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And much more!

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BIMONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

From HSLIC's Executive Director

I am writing this column while walking on one of the two new treadmills recently installed on the third floor of HSLIC, overlooking the Sandias. The height-adjustable walking treadmills are available—first come, first served—to HSC students as well as faculty and staff who want to combine their fitness routine with their reading routine by adding extra steps while accessing email on a tablet or catching up on reading from the print collection. First-year nursing student Earvin Camu is shown here using one of the new treadmills.



My thanks go to colleagues at the health sciences libraries at the University of Utah and the University of Central Florida, who shared the idea when I visited their respective institutions last year. The treadmills were funded by the HSC's Wellness Program, along with a couple of balance balls and standing workstations in our public computing area.

I added an extra 3,874 steps into my work day by using one of the treadmills. Come try them out yourself.

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

HSLIC enhances its enterprise backup strategy

Tom Sanford—Manager, Information Services

Recently HSLIC Systems staff completed a two-week engagement with CommVault, the library's vendor for enterprise-wide backups of file servers in our data center. A CommVault engineer worked on-site with HSLIC Systems Analysts and Administrators to conduct a thorough evaluation of our backup system and strategy. He recommended changes to increase the performance of our system.

"We have implemented several recommended changes to our enterprise backup strategy and will continue to explore other recommendations as our data storage environment grows," notes Tom Sanford, HSLIC's Manager, Information Services. "Because a single full backup of the HSLIC-supported server environment encompasses more than seventy terabytes, it is important that we achieve optimum performance from our backup systems." A terabyte (TB) is 1 trillion bytes. To put that in perspective, it would take a little more than 100,000 CD-ROMs to store 70 TB of data. Ten TB could hold the printed collection of the Library of Congress.

Trends in the backup industry show a movement away from the traditional "backup to tape" methods. To achieve the performance required to maintain timely

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HSLIC enhances enterprise backup strategy *(continued from p. 1)*

backups of the vast amounts of data stored on today's high-capacity servers, there is a growing trend toward using "backup to disk." HSLIC recently began a pilot project to implement a disk-to-disk backup strategy. "As a result, we are seeing the disk-to-disk backups being completed in about a quarter of the time it takes to complete a backup of our largest file servers," Tom says. "We are working to expand the disk-to-disk backup to cover more of our environment."

HSLIC's current backup strategy is designed to support disaster recovery in the event of hardware failure and generally calls for monthly full backups of file servers with daily incremental backups. However, specific systems with different business needs may require a different negotiated level of service. Tom adds, "It is important for all HSC users to remember that network storage is a shared resource for the HSC and should be used to support HSC business."



Pictured above are Systems Administrator 3 Carlos Herrera (l) and Systems Administrator 2 Carlos Colón, who have played a key role in HSLIC's enterprise backup enhancement project.



Exhibit focuses on African American experience

Laura Hall, MFA—Manager, Special Collections

A new exhibit being displayed in partnership with HSLIC, "New Mexico African American Legacy," is at UNM's Domenici Center for Health Sciences Education. The exhibit was produced by the African American Museum and Cultural Center of New Mexico (<http://nmblack.com/museum>). It will be available for public viewing through May 30, 2014, from 8 a.m. until 6 p.m., in the auditorium and northeast lobbies of the Domenici Center. The exhibit focuses on the African American experience in New Mexico from the Civil War into the 1950s and features Albuquerque, Raton, Santa Fe and Las Cruces.

Rita Powdrell, president of the African American Museum, remarked about the exhibit using a West African term, "sankofa." Its meaning is simple: Go and fetch it—retrieve the past so that you might learn from it. In researching different communities' African American experience in New Mexico, Powdrell said, members of the museum board learned that it differed from one place to the next. "But the thread that runs through our culture in every community is that we have grace in the face of adversity," she said. "We have love in the face of hate. We have perseverance and a deep and abiding sense of joy. We hope that when you see the faces in this exhibit, they will speak to you."

