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BIMONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

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Vol. 35, No. 5
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From HSLIC's Executive Director

New position to support eScience

As a next step toward supporting eScience, I am very pleased to announce our decision to expand our Biomedical Informatics (BMI) program by adding a second full-time faculty position. The person selected for this position will join Dr. Philip Kroth, HSLIC's Director, Biomedical Informatics Research, Training and Scholarship, who oversees our postdoctoral BMI fellowship program.

This new position will provide input into the development of organizational data standards and policies that will foster better data management practices. The incumbent also will develop an extramurally funded research portfolio in BMI, partnering with investigators at UNM and other institutions to form novel interdisciplinary collaborations that leverage HSLIC's unique resources and faculty.

The position was created from existing library and technology funding and demonstrates our shared commitment to this exciting initiative. I expect the position to be posted shortly and request that you promote it to colleagues you may have in this area.

Holly Shipp Buchanan, MLn, MBA, EdD, FMLA, AHIP
CIO, Administration and Academic Systems
Executive Director, HSLIC
Professor, School of Medicine

HSLIC displays new exhibit



"Bernalillo County Health Department Health Mobile, circa 1920." This photo is from the private collection of Dr. J.E. Harris and was published in the *Valencia County News* on August 6, 1970. It is featured in HSLIC's "100 Years: Celebrating New Mexico's Health" exhibit.

On October 3rd, HSLIC will open a new exhibit, "100 Years: Celebrating New Mexico's Health." It will be displayed in the Domenici Center auditorium lobby through August 2013.

In conjunction with the exhibit's opening, HSLIC will host a reception for health care practitioners, friends of the library and other visitors in the Domenici Center's lobby auditorium on October 3rd from 4 to 6 p.m. Everyone is welcome to attend; refreshments will be served.

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Continued from p. 1—HSLIC displays new exhibit

“This exhibit spans the past century and presents stories about major developments in health that have shaped New Mexico’s history,” said exhibit curator Laura Hall, MFA. Topics include state public health officials’ first call into action in addressing the Spanish influenza outbreak of 1918; the tuberculosis sanatorium movement; and developments in maternal care, including midwifery, during the 20th century.

The reception will feature a viewing of five short films produced by the Department of Health between 1935 and 1938. The films are held in the New Mexico State Archives and document the care of New Mexicans during an important time in our history. “In the 1930s, New Mexico’s public health programs were beginning to set the standard for others to follow,” Laura explains. “The 1935 film *Malaria in New Mexico* highlights the latest methods used at that time to control the spread of malaria. According to one federal official, New Mexico’s dusting operation was the most extensive in the world.” Other films to be viewed at the reception include *Community Sanitation in New Mexico*, *A Well Baby Home Visit*, *Materials Carried in the New Mexico Public Health Nurse’s Bag* and *Sanitary Improvements in New Mexico*.

Sponsors for the “100 Years” exhibit and reception include the New Mexico Medical Society, the UNM College of Nursing, the UNM Foundation and the HSC Office of Diversity.

For more information about the exhibit or program, please contact Laura Hall, exhibit curator, at (505) 272-6518 or LJHall@salud.unm.edu. To RSVP for the reception, contact Libbye Morris at (505) 272-6975 or LAMorris@salud.unm.edu.



“On the Grounds at Valmora Sanatorium” is from the Gellenthien Collection in the New Mexico Health Historical Collection, 1910.

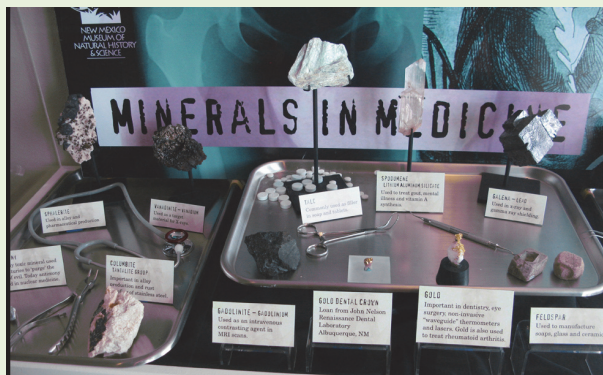


“Mother and Child” was taken by John Collier in January 1943 at the clinic operated by the Taos County Cooperative Health Association in Questa, New Mexico. It is available at <http://www.loc.gov/pictures/item/owi2001019877/PP/>.

Minerals exhibit opens

HSLIC’s “Minerals in Medicine” exhibit features several beautiful and useful minerals such as antimony, gold, spodumene and cinnabar (mercury).

