIMH Research Service Award (Training Grant) for 1979-80. Grant in General Experimental Psychology for period 1977-1982 for $250,000 (I have supervisory responsibility for eight graduate students who are appointed as trainees under this grant).
Continued research on various phases of human memory and learning.

Feeney, Dennis M.--I received a grant from NIMH for "Interdisciplinary study of Brain Injury." I am Principal Investigator for an award of 3 years amounting to $191,079. Two Assistant Professors of Anatomy (Dail and Murray) are co-investigators.

Ferraro, Douglas P.--Complex learning in primates - RAC
Relational Learning in Navajo children - NTEDP

Friden, Thomas--"Statistical predictions of recovery in aphasia", submitted to Journal of Speech and Hearing Research.


Goetz, T. E., & Giomi T. Learned helplessness in emotionally disturbed children: A clinical evaluation. Research currently in progress: data collectors are being trained to begin collection in January 1979 in APS schools.

Age: Is it a constraint on memory content? In N. Spear and B. Campbell (Eds.), Ontogeny of learning and memory, 1979, in press.
5. Other research projects or creative work in progress (cont.)

Gordon, W. C., Smith, G., & Katz, D. Dual effects of response blocking following avoidance learning. Under review for Behavior Research and Therapy.


Gordon, W. C., & Shinusky, D. Short-term retention of reinforcer magnitude effects on patterning. Data collection in progress.


Stimulus selection in the neonatal rat. Data collection in progress.

All work cited in #5 is supported by a grant from the National Science Foundation entitled "The processing of information following information retrieval." $34,300. 9/1/76 to 6/1/79.

Grice, Robert G.--Grant from NIMH: Conditioning and response organization, April 1, 1977-March 31, 1980. $95,111. Work on this project is in progress.


Harnick, Frances S.--Current research is presently being conducted on infant and toddler play, infant learning, and preschool and adult conversati


Have following manuscripts in preparation:

Group equity: Another criterion requiring linearity. The continued invalidity of partitioned-U tests in Manova and Canova. Anglo-Chicano differences in academic preferences and performance. (With Bertha Melgoza and Rick Baker)


Hodge, G. K., & Butcher, L. L. Role of pars compacta of the substantia nigra in circling behavior. Pharmacology, Biochemistry and Behavior, in press.

Hodge, G. K., & Butcher, L. L. Pars compacta of the substantia nigra modulates locomotion but is not involved in regulating food and water intake, submitted for publication.
5. Other research projects or creative work in progress (cont.)


Hertel, P., Cosden, M., & Johnson, P. J. Passage recall: Constructive flexibility. Submitted to *Journal of Educational Psychology*.


"Hypnotizing the unhypnotizable--A behavioral approach." Paper presented at the annual meeting of the American Psychological Association, Toronto, Canada.

"A little trance and a little skill: Maximizing hypnotic responsiveness," paper presented at the annual meeting of the Society for Clinical and Experimental Hypnosis, Asheville, North Carolina, October, 1978. This paper is now being revised for publication in the *International Journal of Clinical and Experimental Hypnosis*.

"Training psychologists as behavioral hypnotists: Some data on their hypnotic responsiveness." Paper in preparation.

Paper accepted for presentation at Taos International Conference on Addictive Behaviors, "Hypnobehavioral treatment of addictive behaviors


The Free Sexual Behavior Situation (with F. Beach).


5. Other research projects or creative work in progress (cont.)

Miller, William R. (cont.)

In Press (Accepted for Publication)


Norman, Ralph, D.--Identical twins on profile tests of intelligence and personality: Report of a remarkable case and some controls. (Completed and to be presented to RMPA, April 1979).

Sex differences in verbal and spatial mediation on the Digit Symbol Test (with Dorothy Miller) in progress.

Parsons, Joseph A.--"Relationships between Proctor Activity and Student Performance in a PSI course," Research completed, data presented at convention, paper ready for submission.

"Acquisition and Maintenance of Precurrent (Mediating) Behavior in Children" data collected and being analyzed. To be reported at ABA meetings in June, 1979.

"Maintenance of a Precurrent (Mediating) Behavior in Delayed Matching-to-Simple." Data collected and being analyzed. Data to be presented to RMPA in April, 1979.

"Effects of Unit Quiz Mastery Criteria on Student Performance," *Journal of Personalized Instruction*, in press with Harold Delaney.

Rhodes, John M.--Sabbatical research on Thyroid-Tropin Releasing Factor and Various Dysfunction, Particularly Sleep Disorders. Continuation of evaluation of cognitive Factors in Focal Brain Disease.


Roll, S., & Millen, L. The friend as represented in the dreams of adolescents: Friendship without the rose-colored glasses. *Adolescence*, in press.


Roll, S., & Irwin, M. H. The role of fantasy involvement and high stimulus desirability in the conservation of number and volume. Submitted for publication.


Lockwood, J. L., & Roll, S. Effects of fantasy behavior, level of fantasy predisposition, age and sex on direction of aggression in young children. *Journal of Genetic Psychology*, in press.
5. Other research projects or creative work in progress (cont.)

Rosenblum, Sidney--Aspects of depression in children.
  Learning and Behavior Problems in Children and Youth (text with B. Ruebush).

Ruebush, Britton K.--Mental Health Programs in New Mexico; a cultural,
  urban, and rural challenge; in press. P.O.C.A. Press, New York, NY
  Evaluations of clinical services. Continuing research projects. Results
  published in Annual Reports of Albuquerque Child Guidance Center.

6. Activities in learned and professional societies

Benedetti, David T.--(Attempted to attend the annual meeting on the Western
  Association of Graduate Schools in Santa Barbara, March 1978, but
  was blocked by floods and mudslides!)  
  Attended meeting of New Mexico Council of Graduate Deans, Albuquerque,

Brecht, Mark Allan--Attended 22nd Annual Meeting of the Human Factors Society,
  Oct. 16-19, Detroit, MI. Presented paper in #4 above at that meeting.

Delaney, Harold D.--Meetings attended:
  Rocky Mountain Psychological Association, Denver, Colorado, April, 1979.
  Joint Meeting of the Psychometric Society and the Society for Mathematical
  Professional papers:
    The use of analysis of covariance in tests of attribute-by-treatment
    interactions. (AERA) Co-author: S. E. Maxwell.
    The effects of constant and varied presentation orders on organization
    Parent-infant social interactions: A Markovian analysis. (Psychometric

Ellis, Henry C.--Attended joint meeting of the Executive Board of the Council
  of Graduate Departments of Psychology and Officers of the American
  Attended meeting of the Education and Training Board of the American
  Attended meeting of the Rocky Mountain Psychological Association,
  Denver, April, 1978. Presented papers entitled: Cognitive effort and
  Co-chaired Symposium on Human Learning, Memory, and Cognition.
  Attended meeting of the Southwestern Psychological Association, New Orleans,
  April, 1978. Gave the Presidential Address entitled: "Strategies in
  Human Memory."
  Attended meetings of the Education and Training Board of the American
  Attended the George Talland Memorial Conference on Aging and Memory,
  sponsored by Harvard University and the National Institute of Aging,
  Boston, August, 1978.
  Attended meeting of the American Psychological Association, Toronto,
6. Activities in learned and professional society (cont.)

Ellis (cont.)

Presided over meeting of the National Council of Graduate Departments of Psychology, Toronto, August, 1978.


Education and Training Board, American Psychological Association, Liaison Member, 1977-

Member, Ad Hoc Committee to review Graduate Training in Psychology, American Psychological Association, 1978-

Consultant, National Institute of Mental Health, 1978-

Consultant, American Psychological Association, Clinical Training Site Visitor Program, 1978-

Appointed Editor of the Human Experimental Psychology section for the Journal Supplement Abstract Services, Catalog of Selected Documents in Psychology, an APA journal.

Ferraro, Douglas P.--Attended RMFA, SWPA, AAAS; chaired sessions at each.

Presented at SWERA and Behavior Pharmacology Society.


Invited address at Midwestern Psychological Association.

Publications committee, Psychonomic Society.

President-elect, Division Experimental Psychology, APA.
6. Activities in learned and professional societies. (cont.)


Harris, Richard J.--Papers presented:
Anglo/Chicano differences in academic preferences and performances.
How subjects handle negative inputs: Demise of the "official" formula.
Joint meetings of the Psychometric Society and the Society for Mathematical Psychology, McMasters University (Hamilton), August, 1978.

Offices held:
Appointed Action Editor (one of 10 nationwide) for Journal of Personality and Social Psychology.
Appointed Consulting Editor, Journal of Clinical Multivariate Experimental Psychology.
Continued on editorial board, Journal of Experimental Social Psychology.
Continued as consulting editor, Journal of General Psychology.
Continued as President, Southwestern Division of the Society for Multivariate Experimental Psychology.

Hodge, Gordon K.--Member, Biofeedback Society of New Mexico.
Boyeson, M. G., Hodge, G. K., & Linn, R. T. Interactions between dopaminergic drugs and bilateral radio frequency lesions of the ventral mesencephalic tegmentum upon locomotor activity in rats. Paper presented at the Fifty-fourth Annual Meeting of the Southwestern and Rocky Mountain Division, American Association for Advancement of Science, Albuquerque, New Mexico, April, 1978.


6. Activities in learned and professional societies (cont.)

Katz (cont.)

Attended Society for Clinical and Experimental Hypnosis Meetings
October, 1978, Asheville, N.C., and served on Teaching Faculty
for preconvention workshops.
Attended various New Mexico Psychological Association Meetings as a
member of the Executive Council.
Invited to chair paper session at Taos International Conference on
Addicted Behaviors, Taos, New Mexico, February, 1979.

Logan, Frank A.--Completed term as President, Division 3, APA.
Presidential Address.
Attended Society of Experimental Psychologists.
Attended Southwestern Psychological Association.
Completed term on Council of Representatives, APA. Attended meeting.
Attended two meetings of Ad Hoc Committee on Public Information, APA.
Ad Hoc reviewer for NSF, NIMH, and various journals.

Miller, William R.--Elected to Member, Division of Clinical Psychology,
American Psychological Association.
Presented paper at annual meeting of American Psychological Association.
Effectiveness of nonprescription therapies for problem drinkers.
Paper presented as part of the symposium, "Nonprescription
Psychotherapies: Innovations in Program Development" at the annual

Norman, Ralph D.--"Effects of social class and ethnicity on clinical
judgements" with R. Martinez) paper read at RMPA annual meeting,
Denver, CO., April 1978.
Colloquium presented at Department of Psychology, UNM, February, 1978;
"Sex Differences: Do they still make a difference?"
Treasurer and Membership Chairman, NMPA, 1977-79. Member, Executive
Committee.

Padilla, Eligio R.--American Psychological Association Minority Fellowship
Program Advisory Committee.

Parsons, Joseph A.--Presented "Relationships between Proctor Activity
and Student Performance in PSI course" at Annual Meetings on the
Asked to give invited address to Association of Behavior Analysis
meetings in June, 1979.

Roll, Samuel--Appointed by Governor to the New Mexico State Board of
Psychologist Examiners and appointed secretary by the Board.
Invited research address to the New Mexico Psychological Association.
6. Activities in learned and professional societies (cont.)


Member, Board of Directors, P.O.C.A.

Attended regional meeting of New Mexico Council of Mental Health Services.

7. Other professional activities


Brecht, Mark Allan—Human factors consulting on product liability to Smith, Ransom and Gilstrap, Albuquerque, NM.

Associate editor of Human Factors Society Bulletin.


Ellis, Henry C.—Invited Colloquia and Talks:

Wake Forest University, February, 1978.
Clark College, Atlanta University, April, 1978.
University of Texas Medical Center, San Antonio, October, 1978.
St. Mary's University, October, 1978.

Received invitations to present research colloquia at the following Universities and will give talks in 1979:

University of Oklahoma
Tulane University
Arizona State University
University of Florida
Florida State University
Florida Institute of Technology

Site Visits:

7. **Other professional activities (cont.)**

**Ellis (cont.)**

Site Visitor, University of California, Berkeley. Evaluated the Cognitive and Biological Program in Psychology for the National Institute of Mental Health, December, 1978.

**Editing**

- Member, Editorial Board
  - *Perceptual and Motor Skills*, 1963-
  - *Psychological Reports*, 1963-
  - *Journal Supplement Abstract Services*, 1978-

**Appointment**

- Held an appointment as Distinguished Visiting Professor at the U.S. Air Force Base, San Antonio, for the week of October 1-7, 1978. During this period, gave several talks, attended seminars, and served as a consultant to the Air Force staff, interns, and residents.

**Consultancies**


**Feeney, Dennis M.**--Gave several lectures on own research at the Instituto in Mexico City. Gave a colloquium to our Psychology Dept. in Oct. and lecture on own research to the MSBS students.

**Ferraro, Douglas P.**--Reviewer: NSF, NIDA, NRC, Psychopharmacologia; Pharmacology and Behavior. Guest reviewer for five other journals. Study Council NIDA.

- Consultant BIA, NTEDP, PSRO.
- Expert witness in District Court and Federal Court.

**Friden, Thomas**--Consultant, Veteran's Hospital;

- Attended meeting of operations committee of the V.A. Cooperative Study on Aphasia, Milwaukee, Wisconsin, December 1978.


**Goetz, Therese E.**--Workshop on learned helplessness at Programs for Children, May 19, 1978.

- Workshop on learned helplessness at Vista Larga School, October 9, 1978.
- Sex Roles in Transition: The Family - Guest Lecturer at First Presbyterian Church Seminar, Spring 1978.

**Gordon, William C.**--Grant application reviews: National Science Foundation Journal article reviews: American Journal of Psychology; Animal Learning & Behavior; Pharmacology, Biochemistry & Behavior; Physiology & Behavior.

**Harnick, Frances S.**--Advisory Board Member, Esperanza School.

- Consultant, Rehabilitation Center, BCMC.
- Consultant, Programs for Children, BCMC.
- Consultant and Speaker on Discipline, Albuquerque Public Schools.
- Consultant and Lecturer, Infant Growth and Development, UNM Medical School.
7. Other professional activities (cont.)

Harris, Richard J.--Talks given:
Recent developments in equity research: The WHALLC effect and the linear formula. Presented to Psychology Division, Chung Chi College, Chinese University of Hong Kong, December 9, 1978.
Experiment games--focusing on altruism. Invited address, Hong Kong Psychological Society, December 28, 1978.

Hodge, Gordon K.--Refereed papers for Pharmacology, Biochemistry, and Behavior.

Katz, Norman--Appointed consultant to New Mexico Division of Vocational Rehabilitation Psychology Division, and trained entire psychology staff in use of clinical hypnosis.
Consultant to New Mexico Youth Diagnostic Center, training staff in use of clinical hypnosis.
Appointed to NMPA Ad Hoc Committee on the new New Mexico Mental Health Code.
Presented at Department of Pediatrics, UNM Medical Center, on "Hypnosis and the relief of pain in children."
Invited to review papers for Division 30 (Hypnosis) of APA for next year's convention.

Miller, William R.--Advisory Board, Association of Drinkwatchers.
Advisory Board, Responsible Drinkers, Inc.
New Mexico District III Planning Task Force on Alcohol and Drug Abuse Services.
Editorial Consultant, Mayfield Publishing.
Editorial Consultant, Scott-Foreman.
Editorial Consultant, Prentice-Hall.

Padilla, Eligio R.--Research Consultant: Indian Health Service and Laguna Pueblo; Colorado State Hospital, Pueblo, Colorado.
Clinical Consultant: Youth Development, Inc.

Parsons, Joseph A.--Prepared series of video-tape lecture/conversations with Dr. Douglas Ferraro for the Indian Teacher Education Project.

Rhodes, John M.--Consultant for APA on Neuropsychological Problems.
7. **Other professional activities** (cont.)

Roll, Samuel--An average of one talk or presentation per month for off-campus groups including PTAs, Albuquerque Public Schools, television stations, Churches, etc.

Rosenblum, Sidney--Mental Health Consultant, Bernalillo County Head Start Program.
**Project Director, Clinical Psychology Training Grant. National Institute of Mental Health, $38,064, for 1978-79.**
Perceptor, School of Medicine, UNM.
Professional Advisory Board, Children's Psychiatric Center, UNM.
Clinical Associate, Department of Psychiatry, UNM.
Twelve off-campus talks to community groups.

Gave lecture on communicating with parents, East Area Counselors, APA, (3/1)
Helped organize and attended Workshop by Joan Kelly, Ph.D., on the Effects of Divorce and Separation on Teenagers and Their Families (4/28-29).
Gave off-campus talk to Sertoma Club on Mental Health in Children (9/29).
Gave a number of other off-campus talks to groups of parents and teachers during the year.

8. **Non-teaching University service**

Benedetti, David T.--Associate Dean, Office of Graduate Studies, 2/3 time (2 mos. full time, summer).
Member, ex officio, Faculty Senate Committee on Graduate Programs and Standards.
Member, ex officio, College of Arts & Sciences Graduate Committee (Chairman, spring semester).
Member, ex officio, College of Engineering Graduate Committee.
Member, Academic Calendar Advisory Committee.
Member, Summer Session Committee.
Member, UNM Selection Committee for Danforth Foundation Fellowships.
Member, Committee to evaluate Prof. Alan Reed as Director of Santa Fe Graduate Center.
Member, Psychology Department Graduate Admissions Committee.
Member, Psychology Department Clinical Committee.
Member, Psychology Department Faculty Evaluation Committee.
Member, Psychology Department Minorities Committee.

Brecht, Mark Allan--Served on four departmental committees.
Advisor to Senior Honors research project.

