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Annual Report: College of University Libraries & Learning Sciences FY 2012-2013

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Annual Report
College of University Libraries & Learning Sciences
Michael T. Kelly, Interim Dean
FY 2012-2013

Accomplishments

Fiscal Year 2012-2013 marked a turning point in the history of University Libraries. After a year of planning and effort University Libraries has transformed into the College of University Libraries and Learning Sciences (UL&LS) in recognition of the merger of the Organizational Learning and Instructional Technology (OLIT) program from the College of Education into University Libraries. The OLIT program was also rechristened as the Organization, Information & Learning Sciences (OI&LS) Program and Informatics courses already being taught by library faculty were merged into OI&LS.

Other significant accomplishments for the year included:

- A UNM-wide celebration of the acquisition of our ceremonial three millionth volume was held on April 1st, 2013 and a souvenir a commemorative publication edited by Steven R. Harris was published.
- A new set of webpages, re-organized and re-designed from the ground up using the new UNM content management system was deployed.
- The Math Learning Lab opened in Centennial Science and Engineering Library as a cooperative project with the President's Office and the College of Arts and Sciences.
- The Zimmerman Library Master Plan was completed in cooperation with the Office of Capital Projects and Planning and Campus Development and plans are being made for the creation of a long-awaited Learning Commons opening Fall 2014.
- This year the University Libraries successfully negotiated the acquisition by gift of over 1000 boxes of Senator Jeff Bingaman's papers. Along with the Senator's papers came the opportunity of retrieve the digital archives of the Senator and his office (computer files).
- In the area of grants, the unit completed all requirements of the first National Endowment for the Humanities (NEH) National Digital Newspaper Program in New Mexico grant. The project made 33 historic New Mexico newspapers available via the Library of Congress. This year a second supplement NEH grant was awarded to fund an additional two-year project.

Future Plans

In the fall of 2013 we will celebrate another milestone in the history of the library with a celebration of the 75th anniversary of the opening of Zimmerman Library. Zimmerman Library opened in the spring of 1938 and has remained in continuous use and is often referred to as the “heart of campus”. Plans for celebration include the screening of an original documentary, an anniversary party, tours and other special events. A booklet on the history of Zimmerman Library will be produced and the entire UNM community will be invited to participate.

Another milestone for 2013-2014 will be the purchase and implementation of a new online cataloging and circulation system which will require the united efforts of many library units.

The UL has a well-developed strategic plan that guides our decisions. Among our goals for the future are:

Make the distinction between discovery and collections disappear for the library user: anything they can discover will be delivered to them with as few barriers as possible.

- Create simpler request tools and faster delivery methods
- Improve web pages and search tools
- Upgrade the library catalog to improve the discoverability of our content
- Acquire or create more digital content

Provide the people, spaces, tools, and support for student collaboration and creation.

- Create flexible spaces for group study, multi-media projects and presentation practice
- Use Universal Design principles to give equal access to all regardless of disability

Credit Course Development

- Develop credit courses to fill gaps in UNM offerings in the areas of information management and learning sciences

Overall Library Service and Collection Information

University Libraries is the largest academic library system in the state with the most print and electronic resources as well as the most space for students. UNM funding of University Libraries collections currently ranks 86 out of 115 academic research

libraries in the country where 1 is the highest ranking.¹ This is down from last year (ranked 83).

University Libraries (UL) serves every undergraduate, graduate student, Continuing Education student, Evening and Weekend Degree student, faculty member and staff member.

- Nearly 1.5 million visits are paid to the UL per year.
- Nearly 3 million visits were paid to the library website which does not include a count of visits paid to the many subsidiary sites we maintain.
- There were approximately 4.5 million database searches this past year
- Approximately 2.5 million full text articles were retrieved this past year

The physical library is comprised of Zimmerman Library, Centennial Science and Engineering Library, Fine Arts & Design Library, Parish Memorial Library for Business and Economics, and the Center for Southwest Research and Special Collections. The library hosts an extensive set of web pages that provide online services and electronic collections 24/7. University Libraries also licenses e-resources for the UNM branch campuses and provides information services at the UNM West Campus in Rio Rancho.

Collections

- Over 3 million cataloged volumes
- Over 67,300 electronic and print journal subscriptions
- 617,760 ebooks
- 713,958 government documents
- 14,569 linear feet of manuscripts and archives
- 235,546 maps
- 50,936 audio, film and video items
- Over 124,000 items in 797 digital collection
- and much more

Technology & Facilities

- 73 laptops
- 300 desktop computers (including 100 newly replaced)
- printers, copiers and microform readers
- 6 learning labs for library instruction
- 47 group study rooms
- wireless connectivity in all locations
- 139 hours of open facilities

Instruction and Reference

- 745 classes taught
- 13,310 students in the above
- 25,723 reference questions answered
- 14 service points including Ask a Librarian
- Info Management courses offered online for credit and OLIT courses for credit in fulfillment of BS, MA, PhD degrees

¹ Info derived from Association of Research Libraries (ARL) Library Investment Index

**Administrative Services
Annual Report July 1, 2012-June30, 2013
Holly Phillips, Director**

The Administrative Services unit was reorganized under the leadership of a newly appointed Director of Administrative Services. Administrative Services is comprised of Dean's Office administrative staff, budget and cost management staff and employee resources. The reorganization is intended to better support the dean, deputy dean and two associate deans as well as provide events coordination and operational support to the organization. In addition, the unit also provided part time support to the OI&LS program. Two staff (Operations Specialist and Administrative Coordinator) were hired with plans to hire a third. Senior administrative support had not previously been formalized to cover all deans, as well as include operational support. In addition the Administrative Services unit supported the dean in development activities.

The unit provided extensive coordination and support in the months leading up to the Three Millionth Volume Celebration on April 1, 2013. This event was a milestone celebration for the library as well as for the University. The Administrative Services unit was also able to successfully coordinate the Fall 2012 and Spring 2013 OI&LS program convocations, in support of the UL's new role as a degree granting college at UNM. In addition, the unit was called upon to cover employee resources functions due to a retirement. Administrative staff managed the hiring process for faculty, staff and temporary part-time faculty, coordinating annual staff performance and faculty reviews. The Administrative Services staff also received training in advisement and SharePoint, to better support senior administration as well as the organization.

Plans for the Future

- review procedures and policies in order to find ways to streamline and reduce paper
- develop in-house expertise with Sharepoint
- revisit the project management forms and procedures
- explore ways to improve the internal budget process and reports

Academic and Research Technologies
Dale Hendrickson, Director
Annual Report July 1, 2012 – June 30, 2013

Academic and Research Technologies supports the technology needs of both employees and library users both in the library and virtually. ART supports 850 computers and a complex system of servers that underlie our electronic resources.

Significant Accomplishments
FY12/13

- MaLL implementation
- Improvements to VM management (V Center)
- Improve storage flexibility
- Improvements to student and public printing infrastructure
- Implementation of Application Life Cycle Process
- Implementation of new web presence for UL

Significant Plans for the Future
FY13/14

- Upgrade of student and public printing systems
- Pilot implementations of Moodle, Commons in a Box, Digital Object Identifier System, Symbiota
- Major upgrades for the digital asset management systems, CONTENTdm and Dspace
- Major upgrade and enhancements for the room reservation system
- Increase checkout laptops with the addition of Apple MacBooks
- Pilot of android, iOS, and Windows 8 mobile devices

Discovery, Acquisitions, and Consortial Services (DACs)

July 2012-June 2013

Rebecca L. Lubas, Director, Discovery, Acquisitions, and Consortial Services

Significant developments During the Academic Year 2012-2013

Much of DACs' activities were focused on collections and discovery improvement, especially the major strategic goal of selecting a next generation discovery and integrated library system (on-line catalog and circulation system).

