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BIMONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

From HSLIC's Executive Director

This issue is filled with numerous examples of HSLIC's collaboration with partners across the HSC (e.g., the new HSC email service, recently named "HSCLink," and defibrillator installations in HSC buildings), with main campus (e.g., HSLIC's PC donation to the CARC Galles Beowulf high-throughput cluster), and with external partners (e.g., various tribal libraries in New Mexico).

Another important HSLIC partnership is with the Interprofessional Healthcare Simulation Center (IHSC). HSLIC provides administrative support for the facility and works with faculty from Medicine, Nursing and Pharmacy to develop simulation and interprofessional programming.

This collaboration was recognized this fall when staff from the New Mexico Higher Education Department (NMHED) toured the Domenici Center, including the IHSC, and subsequently commended HSLIC for "all the great achievements." NMHED staff also had an opportunity to view HSLIC exhibits and understand the important role of HSLIC archives (see related article on p. 3) and expressed thanks and appreciation: "The '100 Years: Celebrating New Mexico's Health' exhibit was an interesting perspective of the developments in health that helped shape our state's history."

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

Wireless-service upgrade improves capacity and access

Dick Carr, MLS, AHIP—Coordinator, Reference & User Support Services

Wireless access is a vital aspect of HSLIC's infrastructure, so we are happy to announce that the library's wireless system was thoroughly upgraded and strengthened in early November.

Existing wireless access points (WAPs) were replaced, and 16 additional WAPs were installed. The wireless capacity has been greatly increased, and the installation of the additional hardware has resulted in a significant improvement in wireless access throughout the building, including in group study rooms. This upgrade will enhance study, research and collaboration throughout the HSLIC building.

We have two wireless networks: "secure" and "guest." The *guest* network is similar to the wireless network in a coffee shop that you use for personal email or social media. It provides an Internet connection for anyone entering the building, whether UNM-affiliated or not, and provides access to some but not all library resources. The *secure* network is the wireless equivalent of a wired on-campus connection and requires a NetID and password. The secure network provides access to all licensed library resources, to file shares (home drive) and to materials, such as patient information, that must be secured.

NLM grant to fund Native Health Database update and promotion

Patricia Bradley, MLS, AHIP—Native and Distance Services Librarian

Recently, HSLIC received $35,000 from the National Library of Medicine (NLM) to update and promote the Native Health Database (NHD). HSLIC developed NHD 20 years ago to provide information for the benefit, use and education of organizations and individuals with an interest in health-related issues, programs and initiatives relating to North American indigenous peoples in the United States and Canada. What makes NHD unique is that as you search the database for information, you can limit retrieval of that information by tribe.

NLM funding enables HSLIC to conduct a comprehensive review of the database and to implement updates and improvements, both to the database itself and to the user interface. Equally important was funding to support increased awareness and use of the database.

As part of this initiative, Native and Distance Services Librarian Pat Bradley recently delivered PCs to the Laguna Public Library, Pueblo of Pojoaque Public Library, Jemez Pueblo Community Library and Navajo Technical University Library. She also provided them with promotional information about NHD and the NLM's exhibit titled "Native Voices: Native Peoples' Concepts of Health and Illness." The exhibit is located in the rotunda gallery of the National Library of Medicine in Bethesda, Md. It explores how wellness, illness and cultural life are connected for Native Americans, Alaska Natives and Native Hawaiians.

We encourage you to explore the Native Health Database at https://hscssl.unm.edu/nhd/ and let us know what you think.

Library's PC donation helps research center reach milestone

HSLIC recently donated 25 older PCs that were destined for surplus to the UNM Center for Advanced Research Computing (CARC). Because of the donation, CARC's "Green" Galles Beowulf cluster has reached a milestone of 200 nodes.

A Beowulf cluster, also known as a high-throughput cluster, is an assembly of stand-alone computers without monitors, connected via standard 1 Gb ethernet. The Galles cluster at CARC is deployed on inexpensive bakers' racks purchased on eBay. By connecting individual machines as a single, larger cluster, they are easily administered as a single unit and can be used in concert to perform large-scale science and engineering computing tasks. For example, a scientist needing to run many duplicate instances of a single program for a parameter study could deploy 200 independent instances of the code and run them simultaneously, rather than running all 200 instances serially on a single machine, thus obtaining a 200x effective speed-up in time-to-solution.

"We are extremely grateful to HSLIC for providing the final 25 machines needed to reach the milestone of 200 systems for our Beowulf high-throughput cluster," said Prof. Susan R. Atlas, PhD, CARC Director. "The cluster is being used this semester for classes on numerical mathematics and 'big data' computing with Hadoop and to deploy high-throughput genomic analysis pipelines for UNM Cancer Center research. The HSLIC expansion will allow us to keep pace with growing demand for this important computational resource at CARC."