Delaney, Harold D.--University Curricula Committee.
Arts & Sciences Human Subjects Review Committee.
Department Committees:
   Undergraduate Statistics Committee.
   Graduate General-Experimental and Methodology Committee (Chair).
   Learning Committee.
   Financial Aid Committee.
   Computer Facilities Committee.
   Psychology-College of Education Committee.
8. **Non-teaching University Services.** (cont.)

**Delaney (cont.)**

Thesis and dissertation committees:
- Gerald Clausen (M.A., chair)
- James Franklin (M.A.)
- Mark Kinnucan (M.A.)
- Christina Meuhlenweg (M.A.)
- Douglas Tylor (M.A.)
- Marvin McCallum (M.A.)
- Paula Hertel (Ph.D.)
- Sherman Tyler (Ph.D.)
- John Schnizlein (Ph.D.)
- Lloyd Crawford (Ph.D.)
- Merith Cosden (Ph.D.)
- Michael Tate (Ph.D.)

Faculty advisor: Inter-Varsity Christian Fellowship.

**Ellis, Henry C.---Chairman, Psychology Department.**

Faculty Senate.
- Executive Committee, Faculty Senate.
- Operations Committee, Faculty Senate.

- Chaired two dissertation committees.
- Chaired four thesis committees.

**Ferraro, Douglas F.---Faculty Senate: Chair of Committee on Research Policy and Resources.**

Department Committees: six, chaired three.

**Friden, Thomas---Chairman, Research Allocations Committee. Research Policy Committee.**

Department Committees: Chairman, Undergraduate Statistics; Undergraduate Advisement; Chairman, Graduate Admissions; General Experimental and Methodology; Graduate Financial Aid; Equipment; Computer Facilities.

**Gluck, John F.---Director of Department of Psychology Animal Research Facility.**

**Goetz, Therese E.---University committee on human subjects.**

Department committee on minorities.
- Dept. graduate committees in general experimental and methodology; developmental learning.
- Dept. undergraduate committee on introductory psychology.

Master's thesis committees: Joan Riedle (chair) Barbara Maginn

Doctoral dissertation committees: Bertha Melgoza
- Rick Baker
- Gale Sutton
- James Allander
- Christine Nicholson
- Cara Cope Wilson

Senior Honor's Project: Linda Smith (major advisor)

Faculty advisor: Elizabeth Clark
8. Non-teaching University Services (cont.)

Gordon, William C.--Dept. committees: Graduate learning; Psychobiology; Introductory Psychology; Animal Facilities; Faculty Evaluation.

Grice, Robert G.--Tenure committee, College of Arts & Sciences.
Department Committees: learning, shop, curriculum.

Harnick, Frances S.--Department committees: Introductory psychology, chair; Human subjects, chair; Developmental psychology; Trailer, Library, Dept. party.

Harris, Richard J.--Work chairing Computer Facilities Committee (departmental) final bore fruit in form of DEC 11/04 for the Dept. Barbara Maginn received M.A., passing defense with distinction.

Hodge, Gordon K.--Faculty advisor for three graduate students (M. Boyeson, T. Hall, R. Linn)
Chairman of M.A. committee (T. Hall)

Katz, Norman--Faculty advisor: undergraduate curriculum committee
Faculty advisor: presidential scholar program

Logan, Frank A.--A & S Promotion Committee; A & S Graduate Committee; Research Policy Committee
Various Departmental committees

Miller, William R.--Ad Hoc Committee on Arts Therapies, UNM
Committee on Human Subjects, UNM
Departmental Committees (Clinical, Introductory, Undergraduate Advisement)
Advisory Committee, Employee Assistance Program, UNM
Dissertation Committees: 5 (chaired 4)
Thesis Committees: 5 (chaired 2)
Oral Comprehensive Examination Committees: 4 (chaired 3)
In Service Training for Student Health Service, UNM

Norman, Ralph--President's Joint UNM-TV1 Task Force
Provost's Summer Session Committee
A & S Health Sciences Committee
Women's Center Committee
Faculty advisor to Presidential Scholar
Psychology Dept. Committees (Clinical, Teacher Evaluation; Intro., etc.)
Graduate Thesis & Dissertation Committees (Ph.D.)
Ricardo Martinez (chairman)
Methith Cosden
Mary DeLapp

(M.A.)
Christine Muehlenweg (chairman) - completed M.A. 3/79
Robert Colby
Lee Davis
Ricardo Gonzales
Joan Riedle
Michael Rodriguez
8. Non-teaching University Services (cont.)

Parsons, Joseph A.--Serving on the IARS advisory committee
Consulted with ASUNM Speakers. Committee on selection of speaker - outcome is that Prof. Donald Baer, University of Kansas, will present to university community in Feb. 1979.

Rhodes, John M.--Member, Academic Senate;
Member, Graduate Programs & Standards for Senate;
Member, Graduate Committee (April, 1978)
Member, Advisory Committee for Accreditation
Dept. of Psychology committees: six.

Roll, Samuel--Chair of departmental library committee and membership on several other departmental committees.

Rosenblum, Sidney--Dissertation Director: Katherine Spiering
Dissertation Committees of seven students
Acting Chairman, Department of Psychology, Semester I, 1978-79
Assistant Chairman, Department of Psychology, Semester II, 1977-78
Director of Clinical Training, Department of Psychology
Admissions Committee, Developmental Committee, Financial Aid Committee (chair) for Dept. of Psychology

Ruebush, Britton K.--Member or chairman of 6 Ph.D. Dissertation committees in Psychology Dept.
Member of 4 Ph.D. Dissertation committees in Guidance & Coun. Dept.
Director of Albuquerque Child Guidance Center
Department of Psychiatry:
Chairman's Advisory Committee
Children's Committee
Children's Psychiatric Center (Advisory Committee, Planning Task Force, Admissions Committee)

Department of Psychology:
Clinical Psychology Committee
Faculty Evaluation Committee
Developmental Psychology Committee

9. Public Service

Delaney, Harold D.--T.V. appearance for World Vision (emergency relief and child care agency)
Lecture on world hunger, Medical Students Christian Association
Taught six week class on contemporary ethical dilemmas, Grace Church

Ellis, Henry C.--University Swim Club Sponsor
Sponsor, New Mexico Symphony

Feeney, Dennis M.--Until September, was on the Board of Directors of Career Services for the Handicapped.

Ferraro, Douglas P.--Presbyterian Hospital Heart Fund
Advisor, NORML
Advisor, Cannoncito Alternative School

Harris, Richard J.--Collected for Heart Fund. Course surveyor and publicity chairman, Albuquerque Roadrunners.
9. **Public Service (cont.)**

Katz, Norman--Volunteer consultant: Albuquerque Child Guidance Center
Presentation to "Parents of children with cancer" group (BCMC) on
"Hypnosis and pain relief in children."
Presentation to New Mexico Department of Corrections on "Hypnosis and
Crime."

Miller, William R.--Coordinator, Adult Education Program, St. Andrew
Presbyterian Church
Committee on Higher Education, Presbytery of Santa Fe
Public Service Talks:
- 1/31 Albuquerque Academy
- 2/15 BCMHC Auxiliary
- 2/29 National Council on Alcoholism
- 4/13 New Mexico Hospital Association
- 4/18 College of Nursing
- 5/4 Magistrate Probate Court, Probation Counselors
- 5/17 Municipal Probate Court, Probation Counselors
- 9/24 Sermon, St. Andrew Presbyterian Church

Service Courses:
- Separation and Divorce (7 days, Ghost Ranch, Abiquiu, New Mexico)
- All You're Meant to Be (4 days, Presbytery of Santa Fe)
- Marital Enrichment (2 days, First Presbyterian Church, Santa Fe)
- Assertiveness Training (10 sessions, St. Andrew Presbyterian Church)
- Human Liberation (7 sessions, St. Andrew Presbyterian Church)
- Human Sexuality (14 sessions, St. Andrew Presbyterian)
- Supervision of outpatient clinic for problem drinkers in the community

Norman, Ralph D.--Community Survey Committee, Jewish Community Council

Parsons, Joseph A.--Departmental Representative to High School Senior Day

Rhodes, John M.--Member, Executive Board at Albuquerque Association for
Children with Learning Disabilities.

Roll, Samuel--An average of one talk or presentation per month for off­
campus groups including PTAs, Albuquerque Public Schools, television
stations, Churches, etc.

Rosenblum, Sidney--Arts Judaica Committee, Congregation B'nai Isreal

Ruebush, Britton, K.--Member, United Way Executive Committee
Trustee, Board of Trustees, Albuquerque Academy
Chairman, Education Committee
Served on United Way Ad Hoc Committee to Review the Bridge House Appeal
Volunteer Coach, Albuquerque Boy's Club. Team won Championship of Midi
Age Division.

10. **Personal information**

Harris, Richard J.--Finally broke 3 hours (2:57.50) at Clovis Marathon

Katz, Norman--Remarried to Radka Axelrod, 1 child
Summer Session

Chairman Pedro R. David spent the summer of 1978 with research grant by "Partners of the Americas" to investigate the problems of psychosociological drug problems in Mexico. A report was prepared that is under publication by the National Institute of Drug Abuse. During his stay he lectured at the Law School of the University Autonoma of Mexico and was made an Honorary Member of the Mexican Academy of Criminology.

Chairman David and Professor Gilbert Merkx participated in a session sponsored by the Community Services Administration on the problems of undocumented labor in the U.S. at Taos, New Mexico.

Replacements/Renewals

The Department gained two new positions during the year as a result of increasing enrollments and effective functioning of the Ph.D. program. A national search conducted, according to EEO rules, resulted in hiring Professor Richard Coughlin for the Social Welfare position, appointed for a three-year term. Professor Philip May was appointed for the Social Deviance position for a three-year term also. Professor Sue Mahan was appointed on a nine-month contract, replacing Professor Paul Sutton, for our criminology and juvenile delinquency courses.

Professor Nelson P. Valdés was unanimously recommended by our Department for the renewal of a second three-year term appointment.

Lecturers

In order to consult with the National Institute of Mental Health program
and to lecture, a number of distinguished scholars visited our campus. Among them were Dr. Ricardo Levene, outstanding penal law scholar and criminologist from Latin America, who gave special lectures during October on Latin American Colonial Law and also served as a consultant to our National Institute of Mental Health program on deviance among Spanish Americans in New Mexico; Dr. James Gumnick, Dean of Research, University of Houston, consultant for discussion of funding sources for our Latin American and Criminal Justice operation; Dr. Santiago Genovés, Instituto de Investigaciones Antropológicas, Ciudad Universitaria, Mexico; Dr. Ramón de Zubiría, leading Latin American educator from the University of Los Andes, Bogota, Colombia, SA; The Honorable Juan Barona, Consul General of Mexico, leading expert in the area of Mexican problems who provided services for research on undocumented workers in Mexico; Dr. H. Hugh Floyd, Jr., Clinical Sociologist of the Department of Sociology of University of New Orleans, Lake Front, New Orleans, LA; Dr. Stephen L. Wasby, Program Director, Law and Social Science Program of National Science Foundation and Professor of Political Science, SUNY at Albany, NY; Dr. Lyle Shannon, Sociology Department, University of Iowa who lectured on relationship of adult to juvenile criminal careers; Dr. William E. Amos, U. S. Parole Commission who lectured and was consultant on different aspects of our deviance/criminology Ph.D. concentrations; Dr. Antonio Sanchez-Galindo, one of the leading penologists of Mexico; Dr. Oscar Risso, US/Argentine Fulbright Commission, Dr. Miguel Lucero Palma, Director of the School of Social Work, Juarez University, lectured on problems of deviance, and consulted in relation to research project on undocumented workers in both the United States and Mexico.
Curriculum

A final revision of graduate and undergraduate offerings were made in the Department. The undergraduate course offerings were grouped into five fields of concentration providing these for a major in Sociology with 18 hours of required theory course studies in research methodology. In addition, the student selects a field of concentration of some 18 hours in one of the following: Criminal Justice, Sociology of Latin America, Social Psychology, Social Welfare, General Sociology, preparing for graduate work. At the graduate level, new regulations were established outlining in detail the different areas of concentration requirements. Important rules were adopted in relation to prerequisites, MA and Ph.D. requirements, procedures for taking MA exam or Ph.D. prelims, filing for candidacy, standards of performance and evaluations, areas of department specialization. We have a total of 29 graduate students enrolled—23 Ph.D.'s and 6 MA's. Graduate assistantships were awarded to Mrs. Brigitte Goldstein, Miss Sallie Teaf, Mr. Jeremy Brown, and Mrs. Twila Turpen. Students receiving MA's this year were Mrs. Brigitte Goldstein and Mr. Jeremy Brown. Mrs. Twila Turpen and Mrs. Joann Weiss passed comp prelims for the Ph.D. The number of NIMH Trainee Fellowships in the graduate program has been increased from five to ten from the summer of 1979 on. Five NIMH Fellowships were initially awarded to Miss Cynthia Leyba, Miss Stephanie Amadeo, Miss Teresa Jaramillo, Miss Romaine Serna, Miss Judy Van-Landingham. Mr. Vicente Martinez and Mr. Luis Jaramillo were recipients of American Sociological Association Fellowships.

The Christopher A. H. McGee Award was awarded to Mr. Rhys Williams, undergraduate Sociology major.
During the fall of 1978 two unique types of courses were taught under provisions of the grant: Sociology of Deviance Among Native American People taught by Professor Phil May and Sociology of Deviance Among Mexican Americans taught by Professor David. Extensive use was made of guest lecturers, video tapes of oral histories and comprehensive bibliographies of various aspects of these cultures.

Research

Research proposals submitted to funding agencies: "A Proposal to Test a Structural Theory of the Relationship Between Attitudes and Behavior" submitted by Professor Melvin DeFleur of our Department and Professor Timothy Plax of Speech Communications to the National Science Foundation. Research proposal on Undocumented Workers in New Mexico submitted by Professor Pedro David to Community Services Administration.

Enrollments: Our enrollment was approximately one hundred students over last term.

FACULTY PUBLICATIONS

Books, articles & research proposals


Progress on monograph on organizations: The Threat
Progress on article: "Feedback, Feedforward, and Feedwithin: Intelligence Functions..."

From *Species 0: An Introduction to Organizational Ecology.*

**David, Pedro R.**

Book: *Criminologia y Sociedad* (Criminology & Society)

240 pp. with A. Sanchez Galindo. (in print: *Journal of Penal Law.* Buenos Aires, Argentina)

**DeFleur, M.L.**

Book: (revision) *Sociology: Human Society* 3rd edition (with others) in press for 1979 or early 1980 publication.

Research Proposals: NSF Research Proposal Submitted Requesting $334,000 direct costs for 2.25 years.

"A Proposal to Test a Structural Theory of the Relationship Between Attitudes and Behavior."

**Gehlen, Frieden L.**

"Toward a Revised Theory of Hysterical Contagion," reprinted in M.D. Pugh and Joseph B. Perry, Jr.,
Huaco, George A.


Review of Whyte, Martin King, The Status of Women in Pre-Industrial Society in Social Forces (forthcoming)

Research: Continuing work on television stereotypes and sex roles, and women in politics using the national survey data sets with Carol Higgins; preliminary analysis on attitudes and aging.


May, Philip A.


"Recruitment and Retention of Physician to the Navajo Indian Reservation." Submitted to Rural Sociology (November, 1978)

"Crime and the American Indian," a paper presented
McNamara, Patrick H.

at the American Society of Criminology Meetings, November, 1978.

Professional Activity: Consultant to the Navajo Health Authority on the following projects:
"Automobile Accident Analysis for the Navajo Nation" and "Navajo Alcohol Programs Evaluation Project."

Articles: "Conscience, Catholicism, and Social Change in Latin America," Social Research, 46, 2 (Summer, 1979)
Following are co-authored with Arthur St. George:


"'Filthy Pictures' or the Case of the Fraudulent Social Scientist: Unmasking the Phony Expert," The American Sociologist, 14, 3 (August, 1979).

Research in Progress: Continuing annual survey of seniors at St. Pius High School, a study of change in selected religious and secular values and attitudes.

A sociological study of distance runners (with Rose Mary Clark). Preparing manuscript to be submitted for publication.


University Committees: Athletic Council; Religious Studies Committee; elected to Academic Freedom and Tenure Committee.

Undergraduate Advisor.

Presentations to Civitan Club, Caravan Club, Exchange Club, and Parents Without Partners through UNM Speakers Bureau.


Research Project: Preliminary work on the application of Marxian theoretical criteria to the study of class stratification and social mobility in the United States.

Other services: Admissions and Registration Committee.


Activities: Member, Governing Council, Rocky Mountain Council on Latin American Studies.
Selected as session organizer for next meetings of Latin American Studies Association, Houston, Texas.

Presented paper at conference on The Undocumented Worker, organized by the Community Services Administration, San Cristobal, New Mexico.

Appeared on television and radio and on public panel organized by N.M. Humanities Council on the Panama Canal Treaties.

Presented paper on the Sociology of Institutional Dependency at a Conference on Dependency organized by N.M. Humanities Council.

Served as President of the Faculty Senate, term ending summer, 1978.

Member, UNM Press Committee, 1978-79 academic year.

Articles: "Blessed are the Downtrodden: Religious Beliefs and the Quality of Life" (with P. McNamara) in Sociological Analysis, 39, 4 (1978)


Activities: National evaluation meeting of CAUSE for National Science Foundation.

Member, Evaluation Committee, Cancer Control Program, School of Medicine.

Summer faculty advisor.
Member of Arts & Sciences Human Subjects Committee.

Co-director of University Statistical Laboratory (with Bert Koopmans).

Tomasson, Richard F.