Organizational Streamlining

In January, LIBROS Coordination, Cataloging & Discovery Services, and Acquisitions combined for form a new department, Discovery, Acquisitions, and Consortial Services (DACs).

LIBROS Coordination

A major focus of the LIBROS group's time this year was preparation for a Request For Proposal (RFP) for a new integrated library system to replace our aging Millennium product and ideally other components, such as the discovery layer, that we have acquired over the years. The first phase was the drafting of functional requirements. The committee included members of LIBROS, Cataloging, Access Services, the Web Committee, and two LIBROS consortium members outside UNM. The current market was surveyed and the selections of similar institutions were examined. The RFP was released on 26 June, 2013.

Personnel hours were added to LIBROS by the shifting of appointment of the Library Services Coordinator for LIBROS Circulation. As the majority of the "Ask A Librarian" LIBROS questions are circulation-related, this was very helpful in our improvement of customer service.

LIBROS Coordination also continued with cleanup projects from the results of last year's audit. One of these projects was the separation of accounting units of UNM, UNM Law, and New Mexico Tech.

Electronic Resources

The Electronic Resources Team continued to provide access and problem solving for our growing collections. Staff on the team spent significant time training the Director of DACs. More staff were included in the team meetings, including the

Metadata Librarian who took on responsibility for our Discovery Layer. The Team continues to be understaffed for the volume of our budget devoted to electronic resources, but we have plans to address this in the next fiscal year.

Acquisitions

Upon the creation of the new department, a high priority was to fill the vacant Operations Manager position, which we succeeded in doing just in time for the new hire to perform fiscal close.

Acquisitions staff has been deeply involved in collections management projects, such as assisting with the deselecting of print versions of JSTOR titles and the resulting databases issues.

Acquisitions also worked with our approval plans this year to either improve existing plans (YBP) or begin new ones (children's literature, Theodore Front for music).

Cataloging

Cataloging created access for many titles this year. We cataloged 16,121 unique titles in LIBROS, which included books, videos, music scores, sound recordings, and electronic resources. This number is up from last year's 15,509 total. Catalogers continue to enrich metadata for records in WorldCat, which are shared amongst libraries around the world.

The work supply this year was a mix of new receipts and gifts. We also continue to support Access Services in the effort to convert titles classified in Dewey to Library of Congress.

Catalogers in DACS trained to be certified to create RDA NACO (The national-level name authority governing body) headings this spring by attending workshops (mostly in webinar format) and having their work reviewed by a Library of Congress representative.

Cataloging has also continued to work with our colleagues in the Center for Southwest Research to provide cataloging and metadata support.

Google Search Appliance (GSA) or "SearchUNM"

This project is a collaboration between the UL Cataloging and campus Information Technology (IT). We added functionality this year with the addition of an interactive maps tab.

Significant Plans and Recommendations for the Near Future

Staffing

In the next year DACS has plans to hire a tenure track Metadata and Discovery Services Librarian, an Operations Manager for Collections, a Library Services Coordinator for Cataloging, and a Project Migration Librarian (a temporary position).

Exploring a New System

The RFP process for a new Integrated Library system (online catalog) and Discovery system was active at the end of FY13 and will conclude during FY14. The implementation of the new system and the supporting projects will commence in FY14.

The new systems will signal major changes in workflow design in DACS.

Facilities and Access Services Annual Report
Nancy K. Dennis, Associate Dean
July 1, 2012 to June 30, 2013

These accomplishments represent the work undertaken by units within Facilities and Access Services in 2012/2013 in addition to the day-to-day and ongoing responsibilities to: maintain over 427K square feet of library space, open four libraries for over 130 hours per week during the academic year, serve over 1.5 million visitors, provide over half of the total printing and copying services on campus, circulate more than 200K items annually, answer reference and information questions at service desks and from Ask-A-Librarian virtual service, host the eReserves site that receives over 1 million hits per year, process 100,086 Interlibrary Loan requests, and fill 9,256 Library Express requests for UNM patrons from UL collections.

Access Services – responsible for the staffing of all public service circulation and tier-1 reference desks, and collection maintenance of 3M volume collection:

Centennial Science and Engineering Library (CSEL)

- Plan space and collection moves in preparation for Mathematics Learning Lab (MaLL) Lower Level 1
- Facilitated construction of MaLL Oct 2012-Jan 2013. Opened for classes January 14, 2013
- 60% increase in CSEL gate count due to MaLL classes and tutoring
- Purchased new high resolution/large format scanner for student use
- Leaks persist from condensation, poor sealing and pipe failures in LL1 mechanical room causing damage in circulation and Map and Geographic Information Center in LL2 areas

Fine Arts and Design Library (FADL)

- Instituted training program for new staff transfers and student hires with a focus on enhancing customer service and collection maintenance projects.
- FADL named one of the best places to study in Daily Lobo survey
- Began plans for consolidating public services into a single service point which necessitates the remodel of the service desk and the rearrangement of the reference collection and printing/copying/scanning technology

- Purchased new high resolution/large format scanner for student use

Parish Memorial Library (PML)

- Completed collection maintenance projects e.g. book inventory, maintenance weeding, re-cataloging Dewey collection
- Coordinated general facility cleaning by custodial and PPD personnel
- Provided one-day per week library services at UNM West campus

Zimmerman Library –

- Provided 24/5 Extended hours service during academic year with 2.75FTE staff and students
- Planned for and deployed LoboCa\$h card machines on printers/copiers
- Purchased new high-resolution scanner for student use
- Supported and hosted the University Provost’s Office Promotion and Tenure documents for all academic departments using our electronic course reserve system
- Continued to re-allocated space on first floor reference area to accommodate improved student study spaces and technology; shifted reference collections into Tower levels and floors 2 and 3
- Completed collection shifts and consolidation on 2nd and 3rd floors to improve findability of materials; shifted materials to ZIM basement compact shelving
- Planned and began journal inventory and removal of JSTOR titles
- Created popular reading collection
- Created Children’s Collection and associated Reading Area on 3rd floor
- Continue planning for future remodel and creation of first floor combined service desk and Learning Commons

Facilities Services

Facilities Services is responsible for the management and security of over 427K square feet of library space:

- Facilitated construction of Math MaLL in Centennial Science and Engineering Library

- Contributed to Zimmerman Library Master Plan, including student Learning Commons, and combined service point
- Completed Graduate Commons construction location on 2nd floor of Zimmerman Library
- Assisted in Organization, Information & Learning Sciences re-location to Zimmerman 2nd floor offices
- Facilitated access to Zimmerman Library West Wing for PPD/Remodel of north hall restrooms
- Participated in CSEL Master Plan with Campus Planning and Development and Office of Capital Projects
- Coordinated receipt of over 1,700 archival boxes of materials comprising Bingaman Collection
- Contributed to planning and implementation of Zimmerman Library 75th Anniversary
- Continued refurbishment of Dean's suite including painting and wood door assembly installed in workroom 208.
- Facilitated basement, first, second and third floor lighting controls in Zimmerman Library by PPD
- Completed *Retrofitting Buildings for Efficiency* course

Interlibrary Loan and Library Express Services

- A total of 100,086 requests were received and processed, a 2% increase in requests from previous year including:
 - o 39,822 requests to borrow materials and 9,256 LibExpress requests for UNM patrons at a cost of borrowing \$32,991.50 on invoices and \$17,970.61 on copyright fees
 - o Processed 51,008 loan requests from other libraries
- Facilitated the direct purchase of 1,111 items via Purchase on Demand program based on requests from UNM users

Ask a Librarian

Ask a Librarian is the virtual reference and information service provided to the UNM community and 20 LIBROS libraries via chat, text, email and phone. There were

9,576 transactions.