Black History Month, or National African American History Month, is an annual celebration of achievements by black Americans and serves as a time for recognizing the central role of African Americans in U.S. history. Since 1976, every U.S. president has designated the month of February as Black History Month.

For more information about the exhibit, please visit the HSLIC website at <http://hslic.unm.edu/resources/spc/exhibits/index.html>, or contact Laura Hall at LJHall@salud.unm.edu or (505) 272-6518. Visitors to the exhibit may park in UNM's "M" lot at Tucker and Yale and use metered parking. A map and driving directions are available at <http://hslic.unm.edu/about-hslic/Facility/index.html>.

New Mexico Medical Society makes HSLIC's historical collection possible

Laura Hall, MFA—Manager, Special Collections



This image, titled “Bird’s Eye View of Las Vegas, NM, 1882,” is from the New Mexico Health Historical Collection. This extensive collection of materials documenting New Mexico’s medical progress exists because of the New Mexico Medical Society.

In the spring of 1982, and with the support of the New Mexico Medical Society, HSLIC launched the “New Mexico Medical History Program.” Under the guidance of a committee of physicians and other interested parties, the program set out to document evidence of the state’s medical progress through oral histories, photographs, personal diaries, journals, unpublished works, society publications and meeting minutes.

By October 1984, HSLIC’s relationship with the New Mexico Medical Society was formalized with financial support of the program specifically to record and transcribe oral histories of the most senior and longest-practicing physicians in the state. HSLIC also became the official archive for the society’s records.

In New Mexico, the society’s history began long before statehood, forming the first professional

organization of physicians called the Las Vegas Medical Society, with 14 members in 1882. By 1885, the society expanded and incorporated under the name “New Mexico Medical Society.” At its annual meeting in 1910, the president, J.W. Elder, remarked on the importance of documenting medical history by saying, “A suggestion has been made, and I would like to urge it strongly, and it is that the collection of data for a history of the physicians who have been located in New Mexico should be undertaken.... while we still have with us those whose acquaintance and knowledge extends back to early days and who have themselves been important factors in the development and growth of New Mexico.”

Nearly a century later, these comments laid the groundwork for the HSLIC’s medical history program, which is now called the “New Mexico Health Historical Collection.” Thanks to the ongoing support of the society, the collection now contains more than 200 oral-history transcripts of doctors, nurses and other health care professionals. Many of those materials are accessible on the HSLIC website at <http://hslc.unm.edu/resources/spc/index.html>. For more information, contact Laura Hall, HSLIC Special Collections Manager, at (505) 272-6518 or LJHall@salud.unm.edu.

New version of Bates’ Visual Guide now available



HSLIC recently acquired the latest version of Bates’ Visual Guide to Physical Examination. The new edition features completely revised and updated videos and now includes five videos to help you prepare for the OSCEs. The new version of Bates’ is available on your computer, tablet or smartphone, both on and off campus.

Now in its fifth edition, this resource features more than eight hours of video content.

To access this new resource, visit the HSLIC website (<http://hslc.unm.edu>) and click on “Databases” in the Quick Search box, then go to “B” and click on the “Bates” link. If you have questions about this resource or would like to provide feedback, please contact Karen McElfresh, Resource Management Librarian, at KMcElfresh@salud.unm.edu or (505) 272-4943.

Information Security Matters: A column from the HSC 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

Introducing the new HSC information security website!

Threats to the confidentiality, integrity and availability of business information and business systems have become more pervasive over the past 10 years. As a result, policy, regulatory and legal requirements have become more stringent. To support HSC business units in understanding these requirements, the HSC Information Security Office has built a new website at <http://hscsecurity.unm.edu>.

Common policies, standards, guidelines and procedures are listed on the website to support baseline standards and HIPAA compliance.

HSC IT service providers and employees will find the IT security policies relevant to departments, HSC and/or UNM. The site provides information that will help visitors understand information security policies more easily.