Research projects: completed Iceland: The First New Society, accepted for publication by the University of Minnesota Press.

Wrote article on the political parties of Iceland.

Edited volumes 1 and 2 of Comparative Studies in Sociology.

Wrote three book reviews.

Activities: President, Society for the Advancement of Scandinavian Study.

Attended annual meeting in May, at University of
Massachusetts - Amherst.

Member of Subcommittee on Western Europe, Committee on World Sociology, American Sociological Association.


Participant in roundtable discussion on welfare in the U.S. with Fred Harris and Ferenc Szasz, broadcast in April.

Participant in Scandinavian Studies Conference, University of Texas at Austin, November, 1978.


Advisory editor, Journal of Military and Political Sociology.

Member, Departmental Recruitment Committee, 1978-79.

Member, Arts & Sciences Promotion Committee, 1978-79.
Valdes, Nelson P.

Lectures and Conferences: "Cuban Foreign Policy in Africa in Perspective," 1979
International Studies Association, Toronto, Canada, March 23, 1979
April 10, 1979.
"20 Years of the Cuban Revolution: A Perspective and New Avenues of Inquiry,"
Keynote address to SECOLAS, Tampa, Florida, April 21, 1979

Professional Development: Presently Research Associate to Manuel Moreno Fraginals' group on Cuban Society and Culture, Habana, Cuba

Woodhouse, Charles E.

Article: To be published "Revolutionary Optimism and the Practice of Revolution: The Jewish Bund in 1905" (With Henry J. Tobias)
A study of the relationship between large-scale organizations and social change (with Prof. Dodd Bozart)
To: Dean Wollman, Arts & Sciences
From: Pedro David, Chair, Sociology


Due to some error, Professor Richard Coughlin's name and publishing activities were left out of our Annual Report information. Please attach this information sheet (that is enclosed with our memo) to your copy of the Annual Report. Thank you.
Coughlin, Richard M. Book: *Ideology and Social Policy*, accepted for publication by the Institute of International Studies (University of California, Berkeley).


Consultation on revision of Social Welfare chapter of Melvin L. DeFleur et al., *Sociology: Human Society*.

Research in progress (with Prof. P.K. Armour, University of Texas at Dallas) on "Social Policy and Political Conflict".
I. General Departmental Information

A. Significant Achievements

Academic year 1978-79 was a period of transition for the Department of Speech Communication. Adjustments for the unanticipated resignations of Pace and Feingold, and for the mid-year resignation of Gerace, were made with the appointment of four Visiting Instructors/Assistant Professors: Kaminski, Krieger, Macklin, and Anast. In October 1978, the faculty met with the central administration to discuss the goals of the Department as they relate to the Department itself, to the College, to the University, and to the community at large. The Department's Statement of Organization and Direction was developed (see attachment A) and describes the central focus of the Department, the Department's interface with the University and local community and its future plans for leadership and development. There was faculty consensus that the foremost need in the Department was to identify a person who could provide senior level leadership, an individual recognized for his/her scholarship and ability to coordinate funded research projects, who held a view of departmental administration as a creative process, with a focus on faculty and student development. Having the support of the central administration on these criteria, the Department conducted a search for a chairperson, and selected Kenneth Frandsen (Pennsylvania State University) for this position. Approvals were also made for the appointment of permanent faculty in the areas of Organizational
Communication (E. Kaminski), Rhetorical Communication (J. Schuetz), and in Organizational Communication/Director of Forensics (B. Spiker). The appointment of these individuals for term contracts will provide the department with a more lasting stability than was experienced during 1978-79.

**Instructional Concerns:** (grading practices, course enrollments and demands, teaching evaluations, Telecommunication curriculum, special programs, Forensics).

**A. Grading Practices:** In the past several years, the department has made a concerted effort to ensure that grading practices were not subject to inflated estimates of the student's accomplishments. In a memo from Dean Wollman (7/10/78), the department was congratulated for its successful efforts in this direction, and this practice has continued to exist. In Semester I 1978-79, A's and B's accounted for 35% of all grades in lower division courses in Speech Communication (the fifth lowest in the College), and for 53.9% of all grades in upper division courses in Speech Communication (the fourth lowest in the College).

**B. Course Enrollments:** Student demand for courses in Speech Communication has continued to be high. In the introductory classes taught each semester (101, 102, 130, 221, 261) student enrollments number between 850 and 1000, with an additional 500 enrolled in other classes. There has been no noticeable change (specifically, no decrease) in student enrollments although stringent grading practices have been used.

**C. Teaching Evaluations:** Regarding classroom instruction, the reputation of the department is that the faculty are demanding and effective in their instructional responsibilities. The teaching evaluations for the faculty continue to indicate average to high average ratings on classroom instruction.
D. Telecommunication Curriculum: Since January 1979, the Office of the Provost and selected departments (Speech Communication, Journalism, Theatre Arts, and Educational Foundations) have been active in the coordination of course offerings in the area of Television and Film. Jean Civikly has served as Chairperson of the Curriculum Subcommittee of the University Council on TV/Film, and Robert Schrag has also been very active in the re-definition of course offerings in the area of Telecommunication. Pending final approval of the subcommittee's report (see attachment B), the Department of Speech Communication will emphasize instruction and research on the analysis and impact of mediated messages. This emphasis on critical analysis, and on the study of media from a consumer-audience perspective represents a major shift from previous years. In the past, the department has also taught television production skills, although the studio facilities were not adequate for such purposes. If the restructuring of the TV/Film curriculum is achieved, instruction in television production will be assumed by the faculty of Theatre Arts.

E. Special Programs: In Summer 1978, the Department of Speech Communication received funds from the Dean's office to sponsor a Summer Lecture Series. The individuals selected for the series (see attachment C) hold national reputations for their research in speech communication and the social sciences: Malcolm Sillars (Dean of the College of Humanities, University of Utah); Robert Rosenthal (Professor, Harvard University); and Wilson Bryan Key (author, Subliminal Seduction and Media Exploitation and President of Mediaprobe, Inc.). A lecture to be given by Robert J. Kibler (Professor of Communication, Florida State University) was canceled due to his death.
The lectures were well attended for each speaker, and responses from the students, from faculty in departments other than Speech Communication, and from the speakers themselves were all very positive, with requests for similar programs as part of the regular summer course offerings in Speech Communication. Unfortunately, this fund was not available for such activities for Summer 1979.

The Department of Speech Communication also served as host for the New Mexico Communication Association this year (November 1978). This association provides individuals in New Mexico with interests in speech communication at the college-university level an opportunity to meet and present research reports and updates on projects having statewide interest.

F. Forensics: As stated in the annual report of the Director of Forensics, Daniel DeStephen (see attachment D), 1978-79 was a successful year for the program. However, with the reduction in faculty in the department to ten members, and with the termination of DeStephen's contract with the University, the faculty has expressed the need to review the program's goals and the feasibility of departmental supervision in light of other instructional and research-publication responsibilities of the Director. This review will be undertaken during the academic year 1979-80 at a time when the department will be returning to 10 permanent faculty, including the new permanent chairperson. One alternative expressed by the Department is that the responsibilities for Director of Forensics be moved from the faculty position line to a staff line, and that an individual from the Albuquerque area be hired for the sole function of directing the program (part-time staff appointment). This alternative and a number of others have been provided in various reports by DeStephen and by Civikly, and are on file in the Department's office.
Departmental Operations: (Faculty Committee Assignments, Activities in Professional Associations, Research Appointments, Salary Merit Formula, Physical Accommodations, Departmental Library).

A. Faculty Committee Assignments: Throughout the year, departmental faculty have served on department, college and university committees. Department committees appointed at the Fall Planning Conference were as follows:

Undergraduate Committee: Richard Jensen (Chair), Robert Schrag and Dan DeStephen.

Graduate Committee: Timothy Plax (Chair), Lawrence Rosenfeld and Susan Krieger (replaced by Edmund Kaminski in late Spring 1979).

In the College of Arts and Sciences, Timothy Plax served on the Promotion Committee for Social Studies, and as chair of the Arts and Sciences Human Subjects Committee. At the University level, Jean Civikly was a member of the Committee on Faculty Development and served as chair of the Curriculum Subcommittee of the Council on TV/Film. Robert Schrag served as a member of the Council on TV/Film and of the Student Radio Board. Dan DeStephen served on the committee on Scholarships, Prizes and Loans. Richard Jensen is a member of the Arts and Sciences Graduate Committee.

B. Activities in Professional Associations: Lawrence Rosenfeld is serving as Editor of the Western Journal of Speech Communication, the publication outlet for the Western Speech Communication Association (WSCA). Jean Civikly has served as Vice Chair of the Speech Communication Education Group of WSCA and has assumed the Chair for 1979-80. She also served as Chair for the Nominating Committee and the Annual Conference Committee for the International Communication Association. Timothy Plax has served as Vice Chair of the Behavioral Sciences Interest
Group of WSCA and has assumed the Chair for 1979-80. Richard Jensen has served as Vice Chair for the Rhetoric and Public Address Interest Group of WSCA. For the New Mexico Communication Association, Estelle Zannes has served as President and Richard Jensen is the Vice-President and Acting Editor of the state publication, the *New Mexico Communication Journal*. Jensen and Civikly also serve as Associate Editors for the *Western Journal of Speech Communication*.

C. Research Appointments: Lawrence B. Rosenfeld has a research appointment for his work as Editor of the *WJSC*. In Spring 1978, Estelle Zannes had released time to serve as Director of Public Information for the Mayor's office, City of Albuquerque.

D. Salary Merit Formula: For the first time in the Department's history, a Salary Merit Formula (see Attachment E), adapted from that developed by the Department of Chemistry, was used to calculate salary raises for the faculty. The formula calculations were representative of faculty accomplishments and it is recommended for continued use by the incoming chairperson.

E. Physical Facilities: The Department continues to function in dispersed office locations, and has increased its geographic spread this year with the acquisition of a temporary building (613 Buena Vista) in replacement for the basement of 1805 Roma which has been assumed by the Faculty Club. Office facilities for faculty in 1805 Roma (second floor) continue to violate regulations for the handicapped (there is no access to the second floor other than staircases), and health regulations (the previous men's room is now used by both men and women). Plans to move to the building which now houses Communicative Disorders (608 Buena Vista) have not materialized. Such a move would allow for the centralization of the department staff and the faculty, and would provide for
the needed research observation facilities described in building reports
made to the Dean and the University Architect.

F. Departmental Library: Thomas Macklin (Visiting Instructor) was
assigned as the Department's Library Liaison for 1978-79. In addition
to his contacts with the General Library, he organized a departmental
library (located in 1801 Roma). The library houses texts and various
reference materials which are the property of the faculty and are avail­
able for use by the Department's graduate students. The library has
had moderate use in its first year, and a review of its service should
be undertaken to increase usage.

B. Significant Plans and Recommendations for the Future

1. Degree Program.

At the graduate level, the Department of Speech Communication offers
a Master of Arts degree with emphases in each of the following areas:
interpersonal/organizational communication, rhetorical communication,
and mass communication. There is no doctoral program in Speech Communi­
cation available in the State of New Mexico, and until this year the
Department of Speech Communication was not at a stage of development
to fill the need for such a program. Beginning 1979-80, with the
stabilization of the Department, the appointment of a permanent chair­
person, and a departmental tenure ratio of .50 (two at rank of Professor
and three at rank of Associate Professor), the University, School of
Graduate Studies, College and Department are in a position to seriously
consider a Ph.D. program in Speech Communication. Faculty expertise
and experience is now available. Student requests for a Ph.D. program,
made during conferences with advisors and in written correspondence,
are frequent and steady. It is recommended that a doctoral program in
2. Funded Research Projects.

A departmental objective formally identified in Fall 1978 was the procurement of funded research projects. At present, this objective is being met at several levels. Professor Rosenfeld is continuing as Assistant Director of Research for the Fair Hearing Project, a grant totaling approximately $500,000 in its second phase (funded by the National Science Foundation, the Department of Labor, and Health, Education and Welfare). Professor Plax, in conjunction with Professor DeFleur (Sociology), is awaiting a decision on a major grant proposal (approximately $500,000) to study the relationship between attitude and behavior. Most of the faculty in the Department have received funds from the University's Research Allocations Committee at some point in their research. For the immediate future, encouragement of nationally funded projects is of prime concern. Such projects will benefit both the University and the Department.

3. University Forensic Program.

Since the inception of UNM's forensic program, the Department of Speech Communication has assigned a faculty member a minimum of .33 FTE as director of the program. In the last ten years, such an arrangement has been problematic to the individual directing the program (in terms of instructional and research responsibilities to be met for retention at the University), and to the Department (in terms of loss of at least .33 FTE). This problem has magnified as the number of faculty in the Department has decreased from 16 to its present 10. The Department's obligation to offer its curriculum has not been met.
satisfactorily. During the academic year 1978-79, the Director of Forensics was not approved for retention at UNM. Discussions at several meetings with the Provost and the Dean have concluded with the recommendation that the Forensic Program be reviewed during the academic year 1979-80 for its cost-effectiveness, supervision, student need, and continuation. More specifically, it is recommended that the incoming chairperson, Kenneth Frandsen, should meet with Dean Wollman to discuss the specific procedures in beginning this evaluation, e.g., formation of a review committee, survey of forensic programs at other comparable universities (size, faculty and student numbers, budget, etc).

4. Summer Lecture Series.

Based on the success of the 1978 Department of Speech Communication Summer Lecture Series, it is recommended that the Department be provided with funds necessary to conduct the lecture series on a regular basis, and as part of the class requirements for students taking selected credit courses. This series will enhance the stature of both the University and the Department, and will attract scholars with national reputations in areas of study of interest to the Communication and Social Sciences.

5. Physical Facilities.

The Department of Speech Communication is currently housed in three separate buildings: 1801 Roma, 1805 Roma (second floor only), and 613 Buena Vista. As noted on page 6, there are a number of violations of building and health codes which have not been attended to by the University--most specifically, the lack of accommodations for handicapped students. As noted in preceding annual reports, the identification of a centralized building complex for the Department has not been achieved to date.
C. Appointments to Staff

Faculty
Edmund P. Kaminski, Visiting Assistant Professor, August 14, 1978
   Assistant Professor, academic year 1979-80
Susan D. Krieger, Visiting Assistant Professor, August 14, 1978
Thomas J. Macklin, Visiting Assistant Professor, August 14, 1978

Part-time Faculty (temporary)
Adrian Anas, Visiting Lecturer, January 8, 1979
Rolayne DeStephen, Lecturer II, January 8, 1979
Robert Grossfeld, Lecturer I, January 8, 1979
Farrell Udell, Lecturer I, January 8, 1979

Graduate Assistants
Lawrence Bernabo, Semester II
Richard A. Hudson, academic year
Pamela Kalbfleisch, academic year
Michael Midgley, Semester I
David O'Connell, academic year

Teaching Assistants
Gene D. Fowler, Semester I
Richard J. Quezada, Semester II

Staff
Barry D. Kirk, Electronic Technician II, September 25, 1978
Margaret R. Poor, Staff Secretary, August 23, 1978

Work-Study Students
Patricia Decker, academic year
Anita Duran, Semester II
Mark Martinez, Semester II
Melvin Mays, Semester I

D. Separations from Staff

Faculty
Farrel J. Corcoran, Visiting Assistant Professor, May 12, 1979
Daniel E. DeStephen, Assistant Professor, May 12, 1979
Paul C. Feingold, Assistant Professor, resigned July 15, 1978
Frank A. Gerace, Assistant Professor, resigned December 16, 1978
Susan D. Krieger, Visiting Assistant Professor, May 12, 1979
Thomas J. Macklin, Visiting Assistant Professor

Staff
Sharlan D. Thomas, Staff Secretary, August 11, 1978
II. Faculty Accomplishments: January 1 - December 31, 1978

1. Advanced Study


Thomas J. Macklin. Requirements completed for Ph.D., Indiana University.

2. Sabbaticals, Leaves of Absence, etc.

Estelle Zannes. January to May 1978, on reduced load from UNM. Public Information Director for City of Albuquerque. Started city newspaper, City Hallways. Conducted intern program with Speech Communication, Journalism and Drama students; conducted training classes for City employees (management seminars for Correction and Detention, etc.). Organized media information sessions, etc.

3. New Scholastic Honors, etc.

None

4. Publications

Daniel E. DeStephen


"An Investigation of the Relationship between Tournament Success and Rate, Evidence, and Jargon," being revised for publication.

Richard J. Jensen


4. Publications

Richard J. Jensen


Timothy G. Plax


"Role Enactment as a Socially- Relevant Explanation of Self-Persuasion," Human Communication Research, in press.


Lawrence B. Rosenfeld


Robert L. Schrag


Estelle Zannes

City Hallways: numerous articles including "Team Policing Works," "MBO," "Water/Waste Story," aired on Channel 5, KNME-TV.

5. Other Research Projects or Creative Work in Progress or Completed

Jean M. Civikly

Self-Disclosure and Psychological Sex-Types (Chapter preparation, Paper presentation accepted for International Communication Association convention 1979) with Lawrence B. Rosenfeld.

Richard J. Jensen

Completed research on "Southwest Rhetoric," Faculty Research Allocations grant.
5. Other Research Projects of Creative Works in Progress or Completed

Thomas J. Macklin
Continuing work on relationship between self-actualizing values and interpersonal communication behaviors.
Continuing work on determining salient interpersonal communication constructs.

Timothy G. Plax
"A Proposal to Test a Structural Theory of the Relationship between Attitudes and Behavior," submitted to the National Science Foundation, December 1978.

Lawrence B. Rosenfeld
Researcher for the Fair Hearing Project, National Science Foundation grant of $241,000.