- Planning, purchase and implementation of new software and hosted service; Altarama's RefChatter and RefTracker.
- Trained all Ask a Librarian agents on new software and expanded service to include texting
- Coordinated agent subject training sessions on eBooks, Biology and Life Sciences, CSWR, and locating dissertations
- Chat widget added to library webpage
- Link from UNM Blackboard to facilitate access for distance students and at point of need

Facilities and Access Services Plans and Recommendations 2013-14

- Complete planning and building of Zimmerman Library Learning Commons, Combined Service Point, remodel of 1st floor south side bathrooms, and reorganize employee workspaces
- Plan for new workflows, streamlined services and staffing models at new Zimmerman service desk
- Obtain a storage facility with 15,000 to 30,000 square feet that is fully functional (HVAC, security, office space, warehouse/compact/cantilever shelving, phone, data etc.)
- Coordinating with PPD, address source of persistent leaks in CSEL
- Complete FADL remodel of service desk and replace carpet in entry
- Design and implement customer survey of the Ask a Librarian service
- Continue to clean and refurbish spaces and furniture in Parish Memorial Library
- Recruit and hire Senior Operations Manager, Zimmerman Library and Director of Access Services

Learning Space Initiatives Annual Report
Teresa Neely, Director
July 1, 2012 – June 30, 2013

Learning Spaces

Significant Accomplishments

- Math Learning Lab (MaLL) opened January 25, 2013 in CSEL Library
- Facilitated the completion of the MaLL Service Level Agreement between UL&LS and the College of Arts and Sciences
- Participated in the selection and installation of furniture for 5 staff offices in Zimmerman Library

Accomplishments

- Attended weekly MaLL construction meetings
- Served on campus Learning Environments Committee
- New chairs purchased for Zimmerman Library 2nd and 3rd floors
- Completed Juvenile Literature Reading area with paint and art
- Attended STEM Initiatives Project Group meetings
- Coordinated Environmental Information Management Institute held June 3-5, 2013
- Participated in the development of the Zimmerman Library Master Plan
- Participated in development of Minor Capital Request Funding Priorities, February 2012
- Participated in presentation for visiting alumni and donor, Stephen Mitchell
- Signage for MaLL
- Field Trip – Nex-Gen Academy (New Tech High School) – March 18, 2013
- Field Trip – Business Environments Show Room (Albuquerque, NM) – April 12, 2013
- Field Trip – CTLB, UNM, April 24, 2013
- Field Trip – Contract Associates – April 24, 2013

Significant Plans

- Zimmerman Library South Side Bathrooms – planning for remodel Winter Break 2013-2014
- Zimmerman Library Learning Commons – planning for renovation Summer 2014
 - o Includes Combined Service Point
- Graduate Student Commons – 2nd floor, Zimmerman Library

- GIS Lab

Research and Data Services

- Developed Research and Data Spaces Project Team
- Hired Research Data Scientist
- Identified Sites for Visits
 - o Site Visit – University of Texas (at Austin) Academic Computing Center (TACC)
- Data Services Experts Focus Group – May 1, 2013; May 21st, 2013; and June 19th 2013
- Created Data Services Expansion Project at University of UNM, UL Libguide - <http://libguides.unm.edu/content.php?pid=474949>

Organization, Information, and Learning Sciences Program

July 1, 2012-June 30, 2013

Fran Wilkinson, Deputy Dean of the College of University Libraries and Learning Sciences and Director of the Organization, Information, and Learning Sciences Program

Significant Developments:

The University Libraries' (UL) Strategic Priority of fully forming a "New School" became a reality on July 1, 2012. This New School combined the UL's Information Management and Data Sciences (INFO) credit courses – which were developed by the UL in 2010/11 to meet the growing need for courses in data and information management – with the Organizational Learning & Instructional Technology (OLIT) Program that was previously part of the College of Education. The OLIT Program offers a Bachelor of Science in Technology and Training (a 2+2 program), a Master of Arts, a Ph.D., and an Education Specialist certificate. In spring 2013, the University Libraries was renamed the College of University Libraries & Learning Sciences (UL&LS), and the OLIT and INFO Programs merged to form the OI&LS (Organization, Information & Learning Sciences) Program.

The newly formed OI&LS Program includes four full-time tenured or tenure track faculty (one of which serves as the Program Coordinator), one vacant full-time tenure track faculty position which will be recruited next academic year (AY), one full-time lecturer whose visiting assignment concludes at the end of next AY, and 1.5 FTE staff. In addition, several library faculty teach one or more courses each AY in the Program. Some courses, especially undergraduate courses, are taught by temporary part-time (TPT) faculty and graduate student teaching assistants (TA). All OI&LS faculty and staff report to the Deputy Dean of the College. By the end of the year, the headcount in the OI&LS Program was 35 undergraduate students and 148 graduate students (92 masters and 56 doctoral students). The OI&LS Program has a high student to faculty ratio, especially in the graduate programs.

This transition year was very busy and much was accomplished. At the beginning of the year the Dean of the College appointed a three-person team to smooth the transition to the UL&LS. Each member of the team concentrated on an area of the transition – administrative, cultural, or curriculum – and met regularly to assure continuity. Together, this three-person transition team coordinated these tasks and conducted an OLIT/INFO Planning Retreat held early in the year to recommend a new name for the Program (to be widely vetted) and to create a new mission statement. Activities throughout the year included: creating an FAQ for students and others; physically moving to offices in Zimmerman Library; transferring budget and personnel lines; hiring a tenure track faculty member, a staff Program Coordinator, identifying a staff in the UL&LS to shift to .5 FTE in OI&LS, and hiring TPT faculty and TAs; incorporating OI&LS on the UL&LS website; developing an initial marketing plan; integrating OI&LS faculty into the UL&LS structure (all OI&LS faculty

members serve on one or more UL&LS committees); cross-walking INFO and OLIT courses into OILS course numbers; revising the Catalog; preparing curriculum degree/program change form Cs for the College and Program name changes, and so forth.

The Environmental Information Management Institute (EIMI), which is now part of the OI&LS masters-level courses, was held for the third year in June 2013. The EIMI provides graduate students and professionals with the conceptual and practical hands-on training to effectively design, manage, analyze, visualize, and preserve data and information. The coursework consists of three, two credit hour courses, each taught for one week (40 contact hours). Courses included: Environmental Information Management, Environmental Data Analysis & Visualization, and Spatial Data Management in Environmental Science.

One of the ways in which OI&LS faculty supports graduate students is through the OI&LS Expo. The Expo is an annual event held each May where students showcase their research and class projects developed over the academic year. Projects are presented via poster sessions. Last year, there were 14 posters and the event was attended by over 100 people. In addition to OI&LS students and faculty, visitors included faculty from other programs, potential employers, and representatives from TEDxABQ and the McCune Foundation. In addition to the Expo, an OI&LS faculty member took a team of doctoral students to the International Society of Performance Improvement (ISPI) Conference where the OI&LS graduate team competed with another team. Participation at the ISPI Conference gave the OI&LS Program much more visibility in the area of performance improvement. Another activity that will bring attention to the Program is the selection of its Program Coordinator to be a speaker at the next TEDxABQ.

Another way in which the O&LS faculty supports its doctoral students is through a doctoral community of practice group (Doc CoP). This is a monthly event held to share information about the doctoral process and to build collegial relationships among the students and between students and faculty members. Alumni are also invited to engage in the community so that every member of the community may develop professionally. The Doc CoP also helps by providing tools and training to shorten the path to completion of the doctoral degree.