Service agreement allows HSLIC to digitize Valmora Sanitorium images

Gale Hannigan, PhD, MPH, AHIP—Research Professor

A $25,000 award from the federal National Network of Libraries of Medicine (NN/LM) will enable HSLIC to digitize 350 items in the Valmora Sanitorium collection. The Digital Preservation Award Project, titled "Chasing the Cure in Well Country: The Carl H. Gellenthien Collection of the Valmora Industrial Sanatorium, 1909–1992," will take several months to complete. NN/LM is a subcontractor of the National Library of Medicine.

With the award, HSLIC will digitize selections from the Carl H. Gellenthien Collection of the Valmora Industrial Sanatorium, a unique archive housed in our New Mexico Health Historical Collection.

The collection chronicles the history of Valmora, which was established at the height of the tuberculosis sanatorium movement, and documents more than 80 years of health care in Mora County, New Mexico. In the collection, you can find information about the daily life of patients and staff, as well as depictions of life in rural New Mexico during the early and mid-20th century.

Valmora is particularly interesting because it was a nonprofit sanatorium for the employees of corporate members, including the *Chicago Daily News*, International Harvester Co., Marshall Field, and Sears, Roebuck and Company. At Valmora, working people had access to the kind of tuberculosis care that had been available only to the wealthy.

Dr. William Brown, founding medical director of the Valmora Industrial Sanatorium, in front of patient cottages, circa 1916.

The Valmora Industrial Sanatorium was a somewhat self-sufficient community with a hospital, patient cottages, dining hall, laundry, general store, post office, recreation center and theater. Valmora also managed a dairy herd, poultry farm and vegetable gardens.

The collection includes annual reports; construction files; research information; supply, library and drug inventories; personal correspondence; newspaper clippings; research notes; manuscripts and publications; photographs; brochures; postcards of the facilities; sanatorium newsletters; and portraits.

The goal of the project is to digitize, catalog and make freely available via the web items selected from the collection that have historic value and contribute to telling the story of Valmora in the context of the sanatoria movement in the American Southwest.

For more information, or to use the collection, contact Laura Hall at (505) 272-6518 or LJHall@salud.unm.edu.

Dr. Standering, staff physician, in his office and examination room at Valmora, circa 1916.

Information Security Matters: A column from our security team

Barney Metzner, HSC ISO, working with Gayle Shipp, HSLIC Security Analyst.

Barney Metzner, CISM—HSC Information Security Officer
Gayle Shipp, CISA—HSLIC IT Security Analyst

What do ransomware, prospect theory and file backups have in common? Let's start with ransomware. Let's say that a very enticing spam message, offering a refund for travel expenses, makes it through the spam filters. Given the potential gain, a percentage of recipients open the attachment. This new twist on a well-known criminal act proceeds to encrypt files stored on the local hard drive and on shared network storage. The email says that to get the key to unlock the encrypted files, you must pay a ransom of $300.

Only a small percentage of spam messages makes it through the spam filters. When messages make it through, you must evaluate them and decide whether or not to click on links or open attachments. According to *prospect theory*, people value gains and losses differently and, as such, will base decisions on perceived gains rather than perceived losses. Thus, when people are given two equal choices, one expressed in terms of possible gains and the other in terms of possible losses, they tend to choose the former. Spammers depend on this fact and offer you a choice that appears to result in a gain. By recognizing that their offer includes the possibility that you might lose your files, it will make it easier for you to say no to clicking on a link or opening an attachment.

File backups are for those situations when we assume the best, act on instinct and need a safety net. Disaster planning in the world of computers means backups. Network drives are backed up, but often local drives are not. Contact IT Security if an email message really has you thinking there is a gain to be had. Most of us never win the lottery, but we all know how tempting it is to try.

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To get help with a security issue: HSLIC Service Point, (505) 272-1694

For HIPAA Security Rule questions or to schedule a consultation with the Information Security Office:
Barney Metzner, (505) 272-1696 or BMetzner@salud.unm.edu

Defibrillator installed in library

In the most recent issue of *adobe medicus*, we reported that the Health Sciences Center purchased seven automated external defibrillators (AED). Since then, one of those AEDs has been installed at the HSLIC Service Point on the library's main floor. It is attached to the wooden cabinet behind the desk and is clearly visible for staff or library visitors. An alarm will sound if you open the door to remove the AED. There is a key in the Service Point key drawer that disables the alarm.

According to an October 2013 article in *The Journal of the American Medical Association*, a nationwide effort to promote CPR in Denmark appears to have boosted survival rates for people who went into cardiac arrest in non-hospital locations. The research has implications for other countries as well.

