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BI-MONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

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Director's Update

In May, the Health Sciences Library and Informatics Center (HSLIC) hosted several colleagues, including librarians from UNM's Gallup branch, Carol Frick and Matt Cowles. The Gallup branch has students enrolled in various allied health programs, but no credentialed health sciences librarians and only a limited reference collection. Training provided by HSLIC library faculty will increase Gallup awareness of health sciences reference resources and will enable HSLIC to better serve statewide needs. HSLIC also hosted two associate fellows from the National Library of Medicine (NLM) in Washington, DC. These fellows visited HSLIC to investigate the potential of spending the second year of their NLM fellowship at UNM. As an approved host site, HSLIC would provide a year of mentoring and applied experience in leadership, informatics, and comprehensive library services.

This issue of *adobe medicus* profiles the work of an expanded unit in Library Services, Special Collections. This unit includes the New Mexico Health Historical Collection (see Page 3 for an article by archivist Peggy McBride on phytomedicinals) and a new service being developed in conjunction with construction of the HSC Education Building (see also Page 3 for an article by Laura Hall on the Hall of Achievement). As the Education Building begins to take shape, so will the Hall of Achievement and its educational services which will bring to life and public view the many facts and realia housed in Special Collections.

The next article on this page brings to the forefront a continuing dilemma of HSLIC, as well as every health sciences library. How do we best meet the expanding information needs of our students and faculty in a time when scholarly communications and its financial system are clearly dysfunctional and where the state funding system for higher education libraries has not yet caught up with this changing environment? The article by Christee King explains the decisions we have made. While this means unwelcome changes, I believe the need to take action and the rationale used are sound. We placed a priority on the following: 1) retention of content; 2) emphasizing the resources that the vast majority of our students will use at practice sites when they leave UNM; and 3) using the findings from two recent library customer surveys which indicated that their number one priority was electronic resources. I encourage you to read the full article so you will better understand the service and financial decisions we have made.

The next issue of *adobe medicus* will profile the PubMed system and the assistance HSLIC faculty can provide to you in making a transition from Ovid to NLM products. The issue will also summarize changes in our Document Delivery and Interlibrary Loan services and fees associated with them.

Holly Shipp Buchanan, MLn, MBA, EdD
Associate Vice President for Knowledge Management and IT

Retaining Content but Changing Providers: Changes to Library Electronic Resources

Anticipating a flat budget and a nearly 9% inflation rate for Fiscal Year 2005 (FY05), HSLIC has begun to make decisions about changes in electronic resources, which will affect all users of the library.

In FY05, the collections budget allocation will remain at its FY04 level of \$830,000. In FY04, however, the collections benefited from a one-time allocation of \$61,000 in General Obligation (GO) bond money. Moreover, journal and database price inflation of at least 8.9% is predicted in FY05 (*Library Journal*, April 15, 2004: 45).

To identify cost reductions that will enable us to provide resources within budget, the HSLIC Print and Electronic Resources Committee (PERC) analyzed the costs of all major databases and electronic journal packages. Our fundamental priority in making the decisions was to preserve access to as many e-resources as possible through the most economical method possible. In past surveys, users indicated that retaining and increasing access to electronic resources is their priority, and we are

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Students gather in HSLIC's 3rd floor study area, which houses the print journal collection. Photo by Barry Staver.

Collections Budget Continued from Page 1.

honoring that preference; however, some of the database interfaces to access these resources will have to change. We all will therefore need to adjust.

Product Changes	FY05 Cost Reductions
Medline access via PubMed instead of Ovid	\$ 7,200
CINAHL (Nursing/Allied Health Database) access via EBSCO instead of Ovid	\$ 5,000
Cochrane (EBM Database) access via Cochrane Library instead of Ovid	\$ 3,700
IPA (Pharmaceutical) access via EBSCO instead of Ovid	\$ 600
HAPI (Psychosocial Tools) – cancel Ovid access	\$ 1,100
Reduce Ovid licenses	\$25,000
Cancel print versions of Lippincott, Williams & Wilkins journals, and retain their online access through Ovid	\$35,000
Total Estimated Cost Reductions	\$77,600

The cost reductions PERC has made are listed in the Table above. These reductions will maximize the dollar value of resources by eliminating redundancies.

The remaining cuts, of approximately the same amount, will be accomplished by subscription cancellations and internal process modifications to reduce costs, such as binding.