Robert L. Schrag
"Beyond Newcomb: An Examination of Contemporary Situation Comedy"
"Examining the Urban Vision in Contemporary TV Programming" both studies being supported, with tape purchased with University Research Allocation funds.
"Media Gratification Patterns among Media Criticism Students"

Estelle Zannes
Creative works: City Report (in progress--first city report to citizens)
Text: The Useful Book (due for publication 1980, Addison-Wesley, publisher).
Novel: The Last Block Party (publication, 1980).

6. Activities in Learned and Professional Societies

Jean M. Civikly
International Communication Association, Chicago, April, 1978:
Member at Large, Board of Directors; Chair, Nominating Committee; Chair, Committee on Annual Conferences; Workshop Presentation: Ethnic Humor: What's Funny and Why?; Program Critic/Discussant:
Competitively Selected Papers in Instructional Communication.
State Representative, Speech Communication Association Membership Committee.
Contributing Editor, ICA Communication Yearbook, Volumes III and IV.
Associate Editor, Western Journal of Speech Communication, 1979-80.

Daniel E. DeStephen
Member, District Nine National Debate Committee;
Member, District Nine National Individual Events Committee;
Guest Critic, 1978 National Debate Tournament;
Host-elect, District Nine Debate Qualifying Tournament.
6. Activities in Learned and Professional Societies

Richard J. Jensen


Edmund P. Kaminski

Speech Communication Association Annual Conference: Chairperson, Communication and Law Committee.

Timothy G. Plax


Lawrence B. Rosenfeld

Editor, Western Journal of Speech Communication.

Robert L. Schrag


Estelle Zannes

7. Other Professional Activities

Jean M. Civikly
Workshop Instructor: Project Focus, June 1978.
Communication Education Workshop Instructor: Washington Middle School, September 1978.
Communication Education Workshop Instructor: Jefferson Middle School, September 1978.

Daniel E. DeStephen
Host, 1978 High School NFL District Speech Contest
Director, 1978 UNM Debate Workshop
Host, 1978 UNM High School Invitational Speech Tournament
Host, 1978 UNM College Invitational Forensic Tournament

Richard J. Jensen
Workshop on Communication, Lovelace-Bataan Medical Center, February-March 1978.
Taught Problem Solving Discussion at Sanostee, New Mexico through Navajo On-Site Teacher Program, Spring 1978.

Thomas J. Macklin
Consulted for Lovelace-Bataan Medical Center.
Consulted for Planned Parenthood of New Mexico.

Robert L. Schrag
Wrote proposal for a Video Institute, submitted and under consideration by Provost Hull.

Estelle Zannes
Hostess for "Governor's Report" with Governor Apodaca.
Consultant for City of Albuquerque (communication problems and training, public relations, reorganization of city departments, etc.).
Speeches to Toastmaster Club, Philosopher's Club, Child-Abuse seminars; etc.

8. Non-teaching University Service

Jean M. Civikly
Evaluator, Graduate Committee, College of Education, Department of Elementary Education.
Graduate and Undergraduate Advisor, Department of Speech Communication.
8. Non-teaching University Service

Daniel E. DeStephen
Faculty Advisor: New Mexico Forensic Council.
Member: Scholarship, Prizes, Loans and High School Relations Committee.
Faculty Advisor: UNM Chapter of Delta Sigma Rho-Tau Kappa Alpha (forensic honorary).

Richard J. Jensen
Member, Undergraduate Committee, Department of Speech Communication.
Member, Arts and Sciences Graduate Committee.
Key Person, Department of Speech Communication, United Way Campaign.

Thomas J. Macklin
Departmental Library Liaison; established departmental graduate library.

Timothy G. Plax
Member, University Research Policy Committee.
Member, Arts and Sciences Human Subjects Committee.
Chairperson, Arts & Sciences Human Subjects Committee.
Member, College of Education Graduate Committee.
Member, Palene Rendoni's doctoral candidacy and examination committees, Department of Educational Foundations.
Member, Helen Rose Lavagnino's doctoral candidacy planning and examination committees, Department of Educational Foundations.
Member, College of Arts & Sciences Graduate Committee.
Member, University Human Subjects Committee.
Chairperson, Graduate Committee, Department of Speech Communication.
Member, Leo Maestras' doctoral dissertation committee, Department of Educational Administration.
Member, doctoral comprehensive examination committee, Department of Educational Administration.
Member, Cheryl Hutchinson's master's thesis committee, Department of Communicative Disorders.

Robert L. Schrag
Member of Departmental Undergraduate Committee.
Member of the Board of Directors for KUNM-FM.

Estelle Zannes
Member, Speech Communication graduate advisory committee, Spring 1978.
Faculty advisor for graduate students.

9. Public Service

Jean M. Civikly
9. Public Service

Richard J. Jensen
Lector, Aquinas Newman Center.

Lawrence B. Rosenfeld
Communications consultant for APS, Lovelace-Bataan Hospital, and other organizations and groups.

Robert L. Schrag
Chairman of Adult Discussion Group, Temple Albert, June, July, August 1978.

Estelle Zannes
Greek festival worker.
I have, for a considerable time, been badgered by a relatively simple paradox in our field, one which ultimately served as the impetus for this paper. On the one hand, we claim that communication, by its nature, is supradisciplinary. On the other, we stand subservient to methods of inquiry developed by others. And, because of our preoccupation with methodological elegance and failure to develop our own comprehensive theory, we depend upon the syntheses of other disciplines to provide our more generic frameworks of communication and human behavior. At the same time, seemingly unsensitized to this state of affairs, we ask why our field often seems to lack an identity of its own, and why we must face the continuing inquisitions of university colleagues and practitioners aimed at requiring us to justify our existence. (Budd, *Communication Yearbook*, 1975, p. 29)

Defining the field of speech communication is problematic both for individuals engaged in the study of communication as well as those outside the profession. For ease of explanation, communication scholars frequently and mistakenly borrow labels from disciplines with which individuals appear to be more familiar. These areas include "social psychology," "sociology," "linguistics," "psychology," and "history." The labels borrowed are from field related to communication by their shared interest in human interaction. Departments of Speech Communication throughout the country are necessarily interdisciplinary because of their concern with theories of human behavior and the adaptation of research methodologies from social science disciplines and the humanities.

Communication differs from other disciplines in its belief in the centrality of human interaction in the development, maintenance and evolution of human relationships. Although virtually every social science
Discipline looks at human interaction, for them communication is usually important only as a transmission medium for some other variable and not as an important variable in its own right. Communication scholars believe that human relationships are of primary concern and that the process of communication functions as the primary agent in this understanding.

The unique offerings of speech communication include the isolation and study of the communication process, as it affects human relationships, and the interrelationships of persons, messages, situations, and temporal factors. Although virtually every social science discipline looks at human interaction, no other discipline concerns itself exclusively with the complex phenomena of human beings sending and receiving messages, the crux of human relationships. The Department of Speech Communication at the University of New Mexico has as its core the study and practice of encoding and decoding messages used by humans to relate to each other and their environment.

Focus

Until perhaps the last twenty years, the discipline of speech communication was rather easily identified. Before the late 1950's, speech communication scholars concentrated on performance-oriented concerns, particularly public address, persuasion, and debate. The roots of the study of communication in antiquity were clearly evident in the research and teaching practices of the time. While departments continue to build their curricula on this rhetorical base, scholars have also developed other areas of study, including interpersonal, organizational, and tele-mediated communication. The emergence of these contemporary interests changed the complexion of the discipline from one primarily conceived of
as "public address" to one now looked upon as the "science of communication." Human communication encompasses the practice (art) of communication, which is firmly rooted in the research (science) developed over the past two thousand years.

During the early years of Speech Communication at the University of New Mexico, under the direction of Wayne Eubank, the department reflected an emphasis on rhetorical communication. Courses in oral interpretation and public speaking characterized the department, as it did other departments throughout the country. When Wayne Pace became the chairperson in 1972, a change in direction occurred which reflected the changes in national trends. Our adaptation to these changes resulted in an increase of courses in interpersonal communication, organizational communication, and media analysis and evaluation, and a deemphasis of courses in oral interpretation, and the splitting of Communicative Disorders into a separate department. These changes are also indicative of a narrowing of departmental interests. While the field continues to be a very broad one, our departmental interests continue to systematically focus and narrow.

Department interests, however, continue to reflect national concerns. In 1978, the Speech Communication Association, the national organization for communication scholars, profiled membership interests, and the "top three" were identified as: Rhetorical Communication; Interpersonal and Small Group/Organizational Communication; and Mass Communication. These areas are also well represented in other national, international, and regional organizations. Moreover, these three areas serve as the core of definition for the field of human communication, and are tied together by their common concern with human encoding and decoding message behavior.
Other interests identified as part of the field of communication include theatre, speech and language sciences, instructional development, political communication, intercultural communication, and health communication. A department of our size cannot reasonably include fully developed programs in all these areas nor does the department define itself so broadly as to necessitate such inclusion.

Our national reputation among communication scholars is a strong one which rests on our productivity and excellent teaching in the three core areas of the field (the department separates Organizational Communication from Interpersonal and Small Group Communication). To narrow our department further would make it unrepresentative of the field; to broaden our focus would strain our present resources.

Interfacing with the University Community

The Department of Speech Communication is an integral part of the university community. First, courses in our department function as service courses for other departments in the university. The College of Nursing, for example, requires Interpersonal Communication (221). The College of Engineering requires Public Speaking (130). Selected departments in the College of Education require or strongly recommend other courses offered in our department, including Communication for Teachers (270), Small Group Communication (425, also offered as Educational Foundations 420), Nonverbal Communication (323), Theories of Communication (421), and Speech Communication in the Secondary Schools (470-471). Communicative Disorders, in the College of Arts and Sciences, strongly recommends Communication Research Methods (528). Business and Administrative Sciences works closely with our department in planning courses of study leading to a minor in Organizational
Communication. Moreover, service courses are also provided for the university's extension program and for the Navajo Program and A.I.P.C.

In addition to service courses, course offerings interface well with various programs in the university. Our Forensics Program, for example, complements instruction in the Law School. Courses in intercultural communication and southwest rhetoric complement programs in American Studies, Chicano Studies, Afro-American Studies, Native American Studies and Women's Studies. Courses in telecommunication, such as Writing for the Telecommunication Media (466), support courses in Journalism and Sociology, particularly with the mass communication work offered by Melvin DeFleur. Finally, courses in rhetoric, such as the Rhetoric of Dissent (336) and Rhetorical Theory (431) complement courses offered in History and Philosophy and Campaigns and Movements (334) complements courses in Political Science.

Beyond instructional involvement, members of the Speech Communication faculty serve other departments by giving invited lectures, participating on thesis and dissertation committees, and functioning as associate or voting members of other departmental faculties. Members of other departments have also served on committees in this department. For example, Professors Gallacher (English) and Merkx (Sociology) served on departmental tenure and promotion committees, and Professors Bogart (Sociology), Ellis (Psychology), Harris (Psychology), Hirshfield (Secondary Education), Small (Health Education), and Ellis (History) all recently served on thesis committees in the department.

Departmental service on college and university committees is also extensive. During academic year 1978-79, for example, we have faculty members serving on the Arts and Sciences Graduate Committee, Committee on Use of Human Subjects (Plax is chairperson), Student Radio Board, Research
Policy Committee, Scholarships and Awards Committee, and the Senate Minority
Student Recruitment Committee.

Another example of the department's integration into other parts of
the university is illustrated by the composition of the N.S.F.
Teleconferencing grant funded through Public Administration and housed in
the Law School. The investigative committee of the grant includes faculty
from Political Science, Public Administration, Economics, Law, and Speech
Communication.

With service courses, mutual involvement on thesis and dissertation
committees, complementary instructional programs, and complementary
research programs, the Department of Speech Communication fulfills a needed
function in the university.

Direction

The Department of Speech Communication is at a critical point in its
development: the faculty has begun to stabilize, with four of its eleven
members granted tenure; new positions are available as four members are
on one-year contracts; and the search for a permanent chairperson is under
consideration. The next year should set the groundwork for maintaining
the department as a major force both within the university community and
the field of communication.

The faculty of this department are extremely effective in both teaching
and research activity. Although the mean age of the department members is
approximately 33, productivity seems indicative of a much older faculty.
Approximately twelve books, eighty articles, and ninety convention papers
have been written and presented by this faculty. With this high productivity,
excellence in teaching is still maintained. Teaching evaluations indicate
that the faculty, as a whole, has a "high average" rating from students
enrolled in our courses. High scholarly output, excellent teaching, and the maintenance of high standards for our students, have marked the department's development over the past six years.

At present, the department wishes to maintain its presentation of the field of communication in its current course offerings, and increase its research endeavors through outside funding. Over the next five years, the department anticipates administrative support in its effort to fully realize its potential. Strengthening of our present faculty positions is necessary and can be accomplished by: (1) converting the four one-year positions to tenure-track lines; (2) adding several graduate and teaching assistantships to the departmental budget; and (3) granting approval for hiring a chairperson from outside the present Speech Communication faculty.

To accomplish these departmental goals, the number of faculty positions in the department must stabilize at approximately twelve full-time faculty. With so few faculty covering each major area of the field, the loss of even a single person can cause drastic shifts in course offerings, and an overall reduction in the quality of the program.

The overall quality of the program is also intimately connected with the quality of the students it attracts. Over the past few years, the quality of students applying to our program has increased markedly, as evidenced by the records and letters of recommendation they present. High quality students are recommended to this department because of the extremely high quality of our faculty, yet we cannot offer minimal financial aid to support their program of study. Although good students wish to come here and are accepted into the program, because of a lack of financial support, many go to other schools. This loss affects the overall quality of our program, as well as the quality of the University of New Mexico.
Finally, departmental goals may be best realized through the proper selection of a permanent chairperson. It is assumed that the chairperson will be an individual familiar with the major areas of speech communication, and have a recognized reputation as a scholar and teacher. Two considerations of major importance are that the chairperson has (1) experience with obtaining and coordinating funded research projects, and (2) demonstrated experience as an administrator. As discussed above, we are a relatively young and highly productive faculty, and would develop best under the direction of such an individual with experience in administration and funded research projects, who can offer senior level leadership.
Report of the Curriculum Subcommittee
of the TV/Film Coordinating Council

May 1979

Curriculum Subcommittee Members:

Alan Baker, Theatre Arts
Jean Civikly, Speech Communication (Chairperson)
Charles Coates, Journalism
James Crow, Journalism
Robert Hartung, Theatre Arts
Peter Prouse, Theatre Arts
Robert Schrag, Speech Communication
Guy Watson, Educational Foundations
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Recommendations of the Curriculum Subcommittee for Approval and Implementation of Academic Programs in TV/Film at UNM

The members of the Curriculum Subcommittee of the TV/Film Coordinating Council recommend the approval and implementation of the following academic programs in TV/Film at UNM (as described herein), effective Fall 1979:

1. Major-Minor Combinations
2. Double Majors
3. Interdisciplinary Major in A&S
4. Bachelor of Fine Arts

It is advised that students, after consultation with an academic advisor, select one of these programs for the study of TV/Film.

Jean M. Civikly, Speech Communication Chairperson

Alan Baker, Theatre Arts

Charles Coates, Journalism

James Crow, Journalism

Robert Hartung, Theatre Arts

Peter Prouse, Theatre Arts

Robert Schrag, Speech Communication

Guy Watson, Educational Foundations
Descriptions of Recommendations

As described in the Steiner report (4/11/79),

"... Students can specialize in television production, broadcast journalism, telecommunication research and criticism, educational technology or explore the interdisciplinary viewpoint of mass media communication in a liberal arts approach.

This curricula, which includes various academic departments, allows students to develop a major and a minor educational track in the B.A. programs in the Colleges of Arts & Sciences and Fine Arts.

A BFA program sponsored by the department of Theatre Arts will emphasize television production and will be available for those students electing a preprofessional degree.

In addition, through a detailed information package developed for all college advisors, a student could be guided towards an interdisciplinary program in mass communication utilizing the existing mechanism in the College of Arts & Sciences for 'interdisciplinary individual majors.' The cooperating departments have been careful to utilize existing degree programs or guidelines to facilitate the offering of these various degree programs. New course development was utilized only when essential and revision of existing courses was undertaken when necessary to avoid duplication and strengthen the telecommunication course offerings.

Students and faculty will have opportunities to work together cooperatively through team taught courses, joint ventures in production and interdisciplinary research...

1. Major-Minor Combinations: This program alternative is already in existence. The reason for specifying it as an option is to highlight to the student the various combinations of study in TV/Film which are available at UNM. Students interested in identifying a major-minor program which emphasizes TV/Film will need to meet with an advisor from the concerned departments to discuss the specific courses which meet departmental requirements and those which are recommended as best fitting the students' in TV/Film. The departments of Journalism, Speech Communication, and Theatre Arts have identified courses in their curricula which would constitute a minor for students (attached).

2. Double Majors: This program alternative is already in existence. As with the Major-Minor Combinations, the reason for specifying this as an option is for student information. Students interested in pursuing a double major in TV/Film studies will need to meet with an advisor from the departments identified, for course advisement, and must meet the requirements of the double major as specified in the University catalog (p. 37, 1977-78, 1978-79 edition).