Introducing "HSCLink," HSC's new Outlook desktop email client

Sally Bowler-Hill—Program Operations Director

HSLIC's Information Technology (IT) staff, in conjunction with other HSC IT departments, is completing the design of the new Microsoft Exchange with Outlook 2013 desktop email client, which the email Steering Committee has named "HSCLink." HSC Link will be the official HSC-wide communication service for all HSC business once it is launched in the spring of 2014. HSC, UNM Hospitals, the UNM Medical Group and Sandoval Regional Medical Center will begin using Outlook instead of GroupWise, our current email and calendar program. Here are seven things you need to know about the transition:

1. The new email and calendaring system is called "HSCLink."
2. The Health Sciences Center will move to the new system beginning in April 2014.
3. HSCLink will use Microsoft Exchange with the Outlook 2013 desktop email client. We will move completely out of the GroupWise environment, except for instant messaging. You can use Outlook 2013 without having Microsoft Office 2013 installed on your computer.
4. You will not need to change your email address. All @salud.unm.edu, @unmmg.org and @srmc.unm.edu email addresses will stay the same.
5. We will notify you individually via email, well in advance, with the date when your email account will be moved to the new system. We will include instructions about anything you need to do during the transition. We also will offer training on Outlook 2013 before we go live to let you know how the functions in GroupWise and Outlook compare. We will provide one-on-one, classroom and online training, as well as tip sheets.
6. All users' mailboxes will be moved at once.
7. Archives of older email and calendar entries you keep on your hard drive or on shared network files will be moved eventually. You will be able to access GroupWise for a while so that you can view your archives until they are moved.

If you have questions, please visit the project website at http://hsc.unm.edu/email.

HSC IT departments redesign self-service interface for help tickets

Rick Adcock—Manager, IT Technical Support

Health Sciences Center (HSC) Information Technology (IT) departments, including HSLIC's Technology Support group, recently completed a redesign of the self-service interface for the new Help.HSC tool for entering help tickets. The new self-service tool features easy-to-find services and a streamlined method for submitting service requests. On August 26th, everyone in the HSC community, including UNM Hospitals, Sandoval Regional Medical Center and the UNM Medical Group, began using Help.HSC instead of Help.UNM to request IT services and report IT incidents.

A convenient new HSC Business Card feature allows you to add your specific location and alternate contact information, which will be stored in the system for all future requests. You can track and edit requests and respond to IT staff through this interface. Also, a number of common request items are included in the interface, so it now takes less time to submit a request. To access Help.HSC, please go to https://help.health.unm.edu and sign in using your HSC NetID and password.

Movin' in/movin' up

Matt Cuellar has joined the HSLIC Systems Group as a Systems Analyst 2. He creates accounts for new users and manages the access they receive to shared folders. One of his primary objectives is to update, or patch, applications that are installed on HSC computers. Matt comes to HSLIC from UNM's Department of Obstetrics & Gynecology, whose tech needs he supported for three and a half years. He earned his Bachelor of Fine Art from NMSU, specializing in photography and graphic design. He has certifications in CompTIA A+, Network+, and Security+, ITIL and SANS GIAC Security Essentials. He and his wife, Ashley, have two cats. He grew up in Las Cruces, N.M., and moved to Albuquerque so that Ashley could work on her Ph.D. at UNM. When he's not working, Matt enjoys bike rides, learning more about computers, playing video games and working on art projects.

Alicia Garcia has joined the Technology Support Group as a Technical Support Analyst 2. Alicia is taking over the reins from Ed Aalseth, who retired recently, in supporting technology in classroom spaces.

Alicia comes to us from CNM, where she was managing classroom audiovisual components for the west-side campus.

Alicia is from southern New Mexico and moved to Albuquerque to pursue her degree at UNM. She has a BA in media arts. In her free time, she enjoys spending time with her family and cooking.
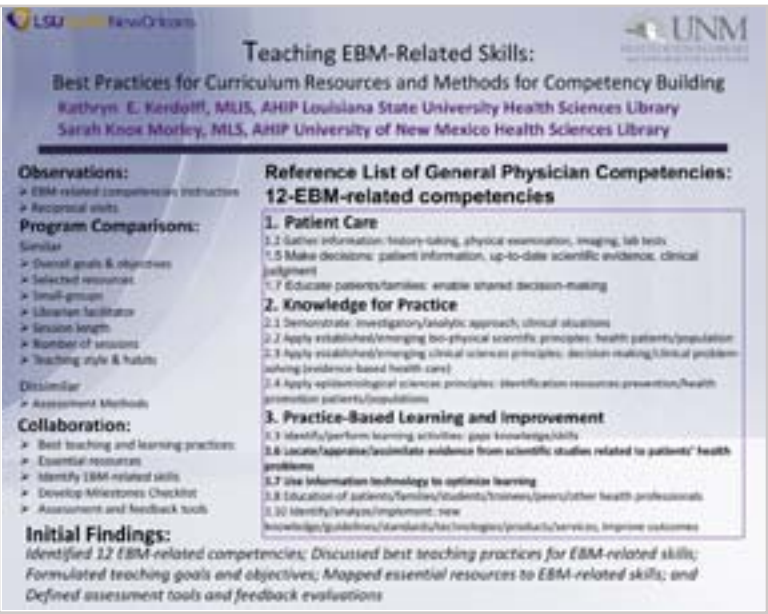
Karen McElfresh, MSLS, a Resource Management Librarian. manages HSLIC's print and electronic library resource collection, selects new materials for the collection and investigates new trends and developments in the publishing industry. Previously, Karen was a graduate research assistant at the University of North Carolina (UNC) Health Sciences Library in Chapel Hill, N.C. She provided reference assistance and taught instructional sessions. Before that, she was a medical technologist in the Blood Bank at The Methodist Hospital in Houston. She grew up in Houston. Karen has a BS in microbiology and a BS in clinical laboratory science from the University of Texas at Austin and an MS in Library Science from UNC. She is a certified Medical Laboratory Scientist with the American Society for Clinical Pathology. When she is not working, she enjoys reading, crafting and hiking.