In order to promote UNM's international and diversity goals, the OI&LS Program has sought to increase minority, differently abled, and international students in the undergraduate and graduate programs. One way OI&LS has done this is by developing both the undergraduate and graduate programs online to provide access to those students who would not be able to physically come on campus. However, the recent UNM change in tuition rates for out-of-state online courses has dramatically affected students taking OI&LS online courses, especially international students, some of who have dropped out of their master's program. Another policy – a U.S. immigration policy – stands in the way of recruiting international students to an online program: according to the US Office of Immigration, international students

must maintain their legal status by not enrolling in more than one three-credit hour online/distance education course per semester. For a master's program like OI&LS that is mostly online with only a few face-to-face classes, this policy is a challenge. However, OI&LS has developed a practice to monitor international students who are enrolled in six or more online courses at UNM. According to the Global Education Office, OI&LS is the first Program at UNM to do so. In addition the OI&LS Program has engaged students in international projects and research, and developed Memorandums of Understanding (MOU) with international institutions. OI&LS has a joint online certificate program in E-Learning with the Open University of Catalonia (UOC), in Barcelona, Spain, where students complete two courses in OLIT and two courses at UOC to obtain both an American and European E-Learning Certificate. Also, OI&LS has signed an MOU with the Central University College in Accra, Ghana, to help deliver a physician assistant program at a distance via mobile and eLearning technologies. Four graduate students and their faculty mentor worked as a virtual team to develop a grant proposal for Grand Challenges Canada's call for "Stars in Global Health" program on behalf of Dr. Ben Aflakpui of Central University College, Accra, Ghana, to offer a physician assistant program via eLearning and mobile learning platforms which was funded at Canadian \$ 113,000. This program is enabling students to understand a specific cultural context and design and deliver an academic program in Ghana. One OI&LS student recently returned from Ghana having completed a successful student orientation program on how to learn at a distance.

The College hosted its first convocation ceremony in December 2012 for OI&LS students who completed their degree requirements in the summer or fall semesters. The convocation was very well received by students and their families alike. The convocation for the spring semester graduates was held in May 2013 and the UL&LS Banner was introduced at the UNM Commencement and carried for the first time. The College's color was white to denote the Master of Arts.

Significant Plans and Recommendations for the Near Future

Due to both the College and the OI&LS Program name changes in spring 2013, in the fall 2013 semester the INFO and OLIT courses will remain separate in the course schedule; however, in spring 2014 these courses will be cross-walked in the course schedule to appear under "OILS" (this change will have already been made in the Catalog). A vacant tenure track position for a learning scientist will be recruited. The OI&LS 2+2 Bachelor of Science degree was under a moratorium on accepting new students in the program in AY 2012/13, with the exception of students who were already in the pipeline for admittance. The UL&LS Director of Instruction and Assessment, along with an OI&LS graduate student, will conduct an evaluation of the value of the 2+2 B.S. program during summer 2013 to determine if it should be continued and revitalized or discontinued. OI&LS faculty will hold a Retreat in fall 2013 to review the findings of the study and make a recommendation to the Dean and the UL&LS Curriculum Committee. A second Retreat to review the graduate programs, including the need for adding transcribed certificates, will be held in

spring 2014. Faculty roles and workloads for librarians, teaching faculty, and hybrids (librarians who teach) will be defined. OI&LS Student Learning Outcomes will be assessed and a report will be made, using a new process from the Provost. To assure that the OI&LS Program is meeting the needs of its students, an OI&LS faculty member will conduct a workforce needs analysis and prepare a report. Librarians will be solicited to expand their roles as graduate student advisors and will be invited to participate in the DocCoP (doctoral student community of practice) meetings. Construction began on a vibrant Graduate Student Commons in spring 2013 and will be completed in fall 2014. Although this dynamic, technology enhanced space will be open to all graduate students, it is anticipated that OI&LS students will use it extensively. In addition to the Commons, the concept of creating a “sandbox” learning space for both students and faculty will be explored. As part of its ongoing international initiatives, an OI&LS faculty member will develop an MOU with the School of Business and Engineering at the University of Sao Paulo, Brazil for faculty and student exchanges and collaborative research examining how cross cultural learning occurs in a business simulation developed by the University of Sao Paulo. In order to further promote international and interdisciplinary perspectives among students, the OI&LS Program plans to host international post-doctoral researchers; the OI&LS Program has previously hosted scholars from Turkey, India, Sri Lanka, Spain, Korea, Portugal, and Brazil.

Outreach and Instruction Annual Report 2012-2013

Sue Awe, Mark Emmons, Kathleen Keating, and Fran Wilkinson

Significant Developments:

Subject Librarian Activities/Outreach: This was a transition year for Outreach. In the fall semester, meetings for Subject Specialists were held monthly and co-chaired by the Director of Outreach and the Director of Collections and Acquisitions Services. Topics for meetings included feedback for the Web Committee, Learning Objects and Research Guide use, techniques for better instruction, and patron driven acquisitions.

In January, the Deputy Dean became the leader of Outreach and Instruction with the Director of Outreach and the Director of Instruction and Assessment Services reporting to her. The Director of Collections and Acquisitions Services was reassigned and did not continue working with the Subject Specialists after the end of calendar year 2012. Three Team Leaders (formerly Cluster Leaders) held separate monthly meetings with joint meetings as needed. The Teams included the Fine Arts and Design Team; the Science and Engineering Team, and the Social Sciences, Humanities, Education, and Indigenous Nations Library Program/Inter-American Students Team. In March, an Outreach and Instruction Advisory Committee was formed, which began meeting bi-weekly. This was one of five newly formed Advisory Committees, with members including the Deputy Dean (who chaired the committee), the Director of Outreach, the Director of Instruction and Assessment, along with several other faculty and staff appointed to the committee by Dean's Cabinet.

Subject Specialists determined that there was a need for instruction in EndNote and Zotero, bibliographic citation software; and two teams were identified to organize and teach several sessions each semester. Most Subject Specialists maintain numerous research guides and several Subject Specialists also created new Research Guides (formerly known as LibGuides). As part of the launch of new web pages, Subject Specialists participated in the restructuring and redesign of the library's research guides.

Statistics: The Outreach Statistics database made a transition the end of 2012-13. In response to user requests, the collection of Outreach statistics was simplified; however, while the old statistics were archived, the report for the year is not comparable to previous years. About 20 library employees entered statistics connecting them with 4,797 students, faculty, and staff generally on campus with some high school groups included.

Staffing: Change was the theme of the Outreach area's year. One data librarian was internally transferred to the position of Learning Services Coordinator. Some of her subject librarian duties were reassigned. The sociology subject librarian resigned and her duties were reassigned. The life sciences data librarian also resigned, and the Science and Engineering Team Leader picked up those duties. The Education Librarian was on sabbatical for the entire year and the Fine Arts and Design Arts Team Leader picked up her duties with some assistance from other Subject Librarians. Near the end of the year, the Director of Outreach was asked to work with the Indigenous Nations Library Program (INLP) and Inter-American Studies (IAS) faculty to plan for the future.

INLP/IAS Programs: In tandem with INLP, IAS supports academic programs and outreach initiatives related to Indigenous Nations, Hispanic/Latino/Chicano, Latin American, and Iberian studies. IAS and INLP regularly host lecture series and exhibits which involve collaborations with multiple programs. The IAS Curator was asked to teach the whole semester of undergraduate capstone classes for Latin American Studies. Additionally in 2012-13, the three faculty in these programs taught 109 freshman and subject related classes with 1,867 participants. Separate outreach activities recorded by those faculty reached another 600 individuals.

Instruction and Assessment/Learning Services Activities: This has been a year of transitions for Learning Services. In April of 2012, Information Literacy & Instruction Services had been moved to Access Services and renamed Instruction Services. For the first half of the 2012/13 academic year, the Associate Dean of Facilities and Access Services provided leadership over a reorganized instruction team of faculty and staff who worked closely with Outreach Services to provide instruction. In January of 2013, Instruction Services once again changed its leadership and its name to Learning Services. A new Coordinator of Learning Services, under the direction of the Director of Instruction and Assessment now manages instruction services, overseeing an Instruction Working Group and partnering with faculty and staff in Outreach and in Access Services to provide information literacy and instruction to UNM students.