3. Interdisciplinary Major in A&S (see attached)

4. Bachelor of Fine Arts (see attached)
1. **Major-Minor Combinations**

These combinations may be formed by any of the following programs:

- Journalism (major) - Speech Communication (minor)
- Journalism (major) - Theatre Arts (minor)
- Speech Communication (major) - Journalism (minor)
- Speech Communication (major) - Theatre Arts (minor)
- Theatre Arts (major) - Journalism (minor)
- Theatre Arts (major) - Speech Communication (minor)
- College of Education (major) - Journalism (24 hour minor)
- College of Education (major) - Speech Communication (24 hour minor)
- College of Education (major) - Theatre Arts (24 hour minor)

2. **Double Majors**

Double Majors may include any of the following combinations:

- Journalism - Speech Communication
- Journalism - Theatre Arts (BA or BFA)
- Speech Communication - Theatre Arts (BA or BFA)
### Departmental Course Advisement for Minors

#### Journalism

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jour 251</td>
<td>News Writing and Reporting I</td>
<td>3</td>
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<tr>
<td>Jour 252</td>
<td>News Writing and Reporting II</td>
<td>3</td>
</tr>
<tr>
<td>New Jour 270</td>
<td>Introduction to Broadcast Journalism</td>
<td>3</td>
</tr>
<tr>
<td>New Jour 271</td>
<td>Broadcast News Reporting</td>
<td>3</td>
</tr>
<tr>
<td>Revised Jour 340</td>
<td>Broadcast News Reporting</td>
<td>3</td>
</tr>
<tr>
<td>Revised Jour 341</td>
<td>Television News Programming</td>
<td>3</td>
</tr>
<tr>
<td>Jour 375</td>
<td>Intermediate Reporting</td>
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**Total: 21**

#### Speech Communication

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<thead>
<tr>
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<tr>
<td>SpCom 102</td>
<td>Introduction to Speech Comm.</td>
<td>3</td>
</tr>
<tr>
<td>SpCom 262</td>
<td>Speaking Skills for Radio-TV</td>
<td>3</td>
</tr>
<tr>
<td>SpCom 268</td>
<td>Introduction to Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>SpCom 334</td>
<td>Campaigns and Movements (for Journalism majors)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mass Communication Marketing and Management</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>(for Theatre Arts majors)</td>
<td></td>
</tr>
<tr>
<td>SpCom 362</td>
<td>Mass Communication Marketing and Management</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>(for Theatre Arts majors)</td>
<td></td>
</tr>
<tr>
<td>SpCom 368</td>
<td>Media Criticism I</td>
<td>3</td>
</tr>
<tr>
<td>SpCom 428</td>
<td>Mass Communication Research</td>
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**Total: 18**

#### Theatre Arts

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<th>Units</th>
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<tr>
<td>New T.V. 115</td>
<td>Historical Introduction to T.V.</td>
<td>3</td>
</tr>
<tr>
<td>New T.V. 116</td>
<td>Technical Introduction to T.V.</td>
<td>3</td>
</tr>
<tr>
<td>T.A. 120</td>
<td>Theatre Foundations</td>
<td>4</td>
</tr>
<tr>
<td>T.V. 220</td>
<td>Foundations of T.V. (Analysis Production Technology)</td>
<td>3</td>
</tr>
<tr>
<td>T.V. 221</td>
<td>Foundations of T.V. (Pre/Post Production)</td>
<td>3</td>
</tr>
<tr>
<td>T.V. 323</td>
<td>Technical Workshop (Studio Production)</td>
<td>3</td>
</tr>
<tr>
<td>Film 210</td>
<td>Introduction to Film</td>
<td>3</td>
</tr>
<tr>
<td>T.V. 397</td>
<td>Practicum I (Production Lab)</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total: 24**
INTERDISCIPLINARY INDIVIDUAL MAJORS IN ARTS AND SCIENCES
(Revised November 1, 1978)

Beginning with the Fall, 1978 semester, the College of Arts and Sciences is initiating a special option of "custom" interdisciplinary majors for qualified A&S students. Requirements for standard majors and minors often do not allow for a substantial number of related and coordinated courses outside the department. This interdisciplinary option would allow a greater degree of flexibility for those students having the initiative, desire, and ability to put together a special program of studies. This added program flexibility will increase the opportunities open to some graduating seniors, as they can pursue more directly an academic preparation that is aimed at professional or technical positions as well as specialized graduate school programs. For students accepted into the program, this interdisciplinary major will replace the current standard major/minor or double major.

Eligibility

It should be understood that this special program is a privilege accorded to Arts and Sciences students whose academic performance has demonstrated good faith and the seriousness of their academic objectives. The final determination of student eligibility for the individual major will be made by the A&S College Coordinating Committee based on students' academic records, quality of their program design and the qualifications of the members of their departmental program committee.

Proposal Procedure

In consultation with an Interdepartmental Faculty Committee, students will select courses of studies that will lead to interdepartmental majors. The primary responsibility for generating and designing the major rests with the student. Any student interested in the program must take the initiative in putting together the special program of studies and forming the interdepartmental committee of faculty in those areas that combine to form the composite major. Volunteer faculty members from those departments involved in each student's program will constitute this program committee. All committee members must be qualified faculty members as determined by the college coordinating committee.

Before the end of the first term of their junior year, (or when at least 54 credits remain for graduation) interested students will present their proposal for interdisciplinary study to their Interdepartmental Faculty Committee. After it is accepted by this faculty program committee, the plan will be forwarded to the A&S college coordinating committee. This college committee will be composed of three faculty members plus one student. Arts and Sciences departments may nominate the members of this college committee governing the program. The dean of the College will select the three members from the departmental nominees. The chairman of the committee will be appointed through the college office. The student member will be selected from the A&S Student Advisory Committee. Approval of the students' programs by both the individual student's faculty/departmental committee and the college coordinating committee is required before students may proceed with their program.
The Major

The interdisciplinary major must have a clear substantive focus that calls for a multi-disciplinary approach to the subject. (This is in contrast to the BUS degree program which requires neither focus nor a coordinated, planned, and approved program of studies. Moreover, BUS degree course work may be taken in any and all colleges.) The major will be composed of at least 54 credit hours with no more than 24 credits in any one department; no minor will be required. In addition to meeting all other A&S requirements (including a minimum of 96 credit hours in A&S courses) students must have at least 35 hours numbered 300 or above selected from no fewer than three nor more than five Arts and Sciences departments for their major. At least 21 of these upper division hours must be in courses offered by the College of Arts and Sciences; the remainder of the 35 major hours may be taken in other colleges.

A student may earn two or more majors, including no more than one individual major, with the provision that if a student’s total program includes courses in a particular department that substantially duplicate the departmental major, the student must declare that major. Courses used to fulfill one major may not also be used towards the other major.

Supervision

The progress of the student toward completion of the degree will be monitored by the student’s interdepartmental faculty committee drawn from members of the cooperating departments. In turn, these interdepartmental program committees will be coordinated by the A&S College Coordinating committee. One of the cooperating departments will bear primary responsibility for the student’s programs, records, advisement, etc. Duplicate records will also be kept by the college committee.

The Arts and Sciences faculty has authorized this program for a period of three years. The college supervisory committee will report to the faculty on the progress of the program at least once a year. Only those departments that choose to participate in the program will be involved as the primary, record-keeping departments. If a department chooses not to participate in this capacity, students may not construct a program involving that department in that role. All control over course requisites and content will remain at the departmental level.
Interdisciplinary Program

GROUP REQUIREMENTS--Arts & Sciences

(9) Communication
(9) Humanities
(6/7) Biological/Behavioral Sciences
(6/7) Physical Sciences
(6) Mathematics
(9) Social Sciences

(4th Sem. Testout) Foreign Language

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>SpCom 262 Speaking Skills for Radio-TV</td>
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<tr>
<td>268 Intro to Mass Comm. Effects</td>
</tr>
<tr>
<td>368 Mass Media Criticism I</td>
</tr>
<tr>
<td>428 Mass Communication Research</td>
</tr>
<tr>
<td>Jour 100 Intro to Mass Communications</td>
</tr>
<tr>
<td>251 News Writing/Reporting I</td>
</tr>
<tr>
<td>270 Intro to Broadcast Journalism</td>
</tr>
<tr>
<td>494 Mass Communications and Ethical Standards</td>
</tr>
<tr>
<td>Soc 335 Sociology of Mass Communication</td>
</tr>
<tr>
<td>Psych 363 Psychology of Perception</td>
</tr>
<tr>
<td>T.A. 115 Theatre Appreciation</td>
</tr>
<tr>
<td>Educ 433 A.V. Methods and Technology</td>
</tr>
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<td>434 T.V. Use in Education</td>
</tr>
<tr>
<td>Film 327 Pre Sound</td>
</tr>
<tr>
<td>328 Post Sound</td>
</tr>
<tr>
<td>T.V. 115 Historical Introduction</td>
</tr>
<tr>
<td>116 Technical Introduction</td>
</tr>
<tr>
<td>220 Analysis--Production-Techniques</td>
</tr>
</tbody>
</table>

Core Requirements (Subtotal) 54

Additional Arts & Sciences required to meet 96 hours 14 + 1
Any College--Required for 128 minimum to graduate 5 + 1

TOTAL 126 + 13C
**Possible Alternatives for Courses with Relevance to Media Studies**

(22 Credit Hrs)

<table>
<thead>
<tr>
<th>American Studies</th>
<th>351</th>
<th>Popular Arts in America</th>
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<tbody>
<tr>
<td></td>
<td>357</td>
<td>Southwestern Ethnology</td>
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<tr>
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<td>358</td>
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<tr>
<td>Art</td>
<td>405</td>
<td>Computer Graphics</td>
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<tr>
<td></td>
<td>486</td>
<td>Techniques of Photography</td>
</tr>
<tr>
<td>Education</td>
<td>432</td>
<td>Production &amp; Utilization of Instructional Material</td>
</tr>
<tr>
<td></td>
<td>436</td>
<td>SLM Film Production</td>
</tr>
<tr>
<td>Film</td>
<td>327</td>
<td>Presound</td>
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<tr>
<td></td>
<td>328</td>
<td>Sound to Present</td>
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<tr>
<td>Journalism</td>
<td>277</td>
<td>Graphic Design</td>
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<td></td>
<td>375</td>
<td>Advanced Reporting</td>
</tr>
<tr>
<td></td>
<td>401</td>
<td>Advertising</td>
</tr>
<tr>
<td></td>
<td>402</td>
<td>Advertising in Campaigns</td>
</tr>
<tr>
<td></td>
<td>469</td>
<td>Media Management</td>
</tr>
<tr>
<td>Linguistics</td>
<td>459</td>
<td>Lang. &amp; Society</td>
</tr>
<tr>
<td>Psychology</td>
<td>368</td>
<td>Sensation</td>
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<td>373</td>
<td>Cross-Cultural Psychology</td>
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<td>Interpersonal Communication</td>
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<td></td>
<td>240</td>
<td>Communication in Organizations</td>
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<tr>
<td></td>
<td>325</td>
<td>Intercultural Communication</td>
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<td></td>
<td>327</td>
<td>Persuasive Communication</td>
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<td></td>
<td>421</td>
<td>Theories of Communication</td>
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<tr>
<td>Theatre Arts</td>
<td>120</td>
<td>Theatre Foundations I</td>
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<tr>
<td></td>
<td>121</td>
<td>Theatre Foundations II</td>
</tr>
<tr>
<td></td>
<td>267</td>
<td>Acting Skills</td>
</tr>
<tr>
<td></td>
<td>355</td>
<td>Fundamentals of Dramatic Writing</td>
</tr>
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</table>
BFA Curriculum in Theatre Arts

1. Courses outside the major: 30 hours in A&S, including
   a. English 102
      352
      353
   History 101
      102
   (Note: 30 hours of A&S courses are specified in the major.)
   b. Art History 201
      202
   Other Fine Arts
   c. Hours outside major from any college,
      including Fine Arts

       Sub-total 48

2. Courses in the major:

   New T.V. 115 Historical Intro to T.V. 3
   New T.V. 116 Technical Intro to T.V. 3
   T.A. 120 Theatre Foundations 4
   T.V. 220 Foundations of T.V.
       (Analysis Production Technology) 3
   T.V. 221 Foundations of T.V. (Pre/Post Production) 3
   T.V. 323 Technical Workshop (Studio Production) 3
   Film 327 History of Film (Silent Era) 3
   Film 328 History of Film (Sound to Present) 3
   T.V. 351 Electronic Field Production
       Docudrama/Commercials 3
   T.V. 352 Editing -- Multiple formats 3
   T.A. 355 Fundamentals of Dramatic Writing 3
   T.V. 397 Practicum I (Production Lab) 2
   T.V. 398 Practicum II (Production Lab) 2
   T.V. 491 Apprenticeship -- Network Stations 3-6
   Film 390 Elements of Filmmaking 3
   Film 427 Topics in Film History
       Editing Viewpoints 3
   Revised SpCom 262 Speaking Skills for Radio-TV 3
   New SpCom 362 Mass Comm: Marketing/Management 3
   Revised SpCom 368 Mass Media Criticism I 3
   Revised SpCom 428 Mass Communication Research 3
   Revised SpCom 468 Mass Media Criticism II 3
   Jour 251 News Writing & Reporting I 3
   New Jour 270 Intro to Broadcast Journalism 3
   Jour 322 Law of the Press 3

       Sub-total 71

3. Additional courses in any field

       Sub-total 9

Total Credit Hours 128
Departmental Course Offerings in TV/Film

Journalism

This is a list of proposed courses that would be Journalism's responsibility in the new television program. All would carry three credit hours. The courses represent substantial revision of our present offerings, rather than merely the addition of new courses. We have tried to tailor the beginning courses to the needs of Journalism majors as well as students from other departments.

It is contemplated that the first two, along with Journalism 251 (our basic news-writing and reporting course) and J-494 (mass media as a social force--ethics and standards) would become Journalism's portion of a core curriculum.

The courses:

270 INTRODUCTION TO BROADCAST JOURNALISM: A general course with practical work limited to writing practice, it would include:
*Basics of writing for the ear as opposed to print
*Typographical differences/broadcast style.
*Handling of material/structure/"telling a story."
*Basics of writing to film (videotape)/writing to spot sheets.
*Formats of radio news programs, terminologies
*Formats of television news programs, terminologies
*AP/UP! broadcast news wires.

Production Equipment: None required
Instructional Equipment: TV, VTR recording and playback, radio, cassette, possibly typewriters, access to AP/UP! broadcast wires.

271 BROADCAST NEWS REPORTING: Essentially a practical course, it would include:
*Radio reporting, including voicers, actualities, voice-actuality spots, telephone actualities, mini-documentaries, man-in-the-street packages, possibly exta-credit full documentaries.
*Radio production, as required for the above--tape splicing, simple sound mixing, dubbing.
*Television reporting, including all voice-over, interviews, and standuppers, with students covering ordinary news events as well as their own set-up stories.
*Fundamentals of shooting newsfilm (in this case videotape)--framing, angles, camera and lens movement/subject movement/duration of shots/beginning and ending of shots/cutaways/reverses/etc.
*Fundamentals of editing for picture (in this case, videotape).
*Fundamentals of 16 mm newsfilm, including single and double system, A & B rolls, with practice measuring and splicing.

Production Equipment: Cassette tape recorders; audio production room (or rooms) with mixer, microphone, adapter panel, filter, two production-quality reel to reels; color portapack units and joystick editing units (with audio mix capability); 16 mm interlock projector, editing benches, rewinds, synchs, viewers, splicers.
Instructional Equipment: VTR and audio recording and playback, possibly typewriters
340 BROADCAST NEWS PROGRAMS: Essentially a practical course, it would include:

* Radio news programs
* Television news programs, beginning with five-minute "cut-in" type shows and progressing to half-hour "mixed" programs like local 10 p.m. shows (i.e., including sports and weather, edited and re-written newstapes from network and local shows, original portapak news spots.
* Techniques and requirements of television news production--routining, backtiming, pad, roll cues, etc.

Production Equipment: Complete studio (presumably manned by professionals and advanced students from Theatre Arts courses), audio and video recording and editing equipment as in Broadcast News Reporting (above), but excluding 16 mm equipment.
Instructional Equipment: VTR and audio recording and playback, possibly typewriters.

341 TELEVISION NEWS PROGRAMMING: A practical course, more advanced than Broadcast News Programs and, obviously, confined to television, it would include:

* Production and "broadcast" (preferably on cable or Channel 5) of a weekly news program, perhaps restricted to UNM-related news. Students would report, anchor, write and produce.
* Instruction and practice in working the assignment desk (future files, news budgets, telephone contracts, setting up stories), working as feature editor, working as news editor.

Production Equipment: As in Broadcast News Programs but excluding radio and film equipment.
Instructional Equipment: VTR playback and off-air recording equipment, possibly typewriters.

405 PUBLIC AFFAIRS PROGRAMMING: Essentially a practical course, it would involve close scrutiny of local public affairs programming and would include:

* Researching a topic and a personality/preparing the result of that research for the use of another "talent."
* Production of panel and interview programs.
* Introduction of film/videotape to public affairs programs.
* Interviewing techniques.

Production Equipment: As in Broadcast News Programs, but excluding radio equipment.
Instructional Equipment: Off-air recording and playback equipment for television, possibly typewriters.

406 SPECIAL PROGRAMMING: A practical course designed in close cooperation with Theatre Arts, it would include:

* Remotes and live "mini-cam" in regular news programs
* Planning (number of cameras and their locations) and anchoring and reporting on special news events and sports.
* Writing continuity and doing research for such programs.
* Production of special features for such programs.

Production Equipment: Everything we might have.
Instructional Equipment: Off-air recording and playback television equipment, possibly typewriters.
NEWS DOCUMENTARIES: A practical course combined with examination and critique of network and local (if they exist) documentary efforts, it would include:

* Reporting, writing, narrating and editing mixing of a radio documentary.
* Reporting, writing, narrating, shooting and editing of 3-to-5 minute news reports for television.
* Group production of several half-hour television documentaries.