Jacob Nash, MSLIS, also a Resource Management Librarian, is HSC's LoboVault administrator and is responsible for the life-cycle processes of major journal packages and other e-resources. He also is helping HSLIC strategize its development policy and direction. This is Jake's first career-level position, although he was a graduate assistant in the Scholarly Commons, a department in the main library at the University of Illinois at Urbana–Champaign. His BA in English literature is from the University of Illinois at Chicago, and his Master of Science in Library and Information Science from the University of Illinois at Urbana–Champaign. Jake and his wife, Lesley, moved to Albuquerque from Chicago "for the Southwestern culture and because the general vibe around here is more my style." He also likes the mountains and enjoys outdoor sports, including hiking, camping and snowboarding.

Sarah Morley collaborates on poster project

Clinical Services Librarian Sarah Morley, MLS, AHIP, co-wrote a poster that her collaborator and co-author, Kathy Kerdolff, MILS, AHIP, a reference librarian at the Louisiana State University Health Sciences Center (LSUHSC) in New Orleans, presented at the 2013 Fall Symposium and Educational Scholarship Day. The event was sponsored by the Academy for the Advancement of Educational Scholarship and was held at the LSUHSC in New Orleans. The poster is titled "Teaching EBM-Related Skills: Best Practices for Curriculum Resources and Methods for Competency Building." It describes a collaboration between health sciences librarians from Louisiana and New Mexico to compare Evidence-Based Medicine (EMB) teaching methods and resources.[1]

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1. Morley S, Kerdolff K. Teaching EBM-related skills: best practices for curriculum resources and methods for competency building. Poster presented at: 2013 Fall Symposium and Educational Scholarship Day, Louisiana State University Health Sciences Center. 2013 Oct 9; New Orleans, LA

ACP PIER renamed "ACP Smart Medicine"

Karen McElfresh, MSLS—Resource Management Librarian

ACP PIER (Physicians' Information and Education Resource), an evidence-based clinical decision support tool from the American College of Physicians, will become ACP Smart Medicine in 2014. It features the same content from ACP PIER, but in a more streamlined format that makes it easier and faster to find the information you need. You can start using ACP Smart Medicine now, and ACP PIER will remain available via the HSLIC website until December 31, 2013. You can access ACP Smart Medicine on your smartphone or tablet using the STAT!Ref Mobile App. If you have questions about this change, please contact Karen McElfresh at kmcelfresh@salud.unm.edu.

Med student creates app to identify walking trails

William Kwan, a third-year student in UNM's School of Medicine, has developed an iPhone app that identifies and maps parks and trails throughout New Mexico. The app promotes exercise by helping patients and clinicians identify the closest walking trails.

William is part of a student interest group called Students in Medicine for Resources in Technology (SMRT). "I heard about the Prescription Trails project at a presentation a couple years ago and thought I could use my skills to help out the project," William says. "I thought it was cumbersome to log on to have to find parks, so I just made it more mobile. I was thinking about something that was sustainable and would help out clinicians and patients." He teamed up with the Prescription Trails Project, a multi-group collaborative effort, to identify the parks and trails.

To view the app, go to https://itunes.apple.com/us/app/prescription-trails/id719270163?mt=8. To read about the best park and trail walking and wheelchair rolling paths in New Mexico, visit the "Prescription Trails" website at http://prescriptiontrails.org/index/index.shtml.

Did you know?

Since the inception of the GroupWise Mobility Service on September 2, 2011, HSLIC has processed 4,900 requests to add devices to this service, which allows the synchronization of email and calendar to a mobile device. Of those requests, 3,000 were done using our mobile app, from m.health.unm.edu, in the "Library Resources" section.

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