Past Cost Reduction Efforts

Over the past several years, the Collection Resources Coordinator, library faculty selectors and PERC have worked hard to stretch the budget, while continuing to add new journals and databases. Techniques we have employed to date include:

- Participating in consortial purchasing
- Partnering with the UNM General Library
- Cost-sharing with HSC departments
- Reengineering book selection process for targeted collection development
- Selecting the most economical database interfaces
- Making annual legislative requests for budget increases

Through the cost saving measures described above and with the assistance of additional Health Science Center (HSC) funds, HSLIC added high-demand resources such as *Science Direct*, *UpToDate*, the *Red Book* online and the *Natural Medicines* database.

Bottom Line

The inflation rate in medical publishing has far surpassed the HSLIC collection budget. Since 1992, the inflation rate for medical journals has totaled 105%, but the HSLIC journal budget has increased by just 27%. Likewise, since 1992, medical books have seen a 72% inflation rate, but the book budget has increased only 39%.

Some dramatic examples of inflation include a 1000% increase in the cost of a site license for the electronic version of *New England Journal of Medicine* (from \$500 in FY03 to \$5000 in FY04), and the increase of \$9,900 in 2004 for *JAMA* and the nine AMA Archives titles.

The HSC Vice President's office has provided relief as funds have allowed, including increasing the FY04 journal budget by \$100,000. Also in FY04, the state funding formula was changed, resulting in the library's receipt of a \$14,000 adjustment for inflation.

For more information, or if your department would be willing to cost-share with the library, please contact Christee King, Coordinator of Collection Resources, 272-0640, or cking@salud.unm.edu.

Christee King, MLS, AHIP
Coordinator, Collection Resources

Movin' In and Movin' Up

We reap the benefits of the time **Pat Bradley, MLS**, took developing relationships in the Four Corners area when she worked on a Gates Foundation health information outreach project out of the University of Washington. As the Academic and Clinical Services **Visiting Lecturer and Tribal Liaison Librarian** for the Tribal Connections Four Corners project, Pat will organize outreach librarians at the University of Arizona, University of Utah, and University of Colorado to do a consumer health information needs assessment and health care provider training. Her "Go Local" project will add links to locations of Four Corners health resources from certain categories in MedlinePlus. She will be able to use her twenty-two years of experience as an Indian Health Services librarian in Gallup and her MA from the University of Arizona School of Information Resources and Library Science to full advantage. Pat's telecommuting, traveling, and teleconferencing brings up a time issue—not the lack thereof, although that's also true—but scheduling for different time zones due to whether and when each state or tribe accepts Daylight Savings Time. At home in Albuquerque, it's always time to pet her two rescued, very furry cats.

Ken Crabb, TECHS User Support Analyst III, provides the Cancer Research and Treatment Center (CRTC) with PC desktop and critical clinical systems support, and sometimes, with comic relief. He earned his work experience in the Army and as a PC technician at University Hospital. His sense of humor has certainly grown while living with three teenagers, and they are a true North Campus family as Ken's wife works in the University Hospital business office. Ken found his recent task of upgrading IPAC, a radiological oncology treatment system, challenging and interesting.

Laura Hall is uniquely qualified for her involvement, as HSLIC's new **Senior Program Manager**, in the development of the HSC Sculpture Garden of Healing and the Hall of Achievement. You may already have met Laura in her previous position as Assistant to the Vice President for the Health Sciences Center, R. Phillip Eaton, MD. She earned her Master of Fine Arts from the School of the Art Institute of Chicago by focusing on sculpting—installation artwork—expressing the interactions people have, or don't have, with nature. Her concern with that issue grew from living in Chicago and observing the greater emotional distance from the natural world that people in a large city seemed to have. Want to know more about the HSC Hall of Achievement? Read Laura Hall's column in this issue of *adobe medicus*.

Sally A. Bergen, MLN
RUSS Manager of Library Operations (Days)

Planning the Hall of Achievement

Planning of the UNM Health Sciences Center's (HSC) Hall of Achievement is well underway. This exciting new program will pay tribute to some of the most noteworthy scientific discoveries and developments that have occurred here at the HSC. The Hall of Achievement will exhibit, in a museum-type setting, major HSC achievements and milestones in education, research, clinical care and partnerships. The purpose of this project is to promote an awareness of the HSC's rich history and accomplishments so that our constituents may draw strength and perspective from the past while recognizing new challenges for the future.

The Hall of Achievement is the newest component of HSLIC's Special Collections division, which also houses the New Mexico Health Historical Collection, Oral History Program and Native Health Databases. These programs are well established, providing excellent resources that uniquely position the Hall for success.



Conceptual rendering of the Hall of Achievement.