The exhibit, which will be on display in the Domenici Center’s auditorium lobby through February 2013, is on loan from the New Mexico Natural History Museum.



AMIA specifies core competencies for graduate students

In an article published in the *Journal of the American Medical Informatics Association* in June, the American Medical Informatics Association (AMIA) presented a consensus definition of biomedical informatics (BMI) and specified individual core competencies that students in the BMI field should be expected to master.

Philip Kroth, MD, MS, HSLIC's Director, Biomedical Informatics Research, Training and Scholarship, is a member of one of the AMIA committees that has worked on this effort over the past several years. Dr. Kroth serves as an Associate Chief Medical Information Officer for the UNM Hospitals and is an Associate Professor in the UNM School of Medicine. "This is the first really credible stake in the ground defining a national standard for BMI competencies at the graduate level," Dr. Kroth noted. "I am planning to review the competencies for our BMI fellowship, as well as the competencies for our BMI courses in the Clinical and Translational Science Center, to see how well they map to this new national standard. If there are significant gaps, this kind of analysis will provide a framework for considering updates or revisions to our 'local' competencies."

In the article, titled "AMIA Board White Paper: Definition of Biomedical Informatics and Specification of Core Competencies for Graduate Education in the Discipline," the authors said educational programs can use the competencies to position their curricula and course offerings as they apply for funding, develop marketing materials or evaluate the performance of their graduates.

An AMIA committee decided on the following "brief consensus definition" of biomedical



Phil Kroth, MD, MS, consults with Shamsi Daneshvari, PhD, HSLIC's current Biomedical Informatics Fellow.

informatics: "Biomedical informatics (BMI) is the interdisciplinary field that studies and pursues the effective uses of biomedical data, information, and knowledge for scientific inquiry, problem solving, and decision making, driven by efforts to improve human health." The definition is complemented by four corollaries ("scope and breadth of discipline," "theory and methodology," "technological approach" and "human and social context") that refine the explanation of the field's characteristics.

The core competencies in BMI define the expected competencies of graduate BMI students in those four corollaries and in "fundamental scientific skills." It is up to each BMI program to tailor the curriculum according to each student's background.

If you want to read the entire definition, including all of the corollaries and core competencies, the article is available here:

http://jamia.bmj.com/content/early/2012/06/20/amiajnl-2012-001053.full?ga=w_bmj_bmj-com.

For more information, contact Dr. Kroth at PKroth@salud.unm.edu or (505) 272-6397.

HSSB 105 now a testing center

At the request of the Health Sciences Center (HSC) education deans, Room 105 in the Health Sciences and Services Building (HSSB) has been established as a testing center for HSC.

The tables and chairs are new and provide table seating for 68, with 25 additional chairs available. The instructor equipment has been upgraded to include a document camera, a new projector and screen, and a new touch-screen operating system. Wireless access is being upgraded so that the room can accommodate test takers' laptop computers and mobile devices. A new classroom on wheels (COW) containing 40 new laptops is available for use in HSSB 105.

Testing for classes, Graduate Medical Education (GME) and other HSC programs is now the priority use for HSSB 105; meetings and classes are scheduled only if there is no possibility of conflicting with scheduled exams. You can request room and COW reservations by sending an email to hslicreservations@salud.unm.edu. For questions about the room and equipment, call HSLIC's Service Point at (505) 272-2311.



Service Point Coordinator Dick Carr, MLS, AHIP, and User Support Analyst 3 Richard Saavedra are shown with HSLIC's Classroom on Wheels (COW) in HSSB Room 105.

GroupWise® 2012 upgrade is under way at HSLIC

The HSLIC and UNM Hospitals GroupWise® support teams are working to prepare the “Salud” GroupWise® system for the latest version of GroupWise®. They anticipate upgrading the Salud email servers from GroupWise® 8 to GroupWise® 2012 before the end of December.

“This most recent release of GroupWise® includes enhancements to the Web Access interface to make the user experience more similar to the full GroupWise® client,” said Tom Sanford, HSLIC’s Manager of Information Services. “It will also ensure better support for direct connections from iPads and improved ease of use for calendaring functions such as busy searches and access to proxied calendars.”

The teams are upgrading to GroupWise® 2012 in anticipation of future enhancements that will provide co-existence (cross-system calendar busy searches and a shared address book) with the new Main Campus LoboMail (Exchange) system. Look for more information in December 2012 as we get closer to implementing the upgrade.