In 2012/2013, 32 library staff and faculty taught 745 classes to 14,063 students. This reflects decreases in the number of library instructors (from 38 to 32 = 15.8% decrease) and in both the number of classes taught (a 9.4% decrease) and in the number of students reached (a 3.3% decrease). The average number of students taught in each class increased by one to nearly 19. The Learning Services faculty and staff taught 184 of 745, or 25%, of all classes.

Learning Services faculty and staff were involved with numerous University Library initiatives and programs, including the Outreach program, the development of web pages and Research Guides, and the creation of learning objects. ILIS staff served at the Centennial Science and Engineering Library and Zimmerman Combined Service Points, on the Fine Arts and Design Library reference desk, at the Satellite Outreach Services desk in Mesa Vista Hall, and the Virtual Service Desk.

First Year Experience: First Year Experience programs remains an important and significant part of Learning Services, reaching 5,941 students in 266 library sessions, representing 36% of all courses taught. 22 of 32 instructors taught first year courses (see Table below).

| Program Served | Sessions | Participants |
|----------------------------|-----------------|---------------------|
| Biology 124 | 29 | 1216 |
| College Enrichment Program | 16 | 325 |
| English 101 & 102 | 139 | 2969 |
| Freshman Academic Choices | 41 | 697 |
| Introductory Studies 100 | 29 | 539 |
| ROTC | 5 | 93 |
| University Honors 121 | 7 | 102 |
| Total | 266 | 5941 |

New Programs: The Freshman Learning Communities (FLC) expanded its offerings to include spring courses. University Libraries offered instruction in each of the courses.

Professional Development: New instruction faculty and staff attended a three day workshop entitled Learning to Teach that covered how students learn, instructional design with a separate unit on assessment, and classroom management.

Research Guides: As part of the launch of new web pages, Learning Services members participated in the restructuring and redesign of the library’s research guides.

BlackBoard LEARN: As a follow up to the launch of new web pages, Learning Services members worked with New Media & Extended Learning to incorporate University Libraries web pages into BlackBoard LEARN.

Learning Objects: Learning Services updated existing learning objects.

Foundations of Excellence: Four members of Learning Services contributed to four different dimensions committees for the Foundations of Excellence task force “to evaluate the first-year experience and develop an action plan for institutional change and improvement.”

Web Pages: University Libraries launched new web pages. Learning Services actively participated to ensure that the new pages incorporated online help, in-context FAQs and related links, and new instruction request forms (with Altarama).

Website Revision: University Libraries launched a completely new web site in January 2013 – see <http://library.unm.edu/>. The web site was completely redesigned with a brand new information architecture based on a research report that included stakeholder interviews, a technology assessment, a broad and a detailed content audit, usability studies, card sorting and chunking exercises, and benchmarking analysis. A new discovery layer, new chat and texting system, new instruction request form, new calendar, new hours database, new interactive library maps page, and new employee directory were all incorporated into the new web pages. The library portal page and library tab in myUNM were also redesigned and a link was added to all LEARN course pages. A new front end was created for LibGuides and their look and feel was standardized. In addition, a mobile site was developed. The new web site was tested by users who found it far simpler and effective to use.

Significant Plans and Recommendations for the Near Future

Outreach will hold a Workshop/Retreat in July 2013 to develop expectations for all Subject Specialists as well as to change the title of Subject Specialists to Subject Librarians. The expectations document will be comprehensive and provide for a “plan” to be developed by each Subject Librarian as part of the goal-setting process. The Performing and Digital Arts Librarian will be on parental leave during the fall 2013 semester and her duties will be distributed to faculty and staff within Fine Arts and Design Library. Two Research Services Librarians, one with expertise in life sciences and one in social sciences, will be recruited to support faculty and graduate students in those discipline areas. Instruction and Assessment will implement a peer coaching system, plan and design an online curriculum, and explore options to extend information literacy into majors.

Scholarly Resources Annual Report 2012-2013

Michael T. Kelly, Associate DEan

The Scholarly Resources division is again making great strides in the areas of digitization, Open Access publishing and innovative new online collections of resources and continues to develop the University Libraries research data management initiatives.

Among the highlights this year include adding over 1000 digital items to the New Mexico Digital Collections; the successful online hosting of three new UNM journals; several specialized library collections now have their own websites including the completely redesigned version of the Searchable Ornithological Research Archive (SORA) and the Tony Hillerman Portal; and the conversion to a digital format of 16 mm 1947-1960 NM sports film and video.

This year the University Libraries successfully negotiated the acquisition by gift of over 1000 boxes of Senator Jeff Bingaman's papers. Along with the Senator's papers came the opportunity of retrieve the digital archives of the Senator and his office. We hope to have the collection of both the papers and the digital archives available for researchers within three years.

In the area of grants, the unit completed all requirements of the first National Endowment for the Humanities (NEH) National digital Newspaper Program in New Mexico grant. The project made 33 historic New Mexico newspapers available via the Library of Congress. This year a second supplement NEH grant was awarded to fund an additional two year project. We have also submitted a NEH planning grant to evaluate options for enhancing the Rocky Mountain Online Archives.

Sixteen new manuscript collections and 8 new collections of Southwestern Architecture were processed and opened for research in the 2012-2013 year. Topics were diverse; highlights include the papers of author/screenwriter of *Dances with Wolves* Michael Blake; the J.B.Jackson Pictorial materials; water lawyer and expert Emlen Hall; early New Mexico oil man Hiram Dow; the Ibarra family of Venezuela; and the NASA, legislative and photographic series of Senator Harrison Schmitt's papers. This year we completed over 25 oral histories documenting the relationship between Native Americans and UNM from the 1940's to the present. Finally, we continue to provide outstanding reference service to the over 3,200 scholars from around the world. Our instruction program reached 24 classes with a total of 518 students.

Publication of the College

Three Million and Counting: the authentic story of a rare book, library donors, famous authors, university faculty, staff and students, and how they built a research library collection at the University of New Mexico. University of New Mexico Libraries, 2013. Edited by Steven R. Harris.

Publications of Faculty

Benaud, Claire-Lise

"The Lee Marmon Photographs: Chronicles of the West." *Collection Building* v. 32, issue 4 (2013): 133-138. Co-authors: Clare Daniel. 10.1108/CB-03-2013-0011 (Permanent URL)

ASARO: Claiming Space in Digital Objects and Social Networks." In *Preserving Memory: Documenting and Archiving Latin American Human Rights*, Seminar on the Acquisitions of Latin American Library Materials LVI, ed. by Nerea A. Llamas, 23-32. Philadelphia, PA: SALALM Secretariat, 2013. Co-author: Suzanne M. Schadl

"Archive It Old School: Solo Collecting, Networking, and eBay." In *The Future of Latin American Library Collections and Research: Contributing and Adapting to New Trends in Research Libraries*, Seminar on the Acquisitions of Latin American Library Materials LV, ed. by Fernando Acosta-Rodriguez, 67-73. Providence, RI: SALALM Secretariat, 2012.

"Josep Renau's Mexican Exile: Political and Artistic Crossings." In *Migrations and Connections: Latin America and Europe in the Modern World*, Seminar on the Acquisitions of Latin American Library Materials LIV, ed. by Pamela M. Graham, 13-22. Berlin, Germany: SALALM Secretariat, 2012. Co-author: Suzanne M. Schadl.

"J. B. Jackson, Cultural Geographer: Evolution of an Archive." *Collection Building* v. 31, issue 3 (2012): 115-119. Co-authors: Audra Bellmore, Sever Bordeianu. 10.1108/01604951211243515 (Permanent URL)

"A Late Encounter: The Unusual Friendship of Percy Bigmouth and Martha Gene Neyland Revealed through Letters and Stories during the 1940s." In *Encounter, Engagement, and Exchange: How Native Populations of the Americas Transformed the World*, Seminar on the Acquisitions of Latin American Library Materials LIII, ed. by John B. Wright, 196-204. New Orleans, LA: SALALM Secretariat, 2011. Co-author: Paulita Aguilar. Received in February 2012.