Alerts and notifications are a priority and a good reason to visit the website to learn about threats. Information about reporting security events and responding to security is included as well. The site is designed to support IT service providers, with information about the important role local IT has in protecting information and computers. If you need to request IT services, there is a link and information about the role of the HSC Information Security Office when projects have information security requirements.

A primary service of the Information Security Office is to oversee IT security and conduct IT security reviews prior to purchase, at renewal time and for the maintenance of existing systems. Business agreements, grants and projects that share data or automate business processes need an IT security review. Business services that involve Protected Health Information require a risk analysis and security review.

Please visit the site often; it will be updated regularly, and new information will be added. As we post new features, look for information to keep you informed and aware of the latest threats affecting the HSC. Because many people use computers at home to do work, look for information about protecting your home computers, mobile devices and other devices that make up modern work/home computer interactions.

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

KOB Health Fair—Pat Bradley, MLS, AHIP, uses an iPad to show the Native Health Database to a young woman who visited HSLIC's booth at the KOB Health Fair at the end of January. HSLIC's booth was located in the UNM Hospitals area of the health fair, which attracted more than 150 vendors. HSLIC volunteers let consumers know that the general public can browse our health-related books and journals and use our computers to access online health care-related resources seven days a week. At the health fair, HSLIC staff also promoted www.MedlinePlus.gov, a health care-related website of the National Library of Medicine.



HSC moving from GroupWise to HSCLink soon

Sally Bowler-Hill, MA, PMP—Program Operations Director

HSLIC and the UNM Hospitals' IT staff continue to make progress on the HSC's upcoming move from GroupWise to HSCLink, which will use Microsoft Exchange for email and calendaring. A "go-live" date will be announced soon.



Everyone who has an HSC NetID will be notified, in advance, of the steps they need to take to prepare their computers and devices for the move. Several different types of training, including one-on-one, classroom and online training, will be provided throughout the HSC, and tip sheets will be posted on the HSC Email Project website at <http://hsc.unm.edu/email>.



Two open forums were held recently to inform faculty and staff in the Health Sciences Center (HSC) community about the upcoming move from GroupWise to Outlook. Sally Bowler-Hill, HSLIC's Program Operations Director, and Mike Campbell, director of IT systems and support for UNM Hospitals, are shown conducting a forum on January 10.

Dr. Phil Kroth elected to lead national informatics organization

Philip Kroth, MD, MS, HSLIC's Director of the Biomedical Informatics Research, Training and Scholarship unit, has been elected to serve as the Chair of the American Medical Informatics Association (AMIA) Academic Forum (AF) for a one-year term in 2015. Dr. Kroth ran for the position in an election in the fall of 2013. He is serving as Chair-Elect in 2014

and will serve as Chair Emeritus in 2016. The Academic Forum is a "membership unit" or committee of biomedical informatics training program leaders "dedicated to servicing the needs of post-baccalaureate biomedical and health informatics training programs," according to AMIA's website at <http://www.amia.org/programs/academic-forum>.



Since AF was created in June 2007, Dr. Kroth has been an active member and has represented UNM at all of the twice-yearly face-to-face meetings. The group has worked on a number of initiatives relating to informatics training, including the work that led to the creation of Clinical Informatics as a board-certifiable medical subspecialty through the American Board of Medical Subspecialties. The first board exam in Clinical Informatics was first given last fall. The AF also has been

working with the Accreditation Council of Graduate Medical Education (ACGME) to help create the standard by which Clinical Informatics training programs will be accredited. The final version of the Clinical Informatics training program accreditation standard is expected from the ACGMC in March.

"I am happy about being elected, not only because I enjoy the work but also because that means the annual summer meeting will take place in Albuquerque in 2015 and will give us a chance to show off our informatics programs here at UNM," Dr. Kroth said. One of the two annual meetings traditionally occurs in the city of the AF Chair. This year's meetings will be at the University of Michigan in May and in Washington, DC, in November.