Production Equipment: As in Broadcast News Programs, for both radio and television.

Instructional Equipment: VTR and audio recording and playback, possibly typewriters.

The courses might be numbered as follows and have prerequisites and corequisites as indicated:

- J-270 INTRODUCTION TO BROADCAST JOURNALISM. TA 115-116 as prerequisites and J-251 as prerequisite or corequisite.
- J-271 BROADCAST NEWS REPORTING. J-260 as prerequisite.
- J-340 BROADCAST NEWS PROGRAMS. J-261 as prerequisite.
- J-341 TELEVISION NEWS PROGRAMMING. J-340 as prerequisite.
- J-405 PUBLIC AFFAIRS PROGRAMMING. J-341 as prerequisite or corequisite.
- J-406 SPECIAL PROGRAMMING. J-341 as prerequisite or corequisite.
- J-470 NEWS DOCUMENTARIES. J-341 as prerequisite.

Five of these courses would be required for our majors. They would be 270-71, 340-41, and 470 (the broadcast equivalent of J-475, Advanced Reporting.) Note that 340, 341 and 470 are existing course numbers; the others are new.

Journalism 399, our practicum or internship course, would be open only to Journalism majors and would be the only means of placing UNH students in a broadcast news department for academic credit and professional training.

Speech Communication

262. SPEAKING SKILLS FOR RADIO-TV. (3 hrs.)
This course emphasizes performance skills in the audio component of mass media, as well as the basic production skills necessary to produce those messages. The performance aspect of the course has two primary objectives: a) To teach the student the fundamentals of proper oral interpretation for television and radio performance. b) To teach the fundamentals of the creation of an audio image. This would entail bringing in professionals in the field to explain how their station attempts to create a definitive sound. The production aspects of the course entail learning the production procedures and station operation procedure necessary to actually execute quality audio productions.

Equipment needs: Basic audio production equipment
  TV, VCR, Audio playback and recording facilities
  In-class control of playback facilities mandatory.

Direct Academic Interface: KUNM; KNME; local commercial radio; TV professionals; theatre playwriting classes; Journalism news writing classes.
INTRODUCTION TO MASS COMMUNICATION EFFECTS. (3 hrs.)
The course will focus on a survey of the effects of mass mediated messages on both a societal and a personal level. The structure and impact of all media: electronic, film and print, will be examined. The course will culminate in the construction of a group and a personal media environment. Those environments will then be analyzed for overt and covert value and social message structures.

Equipment needs: TV, VCR, Audio recording off-air and in-class playback facilities. In-class control of playback facilities mandatory.

MASS COMMUNICATION: MARKETING AND MANAGEMENT. (3 hrs.)
The course addresses the business aspects of the mass media. Media production units and outlets will be examined from an organization perspective. The roles of the various management and administrative personnel will be examined. The marketing elements of advertising sales and market analysis will also be examined. Professionals from local media outlets will be utilized as input sources for the class. Managing independent media productions, such as political campaigns, will also be examined.

Equipment needed:

MASS MEDIA CRITICISM I. (3 hrs.)
This course examines the methods and theories that support contemporary media criticism. Processed supplied by contemporary media critics, rhetoricians, literary critics, TV and film critics will be examined. These critical processes will then be applied to contemporary media messages whose overt intention is to entertain. A major objective will be to examine those messages for their less obvious political and social messages.

Equipment needs: TV, VCR, Audio recording and playback facilities. Film playback facilities. In-class control of playback facilities mandatory.

MASS COMMUNICATION RESEARCH. (3 hrs.)
An examination of the basic principles, methods and techniques of conducting empirical, market and audience research in mass communication.

CURRENT DEVELOPMENTS IN MASS MEDIA COMMUNICATION. (3 hrs.)

MASS COMMUNICATION. THE INTERNATIONAL PERSPECTIVE. (3 hrs.)
This would be a course in international broadcasting. The structure and function of broadcasting systems in different countries would be examined. Coverage of events of global importance by different nations would be examined for agenda setting functions, persuasive appeals, and perceptual contrasts. Potentials for direct media contact between the citizens of different countries will be examined, and the various impacts discussed.

Equipment needs: TV, VTR, Radio recording, editing, and playback necessary. Receiving and recording of shortwave and other distance signals would be necessary. Support for an international tape exchange program (Video and Audio).

Director academic interface: Anthropology, Sociology, The North South Center (should it come to be).
468. MASS MEDIA CRITICISM II. (3 hrs.) Prerequisite: 361 or permission of instructor.

Drawing on the critical structures established in Mass Media Criticism I, the general areas of informational and persuasive media messages will be addressed. Specifically, the use of persuasive tactics will be examined in advertising campaigns across different media. In addition, the structure of the news, documentaries, docu-dramas and other informational media messages will be examined. As in Mass Media Criticism I, the less obvious social and political messages contained in the media examples will be of primary concern.

Equipment needs: TV, VCR, Audio recording, editing and playback facilities. In-class control mandatory.

Theatre Arts

TV 115. THE EVOLUTION OF TELEVISION. (3 credits). (A0A SpCom 115, Jour 115). This is a team taught course using the departments of Theatre Arts, Speech Communication, and Journalism. This course explores the evolution of television in the areas of technology, news, ethics, aesthetics, arts and industry. The social impacts of television are explored as is the influence of television on education, society, and the economy.

TV 116. TECHNICAL INTRODUCTION. (3 credits). (Permission of Instructor). This is a pragmatic "hands-on" course introducing the student to the hardware and facilities of television production at a novice level. Theory is introduced only as applicable to increasing the student's procedures. A four hour laboratory provides formal training and application of knowledge acquired in class. Students will be able to operate speakers, microphones, amplifiers, recorders, mixers, portapak, cameras, camera controls and certain other equipment available on campus excluding broadcast quality facilities. Students will tour and view actual broadcast facilities. Students will recognize the function and application of the properties of audio, parameters of audio, tape formats, editing, transmission, properties and parameters of video, mono, color, lenses, registration, convergence, film to video, video to film, basic lighting, telecine, special effects, keying and matting and studio and control room operations and procedures. Includes 3/4 inch cassette editing.

TV 220. FOUNDATIONS OF TELEVISION: AN ANALYSIS OF PRODUCTION TECHNIQUES. (3 credits). The students will review and critique taped television programs from a production viewpoint. The techniques, hardware systems and procedures of hardware production will be analyzed. Various production techniques will be contrasted and compared and program content and emphasis will be explored.

TV 221. FOUNDATIONS OF TELEVISION: PRE AND POST PRODUCTION. (3 credits). The elements involved in the planning and development of a television production will be defined and discussed. All aspects of pre production will be approached from a theoretical as well as a pragmatic viewpoint. Consequences of attention to the areas of conceptualization, financing, budgets, casting, producing, rehearsing, blocking for camera, scenic and costume design, makeup and audience selection will be explored. In post production, the elements of video/audio editing, effects tracks (laughs, applause), distribution and changing technologies will be considered.
Emphasis will be placed on the manipulation of the final product through an understanding of the elements and techniques of post production. In the area of technology, past present and future technologies will be discussed.

TV 323. TECHNICAL WORKSHOP: STUDIO PRODUCTION. (3 credits)
The students will be introduced to the practices and procedures of studio based production. They will be oriented to the production studio as a system rather than an isolated collection of hardware and tasks. Students will move from the theory and understanding of the methods of studio based production by actually performing the multiple tasks involved in production. Students will experience directing live and live-on-tape programs.

TV 351. TECHNICAL WORKSHOP: ELECTRONIC FIELD PRODUCTION (EFP). (3 credits).
The students will be introduced to the practices and procedures of electronic field production through use of ENG cameras and portapaks with which students will shoot entire programs on location. They will work with a mobile unit and learn to broadcast live from the field. They will move from theory and understanding to application. Special areas to be covered include site surveying and planning use of telephone lines, microwave, environmental problems, sound recording, advance planning with authorities such as police departments and civil authorities.

TV 352. EDITING. (3 credits)
The students will be oriented to the technologies of manipulating multiple formats and integrating them into a single product through editing techniques. Both audio and video aspects of editing will be covered. Students will learn to edit on 3/4", 1" and 2" tape through theoretical understanding and practical applications.

TA 355. FUNDAMENTALS OF DRAMATIC WRITING I. (3 credits)
Courses in all forms of dramatic writing based on the sound principles of writing for the stage. Special attention is given to transferring stage properties to other media such as TV and film.

TV 397 and 398. PRACTICUM I AND II
Students will be involved in producing products that have been developed by other departments and agencies. Students will have experience as a crew member. They will refine their skills and deepen their understanding of television production processes.

TV 491. PROFESSIONAL APPRENTICESHIP. (3-6 credits)
During the senior year, students will be placed as apprentices at local broadcast facilities. They will perform on the job the skills and techniques they have learned in their formal training. They will actively and creatively work in a professional broadcast atmosphere.

FILM 390. ELEMENTS OF FILMMAKING. (3 credits)
Basic conceptual and practical aspects of independent filmmaking.

FILM 427. TOPICS IN FILM HISTORY-EDITING VIEW POINTS. (3 credits)
Students will edit original and stock footage in order to explore the areas of montage. (May be taken more than once as topic varies.)
432. PRODUCTION AND UTILIZATION OF INSTRUCTIONAL MATERIALS. (3)
(Also offered as Lib.Sci. 432).
Includes training in the use of media production and display equipment, production of graphic materials, overhead transparencies, slides, 8mm motion pictures, audio recordings, basic principles of black and white photography, and criteria for effective design and use of media materials. Materials fee required. (Summer, Fall, Spring)

433. AUDIOVISUAL METHODS AND TECHNOLOGY. (3) (Instructional Design)
(Also offered as Lib.Sci. 433).
Application of instructional design and development principles to the planning and production of mediated units of instruction. Includes a systematic approach to specifications of content and objectives; assessment of entering behavior; determination of strategy; organization of groups; allocation of time and space requirements; selection of appropriate media resources and evaluation of performance. Students will be required to produce one packaged unit of instruction. Materials fee required. Prerequisite: 432 or permission of instructor. (Summer, Fall, Spring)

434. TV TECHNIQUES AND USE IN EDUCATION. (3)
(Also offered as Library Science 434). Permission of instructor required, recommend 432 as introductory course. Offered once a year.
Includes: research into educational uses of TV equipment; graphic, audio, lighting lab, and editing lab, planning and producing a Storyboard script and producing a video tape program. Materials fee required. (Fall or Spring, Summer on demand).

436. 8MM FILM-PRODUCTION AND USE IN LEARNING ENVIRONMENTS. (3)
(Also offered as Library Science 436). Permission of instructor required, recommend 432 as introductory course. Offered once a year.
Includes: Research on use and value of film in education, social, cultural and experiential variables affecting learning from film. Operation and use of 8mm cameras, editors and projectors; principles of design, scripting and storyboard preparation; lighting, editing and animation labs, production of 2 films. Materials fee required. (Fall or Spring, Summer on demand).

438. STILL PHOTOGRAPHY-TECHNIQUES AND USE IN EDUCATION. (3)
(Also offered as Library Science 438). Permission of instructor required, recommend 432 as introductory course. Offered once a year.
Includes: Research into uses and values in education; research related to effect of culture, social level and experience on the interpretation of photography; operation of 35 mm cameras; processing film; printing and enlarging; lighting; composition; mounting prints; teaching photo to students and inexpensive substitutes for photo equipment. (No prerequisites). Materials fee required. (Fall or Spring, Summer on demand).

391. PROBLEM (Media/Design)

591. PROBLEM (Media/Design).

696. INTERNSHIP. (Media/Design)
### SUMMER LECTURE SERIES

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker(s)</th>
<th>Topic</th>
<th>Time</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>June 14th</td>
<td>MALCOLM SILLARS, Dean of the College of Humanities, University of Utah; Author, Argumentation and the Decision Making Process, and Speech: Content and Communication.</td>
<td>&quot;Using Value Theory in Communication and Advertising&quot;</td>
<td>10:30 - 11:30 a.m.</td>
<td>Roberts Room, Scholes Hall 230</td>
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<td></td>
<td>(An analysis of the use of value theory as developed by Rokeach and Kluckhohn as a way of examining a variety of communication messages in television, speeches, and ads.)</td>
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<td>June 21st</td>
<td>ROBERT ROENTHAL, Professor, Harvard University; Author, Pygmalion in the Classroom.</td>
<td>&quot;Pavlov's Mice, Van Osten's Horse, and Pygmalion in the Classroom Revisited&quot;</td>
<td>11:00 - 12:00 noon</td>
<td>Roberts Room, Scholes Hall 230</td>
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<td>(A look at the processes of unintentional social influence that occur in laboratories, clinics, and classrooms.)</td>
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<td>June 28th</td>
<td>ROBERT J. KIBLER, Professor of Communication, Florida State University; Author, Speech Communication Behavior, Objectives for Instruction and Evaluation.</td>
<td>&quot;Trends in Curriculum and its Management: A Communication Perspective&quot;</td>
<td>11:00 - 12:00 noon</td>
<td>Roberts Room, Scholes Hall 230</td>
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<td></td>
<td>(An examination of the trends and changes in curriculum, the implications for instructional managers, and for the sacred cows of teaching and research in the University community, with a proposal for a new model of administration.)</td>
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<td>July 19th</td>
<td>WILSON BRYAN KEY, Author, Subliminal Seduction, and Media Sexploitation; President of Mediaprobe, Inc.</td>
<td>&quot;Subliminal Dimensions of the Mass Media&quot;</td>
<td>2:00 - 3:00 p.m.</td>
<td>Roberts Room, Scholes Hall 230</td>
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<tr>
<td></td>
<td>(A look at how consumers of mass media are massaged and manipulated without their conscious awareness.)</td>
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For Further Information, Please Contact:
Department of Speech Communication
1801 Roma, N.E., University of New Mexico
(505) 277-5305
FORENSICS AT THE UNIVERSITY OF NEW MEXICO

THIRD ANNUAL REPORT

1978-1979

Submitted by:

Dr. Dan DeStephen, Director of Forensics
INTRODUCTION

The forensic program at the University of New Mexico continued to grow in the 1978-79 academic year in both quantity and quality. The university attended more tournaments than in the previous year; had more active forensic students than in the previous year; hosted more high school activities than in the previous year; and, qualified more students for the national championship tournament than in the previous year.

PARTICIPATION

Over 50 students participated in some capacity in forensics this year at the University of New Mexico. Participation in forensics entails either an involvement in the university's competitive program or the university's high school judging program. The former travel and compete at various colleges and universities against other students; the latter function as judges for local high school tournaments.

COMPETITIVE FORENSICS

UNM students this year competed against other students at 21 different tournaments in both debate and individual events. This compares with 16 tournaments in 1976-77 and 18 tournaments in 1977-78. In addition, the numbers of students from UNM traveling to tournaments have increased over the three years from 12 in 1976-77 to 25 in 1978-79. The tournaments UNM attended this year are:
- The University of Utah Fall Scrimmage
- The Top of the Rockies Invitational (Univ. of Wyoming)
- The University of Northern Colorado Invitational
- The Texas Tech Invitational
- The George R.R. Pflaum Debate Tournament (Emporia St. Univ.)
- The Pike's Peak Invitational (The Colorado College)
- The University of New Mexico Invitational
- The Sun Devil Invitational (Arizona State Univ.)
- The Wichita State Invitational
- The Eastern New Mexico Invitational
- The United States Air Force Invitational
- The University of Southern California Invitational
- The Sun Carnival Invitational (El Paso Community College)
- The University of Texas, El Paso Invitational
- The Great Salt Lake (Univ. of Utah)
- The Cactus Classic (Central Arizona)
- The University of Southern Colorado Invitational
- The Great Desert (Univ. of Arizona)
- District Nine National Individual Event Qualifier
- District Nine National Debate Qualifier
- The National Individual Events Tournament (Iowa State)

NONCOMPETITIVE FORENSICS

Noncompetitive forensics entails the high school and community activities of the forensic program. Community activities this year included the providing of critics for various Toastmasters, Toastmistresses, and Optimist organizations and demonstrations and programs for these groups and the City of Albuquerque.

The high school activities are very important for the program and the university. It serves to make high school students and teachers aware of the university and brings students to the university to attend various events on campus. The UNM forensic program focuses on four related areas. First, we supply judges for the various high school speech contests. This year we sent judges to over 15 different such contests. Second, we supply coaching assistance to various high school programs. U NM students this year were involved in coaching at 5 different high schools within the city. Third, we sponsor workshops
for high school students and coaches. This year we sponsored a Summer Debate Institute for high school students and a Fall workshop for high school coaches and judges. Fourth, we host high school speech contests on campus. This year we hosted an invitational high school tournament in the Fall, the state qualifying debate tournament, and the regional National Forensic League qualifying tournament. Together, they brought over 400 high school students and coaches to our campus.