Benedict, Karl

Publications & Presentations (** indicate peer-reviewed publications)

Benedict, K. 2012. "Primer on Data Management: Components of a Data Management Plan". Data management planning workshop presentation based upon original materials developed by Robert Cook, Oak Ridge National Laboratory. American Geophysical Union Fall Meeting. San Francisco, CA.

Benedict, K. 2012. 'Scientific Data Preservation'. Presentation at New Mexico. Cyber-infrastructure Day. Albuquerque, NM. September, 2012

Benedict, K., Camponovo, M., Scott, S., and S. Zhang. 2013. *The Development of Data management and Services Architecture in Support of a Geospatial Clearinghouse and Research Data Portal*. Presentation at Federation of Earth Science Information Partners Winter Conference. Washington, DC.

Benedict, K. and D. Pennington.. 2012. "Necessary but not Sufficient - Closing the Gap Between Data Access and Use by a Broad User Community" Poster presentation at the American Geophysical Union Fall Meeting. San Francisco, CA.

Benedict, K., S. Scott, W. Hudspeth. 2012 "Data Management for Flexible Access - Implementation and Lessons Learned from work with Multiple User Communities" Invited Paper for the American Geophysical Union Fall Meeting. San Francisco, CA.

Del Rio, N., D. D. Pennington, P. Pinheiro da Silva, K. Benedict. 2012 "Streamlining Data Access Services and Data Analysis Services Integration" Poster presentation at the American Geophysical Union Fall Meeting. San Francisco, CA. December 2012.

**Fritzing, E., S. M. Dascalu, D. P. Ames, K. Benedict, I. Gibbs, M. J. McMahon, Jr., F. C. Harris, Jr. 2012 The Demeter Framework for Model and Data Interoperability. *Proceedings of the 2012 International Congress on Environmental Modelling and Software: Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty*, R Seppelt, A.A. Voinov, S. Lange, D. Bankamp (Eds.). International Environmental Modelling and Software Society (iEMSs) Sixth Biennial Meeting, Leipzig, Germany. <http://www.iemss.org/society/index.php/iemss-2012-proceedings>

**Huang, Q., C. Yang, K. Benedict, S. Chen, A. Rezgui & J. Xie. 2012 Utilize cloud computing to support dust storm forecasting, *International Journal of Digital Earth*. pp 1-18. DOI:10.1080/17538947.2012.749949. <http://www.tandfonline.com/doi/abs/10.1080/17538947.2012.749949>

**Huang, Q., C. Yang, K. Benedict, A. Rezgui, J. Xie, J. X. Songqing Chen. 2012 Using adaptively-coupled models and high performance computing for enabling the computability of dust storm forecasting. *International Journal of Geographical Information Science*. DOI:10.1080/13658816.2012.715650.

Hudspeth, W., K. Benedict, S. Scott. 2012 "Generation of Multiple Metadata Formats from a Geospatial Data Repository" Poster presentation at the American Geophysical Union Fall Meeting. San Francisco, CA.

**Leptoukh, G, R Kiang, R Soebiyanto, D Tong, P Ceccato, S Maxwell, R Rommel, G Jacquez, K Benedict, S Morain, P Yang, Q Huang, M Golden, R Chen, J Pinzon, B Zaitchik, D Irwin, S Estes, J Luvall, M Wimberly, X Xiao, K Charland, R Stumpf, Z Deng, C Tilburg, Y Liu, L McClure, and A Huff. 2012 Data Discovery, Access and Retrieval, in *Environmental Tracking for Public Health Surveillance*. Morain and Budge, eds. CRC Press, pp. 229–291.

**Quinn, T., K. Benedict, J. Dickey. 2012. Ligia Grischa, A Successful Swiss Colony of the Dakota Territory Frontier. *Great Plains Quarterly*. Vol. 32 (Fall 2012). pp 247-60

Bordeianu, Sever

"Interaction between departments: Strategies for improving interdepartmental collaboration through communication" in *Workplace Culture in Academic Libraries*, edited by Kelly Blessinger and Paul Hrycaj, Woodhead Publishing, 14 pages. February 2013.

Chao, Zoe

Chao, SY Zoe, & Rebecca Lubas. (2013) "Collaborating with Information Technology: Implementing Web Search at the University of New Mexico." *Cataloging & Classification Quarterly* 51:251-264. DOI:10.1080/01639374.2012.722590

Chao, SY Zoe & Amy Jackson. (2013) "Chapter 2- XML." In *The Metadata Manual: A practical workbook by Rebecca Lubas, Amy Jackson & Ingrid Schneider*. Woodhead Publishing.

Dennis, Nancy K.

External Reviewer, Tenure review for faculty promotion – Montana State University, Oct 15, 2012.

"UNM Libraries: Two Floods and a Fire", Co-Presenter with Fran Wilkinson, December 3, 2012, Presentation to New Mexico Highlands University Library and Facilities Managers.

"Disaster Planning: Lessons Learned from Real Disasters", Co-Presenter with Fran Wilkinson, March 28, 2013, Presentation to the Rio Grande Special Libraries Association.

Desai, Christina M.

Desai, C.M. (2013). Columbus in picturebooks: Images of power. Illustration, Comics, and Animation Conference, Dartmouth University, Hanover NH, April 19, 2013.

Desai, C.M. (2013). *Columbus in picturebooks: Enduring images*. Rutgers University Lecture Series. Rutgers University, Camden NJ, April 10, 2012.

Emmons, Mark

“Setting the Stage for Information Literacy Education,” chapter in 2nd edition of *Information Literacy Instruction that Works: A Guide to Teaching by Discipline and Student Population*, edited by Patrick Ragains, p. 3-20. New York: ALA Neal-Schuman, 2013. Co-author: Patrick Ragains.

“College and University Freshmen,” chapter in 2nd edition of *Information Literacy Instruction that Works: A Guide to Teaching by Discipline and Student Population*, edited by Patrick Ragains, p.35-45. New York: ALA Neal-Schuman, 2013.

“Third Culture Kid: Tales of a Global Nomad,” chapter in *Identity and Leadership: Informing Our Lives, Informing Our Practice*, 2013, p. 145-154, edited by Alicia Fedelina Chávez and Ronni Sanlo. Washington, D.C.: NASPA - Student Affairs Administrators in Higher Education.

“World Filmmakers: A Critical List of Books.” *Choice*: v50 n6 (February, 2013): 999-1005. Co-author: Audra Bellmore.

“Film,” a chapter in *RCL: Resources for College Libraries*, edited by Marcus Elmore. New Providence, N.J.: R.R. Bowker & Chicago, IL: American Library Association, 2007. Co-author: Jane Sloan. Revised in 2012 under editor Anne Doherty.

Grassberger, Robert

Boverie, P., Grassberger, R, & Law, V. Leading individual development and organizational change around learning, meaning, and nurturing environment, *Advances in Developing Human Resources*, August 22, 2013 as doi:10.1177/152342231349856

Gunawardena, Lani

Book Chapter

Gunawardena, C. N. (2013). Culture and Online Distance Learning. In M. G. Moore (Ed.), *Handbook of distance education (3rd Edition)* (pp. 185-200). New York, NY: Routledge.