Movin' in/movin' up



Felicha Candelaria-Cook, PhD, is HSLIC's new Biomedical Informatics Fellow; she also has a visiting faculty appointment with HSLIC. She has an interest in neuroinformatics, which is informatics pertaining to biomedical imaging. Previously, Dr. Candelaria-Cook was a research assistant for seven years in the UNM Department of Psychology. She has co-written several publications on fetal ethanol exposure, spatial navigation, structural plasticity and electrophysiology. Her PhD research involved studying the neurobiology of learning and memory with a focus on the role of cannabinoid receptors in hippocampal memory consolidation. Dr. Candelaria-Cook is from Los Lunas. She enjoys cooking, listening to music, and traveling with her husband. She has a bachelor's degree in biology and psychology, along with master's and doctoral degrees in psychology with a concentration in behavioral neuroscience from UNM.

Erica Capling is HSLIC's new HSC Web Administrator. For three years, she was the main contact for the web services team in UNM's Communications and Marketing department on the main campus. She has worked for UNM since 2000 and has extensive experience with website design and construction. One of her recent projects was to design and build the new website for UNM Los Alamos campus, <http://losalamos.unm.edu>, which is a responsive site built on Twitter Bootstrap that she created using Cascade Server. Erica is from Santa Fe. She has a bachelor of university studies degree with an emphasis on media arts and Spanish. She has a Web Design II certification from UNM Continuing Education, and she is a Microsoft Certified Professional. Gardening is one of her main hobbies. She volunteered at the Rio Grande Zoo for a year, working with the enrichment program for carnivores.



Robyn Gleasner, MLIS, is HSLIC's new Library Operations Manager in the Resource Access Delivery (RAD) group. She is in charge of cataloging, course reserves and managing the integrated library system. For the past three years, Robyn worked as a solo librarian at Carrington College in Albuquerque. She taught library information sessions, managed the collection and did cataloging. She also was the school's social media administrator and newsletter editor. Robyn has a BA in psychology and a BA in English with a concentration in professional writing from UNM and a MLIS from San Jose State University. Robyn, who is married to Jason Lister, grew up in Albuquerque. She enjoys "reading, cooking, writing, eating and writing about what I'm eating." She also loves being outside, especially when she is fishing and hiking.

John Impallomeni has joined HSLIC as a Systems Analyst 3. As the Exchange Administrator, his primary responsibility is supporting the project to migrate the entire Health Sciences Center community from GroupWise to Microsoft Exchange. He serves on several task forces related to the email project. Previously, he worked for ReelzChannel as a Senior Systems Engineer. For almost 20 years, John has deployed Microsoft and Linux solutions for large organizations. He has worked for ReelzChannel, the National Nuclear Security Administration, Sandia Labs and Sun Healthcare Group. He has been deploying and maintaining Exchange since 2000. He is a Microsoft Certified Systems Engineer (MCSE) and a Microsoft Certified Desktop Support Technician (MCDST), and he is certified in CompTIA Linux+. John has lived in Albuquerque since he was in the sixth grade. He has an associate of applied science degree in environmental technologies from CNM, and he is currently pursuing a philosophy degree at UNM.





Karen Keene, MALS, is a full-time Visiting Librarian for HSLIC, providing reference, instruction, service-desk and outreach services. She is part of the Reference Users Services (RUSS) team and the Collection Resource Group and serves on the HSCLink email migration training task force. She works Tuesday through Saturday. She provides Saturday coverage at the Service Point and helps with curricular instruction, outreach and reference service. Karen has been a professional librarian for 15 years, and she earned her MLIS degree from the University of South Florida. For 10 years, she was a reference/systems librarian and a liaison to the College of Nursing at the University of South Florida's Shimberg Health Sciences Library. For seven years, she was an adjunct faculty librarian at St. Petersburg Community College Health Education Library. Previously, she was a supervisor at the library on a military base. She has lived in New York, Chicago and, most recently, Tampa, Florida. She and her husband moved to Albuquerque three years ago. They enjoy hiking, biking and discovering new hot springs.