**AWARDS**

One measure of the quality of a forensic program is the success of the students in competition with other students from different schools. The following is a list of awards won by the University of New Mexico forensic squad this year:

**1st Place Awards**
- 1st place, Extemporaneous Speaking, Arizona State University
- 1st place, Oratory, Univ. of Texas, El Paso
- 1st place, After Dinner Speaking, Central Arizona
- 1st place, Communication Analysis, Southern Colorado
- 1st place, After Dinner Speaking, N.I.E.T. Qualifier
- 1st place, Communication Analysis, N.I.E.T. Qualifier

**2nd Place Awards**
- 2nd place, Extemporaneous Speaking, Arizona State University
- 2nd place, After Dinner Speaking, El Paso Community College
- 2nd place, Debate, El Paso Community College
- 2nd place, Impromptu Oral Interpt., El Paso Community College
- 2nd place, Oratory, Univ. of Texas, El Paso
- 2nd place, After Dinner Speaking, Univ. of Utah
- 2nd place, Impromptu Speaking, Central Arizona
- 2nd place, Pantathelon, Central Arizona
- 2nd place, Extemporaneous Speaking, N.I.E.T. Qualifier
- 2nd place, Communication Analysis, N.I.E.T. Qualifier

3rd Place Awards
- 3rd, Extemporaneous Speaking, Arizona State
- 3rd, Debate, Eastern New Mexico
- 3rd, Oratory, Univ. of Southern California
- 3rd, Dramatic Duo, Univ. of Texas, El Paso
- 3rd, Oratory, Univ. of Texas, El Paso
- 3rd, Communication Analysis, Univ. of Southern Colorado
- 3rd, Extemporaneous Speaking, Univ. of Southern Colorado

4th Place Awards
- 4th, Debate, Texas Tech
- 4th, Oratory, Texas Tech
- 4th, Debate, The Colorado College
- 4th, Debate, Arizona State University
- 4th, Expository, Arizona State University
- 4th, Debate, Eastern New Mexico
- 4th, Extemporaneous Speaking, Univ. of Southern California
- 4th, Expository, Univ. of Southern California
4th, Oratory, El Paso Community College
4th, Impromptu Oral Interp, El Paso Community College
4th, Oral Interp, El Paso Community College
4th, Prose, El Paso Community College
4th, Expository, Univ. of Utah
4th, Oratory, Central Arizona
4th, Extemporaneous Speaking, Central Arizona
4th, Expository, Univ. of Arizona
4th, Oratory, Univ. of Arizona
4th, Debate, Univ. of Arizona
4th, Extemporaneous Speaking, N.I.E.T. Qualifier
4th, Oratory, N.I.E.T. Qualifier
4th, Dramatic Duo, N.I.E.T. Qualifier
4th, Communication Analysis, N.I.E.T. Qualifier

5th Place Awards
5th, Debate, Univ. of Utah
5th, Debate, Northern Colorado
5th, Expository, The Colorado College
5th, Debate, United State Air Force Academy
5th, Debate, Univ. of Southern California
5th, Oratory, Univ. of Utah
5th, Expository, Univ. of Utah
5th, Extemporaneous Speaking, Univ. of Southern Colorado
5th, Oratory, Univ. of Southern Colorado
5th, Dramatic Duo, Univ. of Southern Colorado
-5th, Dramatic Interp, Univ. of Arizona
-5th, Prose, Univ. of Arizona
-5th, Oratory, Univ. of Arizona
-5th, Debate, Univ. of Arizona
-5th, Prose, N.I.E.T. Qualifier
-5th, Poetry, N.I.E.T. Qualifier
-5th, Dramatic Interp, N.I.E.T. Qualifier

Sweepstakes Awards
-2nd, University of Texas, El Paso
-2nd, Central Arizona
-2nd, Sun Carnival Swing (EPCC and UTEP Combined)
-4th, University of Southern Colorado
-4th, N.I.E.T. Qualifier
-5th, El Paso Community College
-5th, University of Arizona

Special Awards
-3rd place, Individual Sweepstakes, N.I.E.T. Qualifier
-9th place, Individual Sweepstakes, N.I.E.T. Qualifier
-10th place, Individual Sweepstakes, N.I.E.T. Qualifier
-6th place in the nation, Communication Analysis
-7th place in the nation, Communication Analysis
-13th place in the nation, After Dinner Speaking

Of particular satisfaction are the awards in the last two categories. Sweepstakes awards represent the contribution of the total squad at tournaments. The 4th place sweepstakes award at the
National Individual Events Qualifier is especially noteworthy. Since this tournament decided which individuals would represent the Intermountain West (Wyoming, Colorado, Utah, New Mexico, and Arizona) at the national tournament, the best from each school were present. The fact that UNM placed fourth as a school and had three of the top ten speakers (see special awards) demonstrates that UNM has a very strong forensic program. Further evidence is provided by the fact that UNM did the best of any Intermountain West school at the national tournament.

CONCLUSION

Since this is the last such report I will be giving as the Director of Forensics at UNM, I feel some observations about Forensics at UNM are warranted. First, like most things, a forensic program is either improving or decaying. This is no such thing as a steady state. I am proud to say that in the past three years the situation has been one of constant improvement in the program. Even one year of neglect, however, can undo much of the improvement and start a cycle of decay. Second, forensics is not a "frill" for a university. It promotes excellence in reasoning, research and communication far more than any comparable class. It exposes our students to students from other universities all across the United States. It attracts high school students to the university.

As a major university, the University of New Mexico should promote forensic activities.


ATTACHMENT E

WORKSHEET FOR SALARY MERIT

Salary Components: Teaching 45%
Research 45%
Service 10%

For each criterion, include information for the following semesters:

Spring 1977, Fall 1977, Spring 1978, Fall 1978 (Summers, if applicable)

TEACHING

1. Student evaluation forms (list class, and overall evaluation score)
2. Undergraduate Problems (list students)
3. Undergraduate Intern (list students)
4. Direction of Graduate Student Research
   551-552 (if independent research project); list students
   599 thesis (list students)
5. Other (explain)

RESEARCH

1. Publications in refereed journals (all but state journals) 10 points
2. Published book reviews: 1 point (to a maximum of 5 per year)
3. Short notes: 2 points each
4. Textbooks (Undergraduate): 10 points (1st year)
5. Readers: 5 points (1st year)
6. Advanced Texts: 20 pts (Monographs aimed at graduate level audience)
7. Chapters in an undergraduate text: 5 points
8. Chapters in an advanced text: 10 points
9. Reprints of articles elsewhere: 2 points (to a maximum of 10 points)
10. Conference Presentations: 1 point each (to a maximum of 5 points)
11. Funded Research: Proposal: 5 points
    If approved: 1 point per month of funding
Research proposals having joint Principal Investigators will have the 5 points split between the two P.I.'s. If in the distribution of these 5 points, the P.I.'s agree that one of them did the major writing of the proposal and contributed the major ideas, these 5 points may be split 4 to 1 or 3 to 2, etc.
    Should the proposal with two P.I.'s be very extensive in size and should both P.I.'s contribute equally to the writing of this proposal, it will be possible to assess 5 points for each P.I.
12. UNH funding agencies (e.g., Research Allocations Committee): 1 point
13. Other (explain): (Over) --
SERVICE

1. College & University Committees: 10 pts (Chair) and 5 pts (active member) per committee per year

2. Service in professional organizations: variable to a maximum of 10 pts per year

3. Nonprofit workshops in community: 2 pts (to a maximum of 10 pts per year)

4. Talks about on-going research other than in own class (1 pt to a maximum of 5)

5. Publications in "popular" magazines and newspapers: (2 pts to a maximum of 10 per year)

6. Other (explain)
A. Significant Developments

1. The following number of degrees were awarded during the report period:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Number</th>
</tr>
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<tbody>
<tr>
<td>B.A.</td>
<td>6</td>
</tr>
<tr>
<td>M.A.</td>
<td>5</td>
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</table>

2. Enrollment during the report period reached the number of 20 graduates, including those enrolled for the dual MA/MBA program, 22 declared undergraduate majors, 6 undergraduate minors, and 8 B.U.S. students emphasizing Latin American work.

3. The major development was the establishment of a new structure for the University's Latin American programs under the rubric "Latin American Institute." A great deal of effort went into the setting up of the Institute's structure and the initiation or extension of various programs now brought under the Institute umbrella. Dr. Needler served on the Task Force that drew up the proposal for an Institute, and is now a member of the Institute's Policy Committee and Budget Committee, and of the Search Committee for the Institute's permanent director. Dr. Remmer is an alternate member of the Policy Committee and
was heavily involved in preparation of the Institute grant application to HEW. That application has apparently been successful and will make possible the initiation of several new programs.

4. The new interdisciplinary introduction to Latin American studies course, Latin American Studies 150, has been approved for offer during the second semester of 1979-80, and will partly be supported by federal funds. It is hoped that this course will help to promote student interest in Latin America and serve as a foundation for future work in Latin American Studies.

5. A new joint degree, the M.A. in Latin American Studies/M.A. in Public Administration was designed and approved by both participating departments and is now in process of securing approval by the relevant university committees.

6. An attempt was made to secure guaranteed internships for M.A. candidates with federal government agencies; some half-promises were secured.

7. Several grant proposals were prepared and submitted to AID, NSF, and State Department External Research, with generally disappointing results.
8. David McCullough, author of *The Path Between the Seas*, was appointed Visiting Scholar in the Division for calendar 1979.

9. The Division furnished logistical support, such as typing service, for five faculty members, and research assistance for eleven.

10. Assistance in organizing an extension course under Latin American Studies aegis, to be offered in Cochabamba, Bolivia, was given.

11. The Reginald Fisher award for the senior graduating with the best academic record went to Ms. Bridget Caird and the Miguel Jorrín award for the graduate student with the best first-semester record in graduate school to Hume Rogers.

B. Future Plans and Prospects

1. There will be a continuous reallocation of functions within the organizational structure of the Latin American Institute. During the report period, the Institute took over the function of preparing a listing of courses of Latin American content being offered. The Division will assume a portion of the responsibility for new relationships being worked out with the Latin American
2. It is anticipated that the Division will become further involved with sponsored research.

3. After the joint degree program with Public Administration is functioning, the experience of that program and of the joint degrees with the Anderson School of Management will be drawn on for lessons that can be used in devising joint degree programs with the School of Education. Such programs respond to a preference on the part of students for academic work more closely related to career opportunities.

4. A decision will need to be made soon as to the continuance of the UNM Andean Center in Quito, which many of our students attend and benefit from. Dr. Needler has been active in attempting to solve the Center's funding problem.

C. Staff Changes

1. Rocio Brimhall resigned as Department Secretary effective September 29th, being replaced temporarily by Jeanne Colahan from October 2 to 23, and Kate Grenier from October 25 to November 14, and permanently by Martha Radford, beginning on
November 15th.

2. Michael Conniff of the Department of History served as Acting Director of the Division for summer, 1978, and Michele Zebich of the Political Science Department served as Acting Director for the summer session of 1979.

D. Professional Activities

The professional activities of the director and assistant director, Drs. Needler and Remmer, have been reported through the Department of Political Science.
A. Significant Developments during the Academic Year 1978-79.

1. The year 1978-79 was one of major changes in U.N.M.'s Latin American activities. These changes involve nomenclatures, structures, functions and funding status, and came about through the implementation of findings by the Latin American Task Force appointed by President Davis in 1976 (See the "Plans and Recommendations" Section of 1977-78 Annual Report for particulars). Though approved earlier in principle, necessary funding adjustments were completed in November of 1978, at which time the Latin American Institute was organized with a view toward closer consolidation of all the University's Latin American concerns, whether in the fields of teaching, research, public service or technical assistance. There was created simultaneously a Latin American Concilium consisting of all faculty and staff directly engaged in Latin American teaching and research. Thus constituted, the Concilium serves both as a forum for intellectual dialogue and as a constituency in matters requiring representation.

At the time of reorganization, the Latin American Center, whose existence dated from the first year of federal funding (1965), was subsumed under the new Institute structure and became the administrative support services component of the Latin American Institute for all operational matters.
Pending the appointment of a permanent Executive Director for which a search committee has been constituted, Dr. Marshall R. Nason, for ten years director of the Latin American Center, was asked to serve in interim capacity as Acting Executive Director. The closing date for applications is August 15, 1979, and it is hoped that an appointment can be made by June of 1980.

In terms of the organization chart it is important to note that while the previous Center was domiciled in the College of Arts and Sciences — something of an anomaly since its related to other colleges as well — the new Institute answers directly to the Provost in all matters including fiscal structure. This will be seen to be in keeping with the constitution and functions of the Institute's policy making processes.

Organizationally the Institute consists of three major divisions (See Appendix "A": Organization Chart): The Division of Academic Programs and Research, The Division of Contracts and Technical Assistance, and the Division of Administrative Support Services. These relate through the Policy Committee and the Executive Director, to the Provost.

In accordance with the Task Force Recommendation the Executive Director of the Institute was to be guided by a Policy Committee composed of the Provost, the Executive Director, the President of the Latin American Concilium, the directors of major Latin American teaching and technical assistance programs (Latin American Studies, Ibero-American Studies and Latin American Programs in Education), the Chairpersons of the Dean's advisory Committees from Arts and Sciences, Education, the Anderson School of Management, Engineering,
Fine Arts, Law, Medicine, i.e., those colleges concerned in some dimension with Latin America. In addition, 2 representatives were to be elected from the Latin American Concilium. By action of the Policy Committee itself at its meeting of May 18th, 1979, it was determined that the Dean of Libraries and the Director of International Programs and Services should also serve in ex-officio capacity.

During its first working sessions the Policy Committee proceeded on the assumption that it was to provide further structural organization in the form of subcommittees required for effective function. Those created were as follows:

- The Budget Subcommittee
- The Library Subcommittee
- The Publications Subcommittee
- The Building and Space Subcommittee

At its meeting of May 18, 1979, the Policy Committee established a Subcommittee on Academic Programs to act in an advisory, evaluative and planning role vis-a-vis multidisciplinary, interdepartmental and inter-institutional courses, seminars and programs of study. (See Appendix "B" for committee composition). Since these committees and subcommittees have been operative only since November (and in some cases later) it was voted to continue their membership until December 1, 1979.

The Administrative Support Services staff consists of Marshall R. Nason, Acting Executive Director, Theo R. Crevenna, Associate Director (part-time), Garth Hansen, Administrative Assistant, Martha Fellig (on leave) and Noira Gerety de Hernández, bilingual secretaries, and work study/student employees.
As might be inferred from the structures described, provision was made for a whole series of faculty and administrative inputs into the policy formulation process: (1) from the Concilium through its president and members elected to the Policy Committee, (2) from each of the seven colleges and/or professional schools through their advisory committee members and participation of their chairmen on the Policy Committee (3) from academic program directors, and (4) from the Provost and other administrative officers. Under the new Institute structure, collaboration from entities outside the College of Arts and Sciences has shown a marked increase, notably from the Anderson School of Management, Fine Arts, Education and Medicine.

2. On inauguration of the Institute the Provost made it clear that continued existence depended upon the Institute's capacity to generate income, and though budgetary details are not an apt subject for this report, overall levels of funding and activities germane thereto can scarcely be omitted. In any case, these are inextricably related to "significant plans".

Initially it was decided that an attempt should be made to recover federal funding which was lost in 1977 due to circumstances so suspect that, as a result of U.N.M.'s protest, federal guidelines for screening of proposals have now been altered to prevent conflict of interest. The task was arduous, particularly in view of late issuance of guidelines and because unlike many of our competitors already on the pipeline who merely had to update their proposals, we were forced to start from "ground zero". A further complication was the apparent value of a consortium arrangement as a likely key to success, a fact which meant rapid and intensive negotiations by
a U.N.M. team at Las Cruces and a return visitation from N.M.S.U.

After six weeks of unrelenting effort and extraordinary amounts of overtime, we submitted a grant proposal, with an asking figure of $125,000 per year for a two year cycle, plus fellowship monies totalling $47,196 for the same period.

Since U.N.M. did not receive the rejection notice sent out to unsuccessful bidders at the end of April and since U.S.O.E. has strongly intimated to us that we are slated for a final budget negotiation session in June of July, it must be assumed that the proposal was approved and that planning posited therein will become wholly or partially operative at the beginning of the federal fiscal year.

The most innovative dimension of that plan is, of course, the mechanism for cooperation with N.M.S.U. The inter-institutional consortium, which thus far had only cooperated in the conduct of the Andean Center, will now provide for faculty and student exchanges, and most particularly for jointly conducted multidisciplinary courses and seminars, as well as for semi-annual symposia on U.S. - Mexican problems to alternate between Albuquerque and Las Cruces. Didactic materials of all sorts will also be shared wherever feasible. The relationship will be presided over by the Executive Director of the U.N.M. Latin American Institute and by an Associate Director appointed by N.M.S.U. A six-man committee, three from each institution, will act in an advisory role for program implementation.

Under this program, two Title VI NDPL fellowship grants are also being made available to N.M.S.U.
Quite apart from inter-institutional activities, contract compliance calls for: (9) support of a native informant in Brazilian Portuguese instruction; (2) the institution of special intensive Spanish instruction for faculty and staff new to Latin American area concerns, (3) the initiation of a freshman-level multidisciplinary introduction to Latin American Studies to be team-taught by representatives of the several disciplines involved; (4) establishment of a part-time visiting professor arrangement between the Anderson School and the Institute Tecnológico de Monterrey; (5) the organization of a school and community outreach program aimed at increasing public awareness of Hemispheric concerns; (6) the support of library acquisitions in the Latin American field, with particular relevance to retroactive and other specialized purchases; (7) the procurement through rental and purchase of appropriate instructional materials; including films and other visuals; (8) the organization of an extra-curricular series for enrichment of the student experience, including lectures, symposia and conferences as well as occasional programs in the performing arts; (9) the support, total or partial of travel, both faculty and administrative, and in some cases, foreign as well as domestic; and (10) the provision of and evaluation system relying to a great extent on outside consultants.

Non-federal funds will in some cases be employed for certain of the purposes set forth above, but in addition will be committed to (1) publication of a Latin American series of monographs and/or occasional papers; (2) faculty travel to professional meetings; and (3) intensive attention to the development of grant proposals for which purpose limited seed money and travel provisions have been made.
Still at the planning stage are space requirements for the Institute, which currently lacks adequate administrative quarters, centralization of its operational components, conference space, and a location characterized by accessibility to the public and visibility. The Building and Space Subcommittee is providing specifications in the hope of early accommodation.

