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BIMONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

Guest Column: Dr. Philip Kroth

While Dr. Buchanan is enjoying a well-earned vacation, I want to draw attention to an informatics topic. The June issue of the *Journal of the American Medical Informatics Association* (AMIA) contains the Report of the AMIA EHR 2020 Task Force on the Status and Future Direction of EHRs.

This report, chartered by AMIA's Board of Directors and written by a multidisciplinary group of AMIA experts, outlines 10 recommendations to address the significant challenges we face with the implementation and use of Electronic Health Records (EHR). This is one of the best summaries of the current EHR issues yet created.

The $30 billion Meaningful Use (MU) Program CMS was implemented in 2009 to incentivize hospitals and physicians to adopt and use EHRs. But the requirements for implementation of MU Stage II are so complex and modified so frequently that only 11 percent of physicians and only 42 percent of hospitals have been able to meet the MU requirements. Stage III is even more complex.

Here is the good news. Just one week after the recommendations were released, the Task Force chair was invited to testify before the U.S. Senate Committee on Health, Education, Labor and Pensions. This is arguably the first time a group of primarily informatics academicians has had an opportunity to participate in the national dialogue on EHRs at this level. Whether Congress will listen remains to be seen. You can watch the full committee hearing at **http://www.help.senate. gov/hearings/**. Scroll down to the 06/10/15 hearing title and click on it. The Task Force's report is available at **http://dx.doi.org/10.1093/ jamia/ocv066**.

Philip J. Kroth, MD
Director, Biomedical Informatics Research, Training
   and Scholarship

Four students win awards

Sarah Morley, PhD, MLS, AHIP — Clinical Services Librarian

For the past 10 years, library faculty members have solicited nominations from Health Sciences Center faculty, preceptors and residents to recognize medical, nursing and pharmacy students who excel in various aspects of information retrieval, critical appraisal, teaching and communication, and informatics.

Our four 2015 awardees each received a certificate and monetary award at their college or school's awards ceremony. Congratulations to this year's winners!

HSLIC Award for Excellence in Information Seeking & Critical Appraisal

Henning De May and Daphne Olson

HSLIC faculty give this award to a Phase I student nominated by a tutor or other School of Medicine faculty member, fellow or resident as best demonstrating skills in information seeking and information evaluation.

One of Henning De May's nominators said, "Henning is an extremely thoughtful scholar and went into great depth when researching his learning issues."

Four students win awards *(Continued from p. 1)*

Shown above are Alexandra Sible, left, a graduating senior in UNM's College of Pharmacy, and Sarah Morley, HSLIC's Clinical Services Librarian and the chair of HSLIC's Student Awards Committee.

A faculty member who nominated Daphne Olson said, "You impressed all faculty nominators through your critical appraisal and identification of authoritative and relevant information."

HSLIC Award for Excellence in Informatics

Dhyana K. Velasco

We present this award to a graduating senior medical student, nominated by a SOM faculty member, fellow or resident, for the student research project paper that best demonstrates an informatics issue or the use of informatics in research. Dhyana was nominated for the use of informatics in her medical student research paper titled "Breast Cancer and Regional Anesthesia: A Retrospective Study on Recurrence."

HSLIC William G. Troutman Award for Excellence in Information Retrieval, Analysis and Communication

Alexandra Sible

HSLIC faculty present this award to a fourth-year PharmD student — nominated by a COP faculty member or preceptor — who, throughout his or her academic career, has demonstrated familiarity with a variety of information resources, skill in using resources to retrieve information, the ability to evaluate information critically and the ability to integrate and communicate that information in a professional environment. Faculty nominators noted that Alexandra's journal club presentations were always well organized, her search of the literature was thorough and she appropriately identified strengths and limitations of appropriate studies.