Dr. Daneshvari presents paper at AMIA meeting in Washington, D.C.

Shamsi Daneshvari, PhD, one of the Biomedical Informatics Fellows at HSLIC, co-wrote a paper¹ that was accepted for presentation at the annual American Medical Informatics Association (AMIA) meeting in Washington, D.C., in November. Dr. Daneshvari worked with Drs. Sara Youssef and Philip Kroth on the implementation and analysis of a new patient registry standard that the NIH's Office of Rare Disease Research has been pilot testing.

The Office of Rare Disease Research published a list of Common Data Elements and terminology standards that all rare-disease registries should contain. The Oculopharyngeal Muscular Dystrophy (OPMD) Patient Registry, founded at UNM in 2011, uses the Rare Disease Common Data Elements. Dr. Daneshvari performed a systematic data-element analysis and analyzed the referenced terminology standards. From this research, the authors were able to suggest future improvements and list the benefits of the standard base on the experience implementing the standard in UNM's Oculo-Pharyngeal Muscular Dystrophy Patient Registry. The paper was published in the 2013 AMIA Annual Symposium Proceedings and indexed by PubMed.

1. Daneshvari S, Youssef S, Kroth P. The NIH Office of the Rare Disease Research Patient Registry Standard: a report from the University of New Mexico's Oculopharyngeal Muscular Dystrophy Patient Registry. AMIA Annu Symp Proc. 2013. 2013; 269-277.

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

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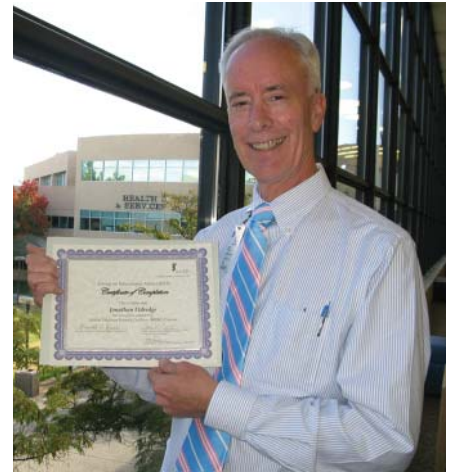


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Dr. Jon Eldredge completes MERC program

HSLIC faculty member Jon Eldredge, PhD, MLS, AHIP, has completed the six courses required for completion of the Medical Education Research Certificate (MERC) Program developed by the Association of American Colleges (AAMC) and sponsored locally by the School of Medicine (SOM) Office of Education. Dr. Eldredge joins several other SOM faculty who have completed the MERC program.

Dr. Eldredge began work on his MERC while still actively involved in the SOM's Medical Education Scholars (MES) Program from 2008 to 2011. MES offers intense training for faculty members on the theoretical and pedagogical aspects related to medical education. (For more information about MES, visit <http://som.unm.edu/ume/ted/mes/>.)



Going through UNM's MES Program is somewhat like going back to graduate school in education. He says. "We had a fairly incredible workload of reading and exercises. We had to give presentations. We all actively participated in every seminar. Most importantly, we had to present our own research proposals multiple times, subject to the scrutiny of our faculty facilitators (Drs. Craig Timm, Summers Kalishman, Judith Kitzes and David Bear) and our MES peers. This process helped me develop my research project, which was just published in the highest-ranked journal in health sciences librarianship.¹ It also informed another collaborative medical education research project that was published in a medical education journal."²

1. Eldredge JD, Bear DG, Wayne SJ, Perea PP. Student peer assessment in evidence-based medicine (EBM) searching skills training: an experiment. J Med Libr Assoc. 2013 Oct;101(4):244–51.

2. Eldredge JD, Heskett KM, Henner T, Tan JP. Current practices in library/informatics instruction in academic libraries serving medical schools in the western United States: a three-phase action research study. BMC Med Educ. 2013 Sep 4;13(1):119.

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