3. The Latin American Institute plans to submit to the Latin American Studies Association a bid for editing and publishing at U.N.M. the principal journal in the field, namely the *Latin American Research Review* currently domiciled at the University of North Carolina. In so doing, the editorship will automatically transfer to U.N.M with consequent accrual of prestige and nationwide recognition of institutional commitment.

In 1980 the Institute will host the meeting of the Rocky Mountain Council for Latin American Studies, an organization founded at U.N.M. in 1954. Professors Gilbert Merkx of Sociology and Karen Remmer of Political Science have been named co-chairmen for the event. Actual meetings, as currently contemplated, will be held in Santa Fe, in April or May of 1980.

The Latin American Institute in conjunction with the Latin American Center of the University of Arizona will undertake the production of eight 30 minute programs for public Television on the plight of the undocumented worker. Funding for a previous workshop, held at the Lawrence Ranch in August of 1978, was provided by the Community Services Administration of Washington. A planning grant for the TV project, involving specialists from the U.S. and Mexico was held at Ciudad Juárez on December 1st of the
same year under the auspices of the New Mexico Humanities Council. That same entity approved a cost-sharing contract in the amount of $48,000 for the final production. It is contemplated that N.E.H., Washington, which has evinced interest in the success of the venture, may provide additional funding for expertise in direction and production.

Plans are maturing at this writing for a National Conference on Jobs for Hispanic Americans to be held on the U.N.M. Campus July 30 - August 2, 1979 under the joint sponsorship of the Latin American Institute and the Labor Council for Latin American Advancement of Washington, D.C. The program will bring to Albuquerque a number of distinguished speakers including the Director of the Immigration and Naturalization Service, Department of Justice; the Assistant Secretary of Labor; the Director of the Community Services Administration and leading labor executives.

The Institute is currently providing modest salary support for a museum curator currently engaged in preliminary field research for an exhibition of Ceremonial Folk Art of Michoacán to be shown by the Maxwell Museum of Anthropology and made available to outlying communities in travelling segments. The Institute was instrumental in securing an N.E.H. planning grant for the museum staff and will assist Museum in its outreach efforts.

4. A full program of lectures and other enrichment programs will be made available to students and faculty for academic year 1979-80. A listing of 1978-79 programs follows:
Research Seminar on the Problem of the Undocumented Worker, August 9, 10, and 11, 1978.

Session I: Orientation; Review of Literature and Theory.

Session II: Methodological Approaches and Issues

Session III: Substantive Impacts
Vernon Briggs, Department of Economics, Cornell University: "The Labor Market Impact of the Undocumented Worker."
David Hamilton, Department of Economics, UNM: "The Macroeconomics Aspects of the Undocumented Worker."
Manuel Villapando, San Diego County Human Resources Agency: "Facts and Myths about the Undocumented Alien."
Pedro R. David, Department of Sociology, UNM: "Contraband at the Border: Perspectives and Recommendations."

Session IV: Policy Issues and Solutions
Marta Cehelsky, Public Policy Consultant, Houston: "Immigration: Framework for Policy Development."
Otis Graham, Center for the Study of Democratic Institutions, UCSB: "The Argument for Controlled Borders: Moving Right Through Center to Left."
Arturo Gandara, The Rand Corporation, "Human Rights and the Undocumented Worker."
Francisco Alba, Colegio de México: "The Movement of Mexican Laborers to the U.S.: Elements for a Diagnosis."

Other participants/discussants: Juan Barona Lobato, Consul General de México in Albuquerque; Miguel Lucero Palma, Director de Servicios Sociales, Univ. Autónoma de Juárez; Richard J. Griego, Math Dept., UNM; Jan Black, Political Science, UNM; Theo Crevenna, Organization of American States; Marshall R. Nason, Director, Latin American Center, UNM.
Lectures


Henry Rayment, Director of Cultural Affairs, Organization of American States. Talk to the LAI Faculty Concilium and individual consultations with Latin American Faculty. February 20, 1979.

Dr. Ramón de Zubiría, President of the Academic Planning Council of the Universidad de Los Andes, Bogotá, Colombia: "Nuevas perspectivas para la enseñanza universitaria." February 26, 1979.

Dr. Juan M. Lope Blanch, Professor of Hispanic Philology, Universidad Nacional Autónoma de México, Mexico City: "El verdadero Español de América." March 6, 1979.


Nelson Valdés Discussion of
Marshall R. Nason Contemporary Cuba.

Panel presentation to the Latin American Concilium, April 3, 1979

E. Lieuwen: "History of Latin American Programs at UNM"
M. Nason: "Current Programs at UNM"
G. Merkx: "Analysis of New Programs and Services"
K. Remmer: "Analysis of Research Interests"

UNM - NMSU Latin American Workshop, April 27–28, 1979

Session I:

Professor Louis Sadler, NMSU: "The Border Institute"
Dr. Clark Colahan, UNM: "The Border States Consortium"

Round Table Discussion:
1) Prospects for Collaborative Border Research.
2) Prospects for Research in Other Aspects of Mexican - U.S. Relations.

Session II:

Dr. Gilbert Merkx, UNM: "Current Issues in Mexican - U.S. Undocumented Immigration."

Session III: Planning

1) First Inter-Institutional Conference on U.S. - Mexican Relations (topics, format, speakers, etc.)
2) Other Dimensions of Inter-Institutional Development

Session IV:

Professor Peter Lupsha, UNM: "Drug Trafficking and Border Crime: Its Impact on North - South Relations."

Inter-Institutional Collaboration

a) Multidisciplinary undergraduate courses(s)
b) Graduate seminars
c) Special technology (films, TV transmissions, etc.)
d) Faculty and student exchanges

Teatro Librerarte: Two Latin American musical and performing arts programs in connection with UNM Fiesta, April 27-28.

5. ACTION-Peace Corps Liaison. One of the most recent components under the Latin American Institute complex is the Peace Corps Liaison Office which, in a sense, continues the University of New Mexico's long association with that agency. Mr. André Dumont has replaced Mr. Harvey Buchalter as the liaison officer in March of 1979. The office occupies space adjacent to the Latin American Institute in Ortega Hall and has proven to be one of the most successful such agencies in the ACTION-Peace Corps network, in consequence of which its contract has again been renewed. The budget for the first year of operation was on the order of $3,100; given the achievement of the local liaison officers, this has now been increased to approximately $9,000 for the 12 month period. Characteristically the duties have been carried out on a half-time basis by a graduate student who is a former Peace Corps volunteer.

6. Andean Study and Research Center, Quito, Ecuador. The Andean Center, which will enter its twelfth consecutive year of operation in the 79-80 academic session, is under close scrutiny because of increasing concern over cost factors. The basic problem lies with the BEF formula which does not admit academic credits.
earned in Quito for purposes of state funding. Thus the opera-
tion of the Center constitutes a substantial loss of income before any operational monies are spent overseas. Efforts to alleviate this situation through inter-institutional arrangement both with institutions outside the state of New Mexico and through an intra-state consortium have thus far not produced the desired revenues, though additional arrangements of that sort, notably with Tulane University, are still under consideration. Given the financial strictures under which the University is currently forced to operate, however, it has been determined that a total reassessment of the program to be carried out during the forthcoming fiscal year will determine whether the project should be terminated or continued and if so, under what circumstances. In the meantime the Institute has been instructed to study alternative situations of a less costly nature, especially the kind of regimen which might enroll students in a reputable and stable Latin American University, as opposed to the existing system which signifies operation independent of any University with consequent investment in rental of facilities, the services of both administrative and custodial staff and the hiring of a separate faculty.

At this writing the two principal partners in the New Mexico consortium, UNM and NMSU, are investigating the possibility of collaboration with the University of Kansas in its Costa Rican Study program. Dr. Thomas M. Gale, Dean of Arts and Sciences, NMSU and Dr. Marshall R. Nason, Acting Executive Director of the Institute will visit the University of Kansas in early July and subsequently travel to Costa Rica to discuss the prospects with
officials of that University. It is hoped that some kind of reciprocity may be established under which the New Mexico institutions may give assistance in the field of appropriate technology and perhaps grant tuition waivers for Costa Rican students in order to provide the host institution a measure of equity in the arrangement.

The instructional program of the Andean Center remains virtually unchanged. Teaching services are carried out largely by host-country specialists or by North American scholars who happen to be in short-term residence in Ecuador. Dr. Nick Dean Nills, Jr., who continues as Resident Director of the Center also contributes to the instructional program. His administration has been characterized by attention to scholastic standards and careful organization of the academic program. Enrollment at the Center continues to reflect a national trend in overseas programs, namely a decline from the peak period in 1971-72 for reasons which are not entirely clear but which probably reflect diminished student concern for international problems now that the U.S. is free of involvement in major international conflicts.

7. General Support Services. The Latin American Institute will continue to support interdisciplinary and multidisciplinary teaching enterprises such as the cross-listed course "Latin American through Film" (Latin American Studies, Sociology, Political Science 250) through the funding of film purchases and film rentals essential to the conduct of the course. To the extent possible the Institute will also provide seed money for implementation of new inter-college degrees as was the case with the MBA/MA organized
by the Anderson School and the Division of Inter-American Affairs. As stated elsewhere, federal funding will support the organization and conduct of a new multidisciplinary inter-institutional course entitled "Introduction to Latin America", both at UNM and NMSU.

Other somewhat routine services performed by the Institute and previously accomplished by the Latin American Center have included: (1) preparation of project proposals such as the Title VI PDFL Fellowship requests and bids for Center funding, (2) preparation of technical reports giving evidence of University compliance with such grants, (3) preparation of surveys and status reports for various domestic, foreign and international agencies and organizations, (4) retrieval, accumulation and analysis of data relevant to Latin American Studies at the University of New Mexico, (5) fiscal backstopping of the Andean Center, as well as logistical support and preparation of student contingents. The Center has also functioned as the central communications link between the federal government, foundations and private voluntary agencies and Latin American specialists on the University faculty in transmitting advices regarding fellowship and research perspectives, impending events of inter-American character, etc., while also maintaining the local communications network. In short it has continued to serve as a clearing house for virtually all of the Latin American programs on campus and with off-campus entities making inquiries about such programs.

To the extent possible the Institute will also serve as a general contracting agency for Latin American activities and for special projects as the latter may arise. Such is the case of the
relationship with the Community Services Administration and with the New Mexico Humanities Council vis a vis workshop and TV programs related to the question of the undocumented worker.

8. Ibero-American Studies Doctoral Program. This program continues to be domiciled in the Institute which handles all student inquiries, processes applications and performs all other administrative support services, including student advisement, scheduling of courses, administration of doctoral comprehensives, and so forth. The Acting Executive Director of the Institute continues to serve as the director of the Ibero-American Studies doctoral program.

9. Staffing Procedures. Where recruitment involves interdisciplinary assignment of functions germane to the Institute itself, the Institute may exercise a role in the hiring process. During the fiscal year just concluded a search was conducted for a Latin Americanist with expertise in cross-disciplinary team research and success in grantsmanship. This effort has been discontinued in favor of appointing a permanent executive director for the Institute, hence the previous advertisement was withdrawn and the new one announces a search for a permanent executive director for the Institute who, it is assumed, will also possess some of those qualifications. The current search committee is presided over by Professor Gilbert Merkx.

B. Appointments to staff

1. Mr. Theo R. Crevenna was appointed Associate Director (temporary part-time) as of the beginning of the calendar year, 1979
to serve in .50 FTE capacity. Pressure of duties required that his status be increased to .75 FTE on February 23, 1979.

Mr. Crevenna, a sociologist with an M.A. in Latin American Studies, is an early retiree from the Organization of American States, Washington, with which inter-American agency he served for more than 30 years in various high level administrative positions involving social developments, technical assistance, education and training, international conferences, etc. Beginning with fiscal year 1979-80, Mr. Crevenna's position will be changed to permanent part-time.

2. Miss Meredith Dunham Dodge, a doctoral candidate in Ibero-American Studies was appointed on an "occasional" .75 FTE basis as a temporary replacement (February 1 - April 30) for Garth M. Hansen who took temporary leave without pay to devote time to a Ph.D. dissertation.

3. Miss Marilee Schmit was appointed bilingual department secretary .50 FTE to serve from January 15, 1979 to May 6, 1979 replacing a portion of time relinquished for purposes of study by the regular department secretary, Miss Martha Fellig.

4. On May 9, 1979 Mrs. Moira Hernández was hired (first as "occasional" and subsequently as "permanent") bilingual department secretary replacing Miss Schmit and Miss Fellig, the latter having requested 3 months leave.

5. Effective April 27, 1979 Mr. Garth M. Hansen returned to duty as Administrative Assistant following a 3 months leave of absence.
C. Separations from Staff

1. Effective April 27, 1979, Miss Meredith Dodge terminated her occasional service to return to graduate study.

2. Effective June 4th, 1979, Miss Marta Fellig went on leave without pay for a period of 3 months extending until August 13.

3. Effective May 6, 1979, Miss Marilee Schmit resigned from her part-time occasional duties as departmental secretary to resume study.

D. Publications

Since the Institute does not have a separate teaching staff, all of the publications by persons associated with it will appear in the Annual Reports of their respective departments. To the best of our knowledge, the only unreported item germane to an Institute activity is: Marshall R. Nason "En la Mitad del Mundo" slated to appear in the forthcoming issue of the Revista de Estudios Hispánicos. The article consists of the text of a paper delivered at a Madrid Symposium of the American Association of Teachers of Spanish and Portuguese in June of 1978 in which the central focus was the conduct of study programs abroad.

E. Outside Professional Activities of Staff Members.

Reportage will be limited to Institute staff per se though some faculty travel (presumably covered in departmental reports) was covered by Institute funding. Staff travel was
as follows:

1. Theo Crevenna, Associate Director, to Washington D.C. to read HEW proposals, consult with LCLAA on impending Albuquerque meetings and explore project prospects with the Organization of American States.


3. Theo R. Crevenna, to Pittsburgh and Washington to attend LASA meetings, and continue contacts with OAS, LCLAA, the World Bank and the Inter-American Development Bank.

4. Theo Crevenna, to Washington, D.C. to confer with ICA and AID on project possibilities.

5. Marshall R. Nason to Racine, Wisconsin to attend conference on "New Directions in Language and Area Studies" sponsored by the Consortium of Latin American Studies, and the Johnson Foundation.


7. Marshall R. Nason, to Española, New Mexico to participate in Latin American poetry readings sponsored by the New Mexico Humanities Council.

F. Outside Sponsored Research.

Individual sponsored research will be reported by the several
departments. The following are germane to Center/Institute activities:

<table>
<thead>
<tr>
<th>Principal Investigator and Project Title</th>
<th>Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Marshall R. Nason, &quot;Problem of the Undocumented Worker&quot;</td>
<td>U.S. Community Services Administration</td>
<td>$18,663</td>
</tr>
<tr>
<td>3. Marshall R. Nason, TV Series on Undocumented Worker</td>
<td>New Mexico Humanities Council</td>
<td>$48,144</td>
</tr>
<tr>
<td>4. Marshall R. Nason; Language Area Center Funding and Title VI Fellowship funds</td>
<td>U.S. Office of Education, HEW</td>
<td>$125,000*</td>
</tr>
<tr>
<td>5. Marshall R. Nason, for Peace Corps Liaison Officer</td>
<td>ACTION-Peace Corps</td>
<td>$11,959</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>$209,074</strong></td>
</tr>
</tbody>
</table>

* Amount given represents asking figure; definitive allocation to be determined in final budget negotiation. Approximately $39,500 to be allocated to NMSU 1st year of a two-year funding cycle.
APPENDIX A
ORGANIZATIONAL CHART

LATIN AMERICAN INSTITUTE

PROVOST

EXECUTIVE DIRECTOR

FACULTY CONCILIUM

POLICY COMMITTEE*

DEANS' ADVISORY COMMITTEES

DIVISION OF STAFF SUPPORT SERVICES
EXECUTIVE DIRECTOR
ASSOCIATE DIRECTOR
ADMIN AND EDITORIAL ASSTS.

DIVISION OF ACADEMIC PROGRAMS
AND RESEARCH

DIVISION OF CONTRACTS AND
TECHNICAL ASSISTANCE

* POLICY COMMITTEE COMPOSITION
Provost (or his representative) (1)
Faculty Concilium Representatives (3)
Major Program Directors (3)
Chairmen, Deans' Advisory Committees (7)
Executive Director (1)
APPENDIX B

COMMITTEE COMPOSITION

Budget Subcommittee
Gilbert Merkx, Chairman
Martin Needler
Edwin Lieuwen
Robert A. Lenberg

Library Subcommittee
Jon Tolman, Chairman
Richard Barrett
Mike Conniff
James L. Ray
John A. Yeakel

Building and Space Subcommittee
Peter Bakewell, Chairman
Leo Romero
Manuel J. Jústiz
Pedro David

Publications Subcommittee
Beth Gard, Chairman
Jack E. Tomlins
Nelson P. Valdés

Subcommittee on Academic Programs
Ted Sturm, Chairman
Elinore Barrett
Karl Schwerin
Peter Bakewell
Jack Tomlins
Marshall R. Nason, ex-officio
Martin C. Needler, ex-officio

Sociology
Latin American Studies
History
Management

History
Law
Education
Sociology

Portuguese/Spanish
Anthropology
History
Political Science
Management

UNM Press
Portuguese
Sociology

Philosophy
Geography
Anthropology
History
Portuguese
Modern and Classical Languages
Latin American Studies