Refereed Conference Proceedings

Gunawardena, C. N., Layne, L. C., & Frechette, C. (2012). Designing wise communities that engage in creative problem solving: An analysis of an online design model. In *Proceedings of the 62nd Annual Conference of the International Council of Educational Media* (pp. 369-379). Also available at <<http://icem2012.cardet.org/index.php/conference-presentations-videos>>

Gunawardena, C. N., Jayatilleke, B. G., Fernando, S., Kulasekera, C., Lamontagne, M. D., Ekanayake, M. B., Thaiyamuthu, T. (2012). Developing online tutors and mentors in Sri Lanka through a community building model: Predictors of satisfaction. In *Proceedings of the International Conference on Advances in ICT for Emerging Regions* (pp. 145-155). doi: [10.1109/ICTer.2012.6421413](https://doi.org/10.1109/ICTer.2012.6421413)

Keating, Kathleen

Artwork

Brian's Shadow, international juried exhibit. Equine Dream Art Show and Sale. Sacramento, CA. June 7-9. Awarded 2nd place.

Kostelecky, Sarah

Kostelecky, Sarah. "UNM Indigenous Nations Library Program Fall Events." *NMLA Newsletter* 42.6 (2012): 7.

Lubas, Rebecca

"Interaction between departments: Strategies for improving interdepartmental collaboration through communication" in Workplace Culture in Academic Libraries, edited by Kelly Blessinger and Paul Hrycaj, Woodhead Publishing, 14 pages. February 2013.

"Collaborating with Information Technology: Implementing Web Search at the University of New Mexico" with Zoe Chao. Cataloging & Classification Quarterly, 51:1/3 (2013).

The Metadata Manual: A Practical Workbook, with Amy Jackson and Ingrid Schneider. Woodhead Publishing, 2013.

Michener, William

Costello, M.J., W.K. Michener, M. Gahegan, Z-Q. Zhang, and P. Bourne. 2013. Biodiversity data should be published, cited and peer-reviewed. 2013. *Trends in Ecology & Evolution* 28:454-461.
<http://dx.doi.org/10.7191/jeslib.2013.1024>

Littauer, R., K. Ram, B. Ludaescher, W. Michener, and R. Koskela. 2012. Trends in use of scientific workflows: insights from a public repository and recommendations for best practice. *International Journal of Digital Curation* 7:92-100.

Bendix, J., J. Nieschulze, and W.K. Michener. 2012. Data platforms in integrative biodiversity research. *Ecological Informatics* 11:1-4.
Michener, W.K., S. Allard, A. Budden, R.B. Cook, K. Douglass, M. Frame, S. Kelling, R. Koskela, C. Tenopir, and D. Vieglais. 2012. Participatory design of DataONE—

Enabling cyberinfrastructure for the biological and environmental sciences.
Ecological Informatics 11:5-15.

Michener, W.K. and M.B. Jones. 2012. Ecoinformatics: supporting ecology as a data-intensive science. *Trends in Ecology & Evolution* 27:85-93.

Kelling, S., D. Fink, W. Hochachka, K. Rosenberg, R. Cook, T. Darnoulas, C. Silva, and W. Michener. 2013. Estimating species distributions—across space, through time, and with features of the environment. Pages 441-458 in Atkinson, M., R. Baxter, M. Parsons, P. Brezany, O. Corcho, J. van Hemert, and D. Snelling (Eds.) *The Data Bonanza: Improving Knowledge Discovery in Science, Engineering, and Business*, John Wiley & Sons, Inc.

Quinn, Todd

Quinn, T., Benedict, K., & Dickey, J. (2012). *Ligia Grischa: A successful Swiss colony on the Dakota Territory frontier. Great Plains Quarterly, 32(4), 247-260.*

Schadl, Suzanne

Suzanne M. Schadl & Claire-Lise Bénaud “ASARO: Claiming Space in Digital Objects and Social Networks,” Accepted (2013) for publication, *SALALM #56 Preserving Memory: Documenting and Archiving Latin American Human Rights*. Ed. Nerea Lamas. New Orleans: SALALM Secretaria

Suzanne M. Schadl & Claire-Lise Bénaud, “Renau’s Mexican Exile: Political and Artistic Crossings,” *SALALM # 54 Migrations and Connections: Latin America and Europe in the Modern World*, Ed. Pamela M. Graham. New Orleans: SALALM Secretariat (2012): 13-23.

Suzanne M. Schadl “Hispanic and Luso-Brazilian Languages and Literatures” a chapter in *RCL: Resources for College Libraries, Electronic Database (12/12)*.

Amy S. Jackson, Kevin Comerford, Suzanne Schadl, Rebecca Lubas, “Discovering Our Library’s Resources: Vendor Tools Versus In-House Tools” in *Planning and Implementing Resource Discovery Tools in Academic Libraries* Eds. Mary Pagliari Popp and Diane Dallis. Hershey PA: Information Science Reference, (2012): 194-224.

Book Review

Suzanne M. Schadl *Blackness in the White Nation*, George Reid Andrews, Chapel Hill: University of North Carolina Press, 2011 in *Bulletin of Latin American Research*, 31:3 (2012), 385-386.

Wilkinson, Fran

Rio Grande Special Libraries Association, Webinar: "Disaster Planning: Lessons Learned from Real Disasters," March 2013. (Webinar presented by Fran Wilkinson and Nancy Dennis).

Professional Activities of Faculty and Staff

Aguilar, Paulita

- New Mexico Library Association's (NMLA) ALA/APA Councilor (elected position).
- Appointed to the American Indian Library Association's (AILA) Scholarship Committee
- NMLA's Mini-conference, "What Does your ALA Councilor Do for YOU?," Oct. 26, 2012.
- American Library Association's (ALA) Mid-winter Conference in Seattle, WA, Jan. 25-29, 2013.
- NMLA Treasurer (elected position) in April 2013.
- NMLA's Annual Conference, "This is Zotero: Teaching your students Zotero," Albuquerque, NM, April 10, 2013.
- ALA Annual, Chicago, IL, June 27-July 2, 2013.
- Mentored graduate students in the Circle of Learning Program, School of Library & Information Science, San Jose State University.
- Joint Conference for Librarians of Color, Kansas City, KA, Sept. 19-23, 2012.
- New Mexico Library Association's Annual Conference, Albuquerque, NM, April 17 and 19, 2013.
- Association of Tribal Archives, Libraries, Museums Conference, Santa Ana, NM, June 10-13, 2013.

Karl Benedict is a member of the Society for American Archeology, the New Mexico Geographic Information Council (NMGIC), the American Geophysical Union, and the American Society for Photogrammetry and Remote Sensing. Karl represents EDAC in the *Federation of Earth Science Information Partnership (ESIP)*. Within the Federation, he serves as President. He also serves as the Chairman of the Board of Directors for the Foundation for Earth Science. Through his role in the ESIP Federation Karl serves as a member of the Data Management and Communications (DMAC) Steering Committee for the Integrated Ocean Observing Network. Karl is EDAC's representative to the Open Geospatial Consortium and the DataOne Data User's Group. He also chairs the Tri-State (NV, ID, NM) NSF EPSCoR Cyberinfrastructure working group. He also served on a proposal review panel for the National Science Foundation and as a peer-reviewer for *Computers, Environment and Urban Systems* during the reporting year.

Botts, Carroll

Teaching: Art History 101, "Introduction to Art.: UNM Kirtland Air Force Base, Albuquerque, NM, Fall semester, 2012.

Bruesch, Mary

Concert performances with Albuquerque Baroque Players:
October 20 & 21, 2012, February 2 & 3, 2013, March 16 & 17, 2013, April 27 & 28, 2013

Desai, Christina M.

Visiting Scholar, Department of Childhood Studies, Rutgers University, Academic Year 2012-2013.

Emmons, Mark

Association of College & Research Libraries – At-Large Board member
NSSE Information Literacy Task Force – Member

Grassberger, Robert

Appointed to second term (4-year) by Governor Martinez – State Workforce Development Board. Serving on Business Engagement Subcommittee and Data and Performance Subcommittee (see attached for subcommittee descriptions).
Serve as member and chair of Education committee for the New Mexico Rural Alliance. The mission of this nonprofit is to offer training to New Mexico's rural economic development community.
I took a team of 4 doctoral students (Team TILO) to the International Society for Performance Improvement in Reno, NV in April. They competed in a case study competition and presented at that conference. I have shared this story with you previously.