Did you know?

As of June 30, 2012, “Mobile device configuration” was the most-visited page in HSLIC’s online Service Catalog (available under the “Services” tab on HSLIC’s home page). That page received more than twice as many hits as the next-visited page, “GroupWise ‘salud’ Email.”

HSC faculty and staff publish and present

Dale C. Alverson, MD, Professor Emeritus of Pediatrics and Regents' Professor, gave a series of talks on various aspects of telehealth and health information exchange to improve access to the right care, at the right time and right place, aimed at improving health and reducing costs, using a spectrum of information and communication technologies.^{1,2,3}

Jason Bengtson, MLIS AHIP, published two articles recently. The first, titled "Preparing for the Age of the Digital Palimpsest," was published in *Library High Tech* and describes the problem of erased and partially overwritten digital document recovery as an Information Science issue.⁴ The second, titled "The Art of Redirection: One Library's Experiences and Statistical Results from the Deployment of Mobile Redirect Script," was published in the *Journal of Hospital Librarianship*.⁵ The article describes HSLIC's efforts to automatically redirect mobile devices to the mobile web page, including the script used to do so. Mr. Bengtson also gave a talk via webcast to the North Carolina Chapter of the Special Library Association titled "The Evolution of the Web: From Static to Semantic in Three Big Steps."⁶

Jon Eldredge, PhD, MLS, was a co-author among a group from UNM's School of Medicine that presented a paper at the International Association of Medical Science Educators Annual Meeting in June in Portland, Oregon. The group reported on a new approach to assessing students' developmental progression in a Problem-Based Learning (PBL) curriculum.⁷ Dr. Eldredge also was the lead author on a paper published in the *Journal of the Medical Library Association* on a new Medical Library Association research agenda.⁸

Laura Hall, MFA, participated in a panel discussion regarding one of HSLIC's historical collections, "Changing Public Health Approaches in Work in Spanish-Americans, New Mexico Rural Health Survey, 1958–1963," at the joint annual meeting of the National Association of Government Archives and Records Administrators and the Council of State Archivists in Santa Fe on July 20.

Sarah Morley, MLS, AHIP, and **Ingrid Hendrix, MILS, AHIP**, published an article in the *Journal of the Medical Library Association* that describes a medical-school elective focused on developing students' skills in understanding the information environment and scholarly communication.⁹ Sarah and Ingrid also presented a four-hour School of Medicine Teacher & Educational Development (TED) faculty development workshop intended to help faculty educators guide learners with their ability to locate, access, evaluate and manage information.¹⁰

¹ Alverson DC. The future of telemedicine: Elevating virtual health to the next level—"The perfect storm." World Congress Leadership Summit on Telemedicine 2012. Boston, MA, 26–27 Jul 2012.

² Alverson DC, as part of a panel roundtable discussion on broadband in New Mexico. Statewide Broad Band Summit 2012. Fast Forward New Mexico, Albuquerque, NM, 3 Aug 2012.

³ Alverson DC, as part of a panel on legal issues and telemedicine. American Bar Association section on science and technology law, ABA Annual Conference 2012, Chicago, IL, 4 Aug 2012.

⁴ Bengtson, Jason. Preparing for the age of the digital palimpsest. *Library Hi Tech* 30.3 (2012).

⁵ Bengtson, Jason. The art of redirection: One library's experiences and statistical results from the deployment of mobile redirect script. *Journal of Hospital Librarianship* 12.3 (2012).

⁶ Bengtson, J. The evolution of the web: From static to semantic in three big steps. Webcast presented to the North Carolina Chapter of the Special Library Association. 10 July 2012.

⁷ Orlando R, Mitchell S, Richter D, Eldredge J, McCarty T, McGuire P, Morrison A, Rao D. A new approach to assessing students' developmental progression in a problem-based learning curriculum. International Association of Medical Science Educators Annual Meeting, Portland, OR. 23–26 Jun 2012.

⁸ Eldredge JD, Ascher MT, Holmes HN, Harris MR. The new Medical Library Association research agenda: Final results from a three-phase Delphi study. *J Med Lib Assoc*. 2012 Jul; 100 (3): 214–8.

⁹ Morley SK & Hendrix IC. Information survival skills: A medical school elective. *J Med Lib Assoc*. 2012 Oct; 100(4):297-302.

¹⁰ Morley SK & Hendrix IC. Navigating the information maze: Resources for teaching and assessing informatics skills, 16 Aug 2012, Albuquerque, NM.