The exhibit areas for the Hall will be located in the lobby and public spaces of the soon to be built Health Education Building. In order to promote the most efficient use of HSC resources, the amenities portion of the Health Education Building, including the Hall of Achievement, will be built during the construction of the new HSC Research Building. Construction is expected to begin early in 2005 with completion in the spring of 2006. At that time, we hope to celebrate the HSC's many accomplishments with the opening of the Hall.



Rendering of the HSC Health Education Building.

We invite you to participate in our planning efforts by sharing your experiences with the HSC and any stories or achievements you would enjoy seeing highlighted in one of our future exhibits. Please send your comments and suggestions to me at ljhall@salud.unm.edu.

Laura Hall, MFA
Special Collections, Senior Program Manager

Phytomedicinals

Historically most medicines were plant-based, and their uses passed down from generation to generation. With the advent of printing, oral traditions became the basis for written works about the efficacies of herbal medicines for common complaints. Today researchers again are interested in phytomedicinals, plant-based or herbal medicines, for the development of new drugs. Plant-related discoveries this past century included taxol from the Pacific Yew for use as an anti-cancer drug; vincristine and vinblastine from the rosy periwinkle, used in the treatment of childhood leukemia; artemisinin derived from *Artemisia annua* for use in the treatment of chloroquine-resistant malaria; and galanthamine, from the bulbs of snowdrops and daffodils, used in the treatment of dementia. HSLIC's New Mexico Health Historical Collection (NMHHC) contains many examples of materials pertaining to plant-based medicines from rare books to current works.

One place to find materials about herbal medicine is the New Mexico/Southwest Collection, which is a component of the NMHHC. Housed in the NMHCC, Room 223, this diverse group of monographs and reports relating to regional health and healthcare has many works that pertain specifically to plants and their uses as medicinals. *Healing Herbs of the Upper Rio Grande* by L.S.M. Curtin, first published in 1947, discusses the importance of medicinal plants throughout history and to New Mexico. This volume lists each herb by its Spanish name, with common English and botanical equivalents and includes a physical description of the plant as well as a brief discussion of its common use(s).



Sample illustration from *Medical Botany*.

Another example from the NMHCC collection is *Medical Botany: Containing Systematic and General Descriptions, with Plates of All the Medicinal Plants* by William Woodville, M.D., F.L.S., published in parts between 1790 and 1793, a work popular with the general public as well as with the medical community. In fact, Thomas Jefferson recommended the book be included in the University of Virginia's new library established in 1828. The NMHHC owns all four of the volumes.

These books and others are listed in the library's online catalog. Those titles housed offsite in the Annex may be requested for use in the New Mexico Historical Collection, Room 223 using a webform, "Request Historical Collection Items," that can be found on the library's website at <http://hsc.unm.edu/library/catalog.shtml>. You are welcome to trace the history of plant use using the NMHHC, which is open to the public on Tuesday and Thursday from noon until 5:00 pm or by appointment Monday, Wednesday, Friday, and Saturday. Please contact the Archivist if you have questions relating to these materials: archivist@salud.unm.edu or 272-8873.

Peggy McBride, MLIS
Archivist

Medical Informatics Fellowship Program Update

This fall, HSLIC's medical informatics fellowship reaches another milestone as Randy Stewart, M.D. begins a mentored research project on the reaction of psychiatric patients to the use of computers for clinical documentation.

This will be the first study evaluating the effects of using computers for clinical documentation solely within the psychiatric patient population. Numerous studies dating to at least the 1980's have led to the prevailing view that computerized documentation does not change overall patient satisfaction. None of these studies, however, have looked specifically at psychiatric patients, and there are reasons to suspect that the psychiatric population may respond differently. Among these are the stigma associated with mental illness paired with the fact that computerized charting leads to increased concerns about confidentiality. Another reason is the change in physician's communication style that results from the use of clinical computers. This, paired with the almost exclusive use of verbal communication for psychiatric diagnosis and treatment evaluation, may significantly change patient satisfaction or psychiatric outcomes.

The Department of Psychiatry has been working towards a Behavioral Health-specific electronic medical record since 2002. While over 100 Electronic Medical Record (EMR) Systems are commercially available, the Health Sciences Center found fewer than a dozen that met specific Behavioral Health needs. After submitting a request for proposals, a system developed by Duke University specifically for Behavioral Health was chosen. Though not a commercial product, the Duke system was in advanced stages of development and offered a middle-of-the-road option between purchasing a commercial product and developing a custom system. The new system is scheduled to begin operation later this fall.

Randy Stewart, MD
Visiting Assistant Professor, HSLIC

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