Team TILO and I have taught about performance improvement locally twice since Reno. First in May at the local chapter of ISPI. We did another presentation to the local chapter of the Human Resource Management Association. Probably 80 people in total were in attendance.

Funding / Grants

Over the summer, I worked with an OI&LS doctoral student to develop the NM Rural Alliance Virtual Learning Community (RAVLC). We rolled it out at the Rural Forum held in Los Lunas on August 6. The RAVLC is a social networking site stood up on the open source software Commons-in- a-Box (CBOX). The objective is to provide a community where developers can meet and learn from each other as well as a place where they can find other learning assets. Part of the idea that went into the design came from an approach used by librarians in Australia. This project was funded by the Rural Alliance for \$15,750. While I worked on it in-kind, it provided funding for the doc student and a developer.

Gunawardena, Lani

Refereed Conference Presentations:

Gunawardena, C. N., Layne, L. C., & Frechette, C. (September, 2012). Designing Wise Communities that Engage in Creative Problem Solving: An Analysis of an Online Design Model. *Paper presented at the 62nd Annual Conference of the International Council of Educational Media*. University of Nicosia, Cyprus.

Gunawardena, C. N., Jayatilleke, B. G., Fernando, S., Kulasekere, C., Lamontagne, M. D., Ekanayake, M. B., Thaiyamuthu, T. (December, 2012). Developing online tutors and mentors in Sri Lanka through a community building model: Predictors of satisfaction. *Paper presented at the 13th Annual International Conference on Advances in ICT for Emerging Regions*, Bandaranaike Memorial International Conference Hall, Colombo, Sri Lanka.

Chair of the following Conference Sessions:

Parallel Session 1 - Problem Based Learning *at the 62nd Annual Conference of the International Council of Educational Media*. University of Nicosia, Cyprus.

Parallel Session A: e-Learning 2, *at The 13th Annual International Conference on Advances in ICT for Emerging Regions*, Colombo, Sri Lanka

Editorial Boards:

- Editorial Board Member, *The Journal of Distance Education*
- Editorial Board Member, *International Journal on New Trends in Education and Their Implications*
- Editorial Board Member - *The Turkish Online Journal of Educational Technology*

Refereed Journal Reviewer. Reviewed manuscripts for:

The American Journal of Distance Education,
Distance Education,
International Review of Research in Open and Distance Learning.

Evaluator for *National Institute of Health (NIH), NCCR Science Education Partnership Award (SEPA) (R25)*, funded at \$1,304,489 in 2012. Title: "NM FRESH: New Mexico's Future Researchers Exploring Science and Health," a science inquiry-based learning program. 02/01/12-01/31/17. PIs Shiraz Mishra and Sally Davis, Prevention Research Center, Health Sciences Center, UNM. As Evaluator wrote evaluation plan for the grant proposal and worked on grant activities from August 2012 to March 2013.

Kostelecky, Sarah

Advisory Committee for Zuni: Engaging Teachers and Community (ZETAC) a partnership between UNM, W.K. Kellogg Foundation and Zuni Public School District in March 2013.

Mentored graduate students in the Circle of Learning Program, School of Library & Information Science, San Jose State University.

Joint Conference for Librarians of Color, Kansas City, KA, Sept. 19-23, 2012.
New Mexico Library Association's Annual Conference, Albuquerque, NM, April 17 and 19, 2013.

Association of Tribal Archives, Libraries, Museums Conference, Santa Ana, NM, June 10-13, 2013.

McLean, Clark

American Choral Directors Association National Conference, Dallas, Texas, March 2013.

Schadl, Suzanne

Presentations

Conference Presentation, *Tricking internet algorithms: La Energaia, contemporary indigenous thought and humanities classrooms* 58th annual meeting of SALALM (Seminar of the Acquisition of Latin American Library Materials) Coral Gables, FL 5/13

Commenter on Roundtable, E-books Update: New Developments, New 58th annual meeting of SALALM (Seminar of the Acquisition of Latin American Library Materials) Coral Gables, FL 5/13

Symposium Moderator, Interdisciplinary Dialogue and Closing Remarks, Richard E. Greenleaf Symposium in Latin America: Authority & Identity in Colonial Ibero-America, Albuquerque, NM 4/13

Conferences

Feria Internacional del Libro, Guadalajara, November 2012 (Funded through Title VI NRC, Administered through the Latin American and Iberian Institute)

ALA Midwinter Conference, January 2013

Rocky Mountain Council Latin American Studies, April 2013

Seminar on the Acquisition of Latin American Library Materials, May 2013

Silbergleit, Beth

New Mexico Historical Records Advisory Board (Governor appointee)

Wilkinson, Frances C.

Attended Association of Tribal Archives, Libraries, and Museums Conference, June 2013.

Outside Sponsored Research

Benedict, Karl

| Project Description/Sponsor | Account # | Amount (\$) | Duration |
|---|-----------|-------------|------------------------------------|
| The Natl Science Foundation – EPSCoR. Hydroclimate research infrastructure development | 985083 | \$566,895 | 09/01/08 - 08/31/13 |
| EPSCoR Track II. Collaborative hydroclimate research between NM, NV and ID for expanding research infrastructure and capacity | 985089 | \$316,162 | 09/15/09 - 08/31/12 (NCE to 08/13) |
| NASA – Access. Standards-based data and model interoperability enhanced through metadata exchange and provenance representation | 985101 | \$181,451 | 05/01/12 – 04/30/14 |
| NM EPSCoR – Research Infrastructure. Energy-Environment-Water research infrastructure improvement. | 985108 | \$1,685,575 | 06/01/13 – 05/31/18 |

Michener, William

2013-2016 Western Center for Watershed Analysis and Visualization (WC-WAVE). NSF EPSCoR Track 2 award to G. Dana (Nevada), P. Goodwin (Idaho), and W.K. Michener. \$6,000,000.

2013-2018 Energize New Mexico. NSF EPSCoR award to W.K. Michener and M.J. Daniel. \$20,000,000.

2012-2013 Conceptualizing an Institute for Sustainable Earth and Environmental Software (ISEES). NSF award to M.B. Jones, P. Fox, C.B. Meyer, M.D. Schildhauer, and W.K. Michener. \$582,660.

2012-2017 USGS Earth Science Data Information. USGS Award No. G12AC20173. \$65,000.

College of University Libraries and Learning Sciences
Appointments and Separations
July 1, 2012 – June 30, 2013

Appointments:

Victor Law
Assistant Professor
August 13, 2012

Steven Koch
Lecturer III
June 24, 2013

Christine Sraha
Operations Manager
May 1, 2013

Emily Veenstra-Ott
Library Services Coordinator
August 27, 2012

Amy Vance
Administrative Coordinator
November 29, 2012

Lea Briggs
Administrative Coordinator
April 29, 2013

Frederick Walker
Library Info Specialist 1
September 18, 2012

Drita Choy
Library Info Specialist 1
September 24, 2012

Mary Blecha
Library Info Specialist 1
September 13, 2012

Separations:

Robert Olendorf
Assistant Professor
March 31, 2013

Frederick Walker
Library Info Specialist 1
May 31, 2013

Drita Choy
Library Info Specialist 1
May 31, 2013

Mary Blecha
Library Info Specialist 1
May 31, 2013

Dawn Karolkowski
Admin Assistant 3
June 9, 2012

Tanya Harris
Library Info Specialist 3
October 18, 2012

Charlotte Walters
Library Info Specialist 3
January 3, 2013

Rita Critchfield
HR Administrator 3
April 30, 2013

Katherine Gienger
Operations Manager
December 31, 2012

Ava Kargacin
Mgr. Library Operations
June 30, 2013