Faculty librarians Sarah Morley (l) and Ingrid Hendrix are shown with Ingrid's service dog, Fenn.

One of HSLIC's own: Jason Bengtson, a technologist/librarian



Jason Bengtson is the embodiment of HSLIC's new dual-function (library and information technology) Service Point—he is a faculty librarian with an MLIS degree, and he enjoys discovering technologies that can help the library serve its constituents better.

Jason grew up in Iowa and joined HSLIC two years ago. He is HSLIC's Emerging Technologies/Research & Development Librarian.

As a faculty librarian, Jason conducts literature searches, instructs Health Sciences Center (HSC) students on how to use various library resources and manages the HSLIC building on Saturdays. He serves as an Envoy to the Department of Radiology and the Department of Cell Biology and

Physiology. He also does most of the web authoring and revisions for Reference & User Support Services (RUSS), and he created a collection of high-quality subject guides, which are among those that can be found through "Quick Links" on the HSLIC home page.

Jason has taken the lead on developing HSLIC's LibGuides tool, a content management system for information subject guides. Using web coding he taught himself, he has built several custom search boxes that faculty can add to their LibGuides. Since joining HSLIC, he has published seven articles, and two more have been accepted for publication.

With a B.A. degree in English and a master's degree in library and information science (MLIS) from the University of Iowa, Jason is now pursuing a second master's degree from UNM in literary studies.



Emerging Technologies/R&D Librarian Jason Bengtson teaches School of Medicine faculty how to use HSLIC's resources.

HSLIC participates in UNM Health Fiesta

HSLIC participated in the Health Fiesta at UNM on September 14. The focus of the exhibit was MedlinePlus.gov. HSC staff, as well as medical, pharmacy and nursing students stopped by. "Most had never heard of the resource and seemed happy to know that it was available and an alternative to Google and Wikipedia," noted Gale Hannigan, Ph.D., Special Projects Librarian. Faculty librarians Dick Carr and Pat Bradley assembled a display for the event.



Moving in/moving up



Craig Conger has joined the Technology Support Group as a User Support Analyst 3 for the Department of Pediatrics. He provides user support, technical assistance, training, and problem analysis and resolution. Craig, who hails from Los Angeles, just moved to Albuquerque after spending the last 10 years as a support technician for Vanderbilt University in Nashville. He holds a B.S. degree in computer science from the University of California at Irvine, and he is a Dell-certified and Microsoft-certified systems engineer.

Aaron Douglas has been promoted to Technical Support Analyst 3. He provides updates, maintenance, workflow automation and service integration for Help.UNM, UNM's campus-wide system for computer help and other IT service requests. Previously, as a Technical Support Analyst 2, Aaron was responsible for advanced Windows configuration and image maintenance and updates, and he served as the Help.UNM technical lead. Before joining HSLIC, he worked for UNM's Division of Dental Services and Department of Surgery. Aaron's B.A. degree in computer science is from American Intercontinental University, and he is a Dell-certified systems engineer.



Antoinette Martinez's position was recently reclassified to Accountant 3. "After two years of taking on additional functions, supervision, duties and responsibilities, we worked with HR this past spring to get her to a title that more accurately reflected her work load," said Marcia Sletten, Business Services Manager. "Antoinette's dedication and hard work reflect the University values and have made her a great asset." Antoinette has been with HSLIC for almost four years and with the University for seven.

CIO, Administration & Academic Systems; HSLIC Executive Director:

Holly Shipp Buchanan, MLn, MBA, EdD, FMLA, AHIP

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Do you have ideas for how we could improve this publication? Please send us your feedback:

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Medical student Dan Quan receives first stethoscope, white coat

This summer, first-year medical student Dan Quan received his first stethoscope and white coat from HSLIC faculty. For the past three years, HSLIC has participated in a program that the School of Medicine's Alumni Association, Khatali, initiated. Through the program, individual donors can donate funds to sponsor incoming students with their first white coat and a gift certificate for a stethoscope.

"The gift of the white coat and stethoscope truly represents how supportive the UNM community is of its students," Dan said. In his thank-you letter to HSLIC, he said, "I will wear my white coat and stethoscope proudly throughout my medical career. I hope to one day sponsor a medical student such as you have." Dan plans to specialize in pediatrics or neurology. We congratulate him and wish him well in his studies.

To learn more about how you can support School of Medicine students, contact Morris Albert, Director of Alumni Relations for the UNM School of Medicine, at MAAlbert@salud.unm.edu or (505) 272-3748.



First-year medical student Dan Quan.

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