HSC graduates, spring 2015

College of Nursing
All nursing degrees: 71

College of Pharmacy
All pharmacy degrees: 87

School of Medicine
MD: 106 (includes 14 BA/MD and 2 MD/PhD)
PhD: 16

Health Professionals and Public Health Programs
Biomedical Research Education Program: 8
Dental Hygiene: 25
EMS Academy: 22
Master of Public Health: 9
Medical Laboratory Sciences: 22
Occupational Therapy: 24
Physical Therapy: 30
Physician Assistant: 17
Radiologic Sciences: 25

Pictured above, from left, are award-winning medical students Dhyana Velasco and Daphne Olson. At right is award presenter Jon Eldredge, PhD, HSLIC's Evidence Based and Translational Science Collaboration Coordinator.

For more information about the HSLIC student awards:

http://hslic.unm.edu/about-hslic/awards1/awards.html

Password tips from the HSLIC Service Point

Mary McCarthy — Service Point, Technical Support Analyst 2

Data security has been in the news a lot recently, indicating a rise in the need to ensure data protection. Here are two effective ways to improve the security of our professional data here at the Health Sciences Center:

1. **Manage your password** — Although UNM requires password changes every six months, there are other times when a reset is advisable. If your computer has been infected by viruses or malware, or if someone other than you, the account holder, knows the password, you need to reset it. In the case of infection, all passwords that have been used on your computer, whether business or personal, need to be changed using an uninfected computer.

   There are two ways to change your password. If you are on UNM's north campus, you can use **https://hscpw.health.unm.edu** to reset the password for your account. Instructions for changing the password are available after you log in to the Novell Identity Manager.

   If you are off campus or are on campus and accessing the "HSC_Guest" wireless network, please connect to **https://receiver.health.unm.edu** and log in. Click on the link to UNM Hospitals Intranet in the left menu. This starts the Citrix receiver app in the background. When it finishes, it launches the hospital's intranet page. From there, replace the URL with **hscpw.health.unm.edu** and hit enter. This brings you to the Novell Identity Manager. Please log in to this page using your HSC NetID and password. Now you can use the instructions provided to change your password.

2. **Keep business documents on a networked drive** — Data you keep on your local drive can be compromised when your machine is infected, and data stored on a laptop can be lost if your laptop is lost or stolen. Storing documents on a Home (H:) drive prevents both of these scenarios. You can access documents while on campus using a wired or secure wireless network connection, or from off campus using the Virtual Private Network (VPN) software provided by HSLIC IT. You can download this software from **http://hslic.unm.edu/usersupport/support/software-downloads.html**. Secure login is required to access the download, so please read the instructions provided before you proceed.

If you have questions, enter a help ticket at **https://help.Health.unm.edu** or call the Service Point at (505) 272-1694.

Jon Eldredge wins Hippo Award from medical students — again

Jon Eldredge, MLS, PhD, AHIP, HSLIC's Evidence Based and Translational Science Collaboration Coordinator, has received the Hippo Award from the graduating School of Medicine students for the fifth year (2007, 2009, 2012, 2013, 2015). In the photo below, he poses with the medical students who nominated him this year. From left to right, they are Susan Muraida, Jane Fazio and Erik Hauswald.

These students also organized the Hippo Award ceremony, which featured skits, music videos and dramatizations related to medical school life. Hauswald made the Hippo Award, shown below. It features binoculars to represent the skills learned in Dr. Eldredge's Evidence Based Practice course. The tag on the Hippo Award portrays an imaginary PubMed search.

Information Security Matters: A column from the HSC security team

Gayle Shipp, CISA — Systems Analyst 3, HSLIC IT Security Analyst

Gayle Shipp, HSLIC Security Analyst

HSC workforce members have numerous tools available to help them protect confidential data. The use of HSC baseline images for workstations and servers ensures basic security measures for those devices. The networking infrastructure has a number of perimeter controls to protect HSC systems and minimize attacks.

Those measures cannot stop all threats, however, and HSC users represent the next line of defense against the variety of attacks that still get past our security controls. Maintaining awareness and following good computer practices is important. Here are some steps you can take:

- **Think before you click** — Numerous studies have shown that the majority of hacks are the result of clicking on bad links or opening documents with malware. Poorly worded emails that indicate malware are pretty much a thing of the past. Some malware creators are even scanning sites like LinkedIn so that they can provide email payloads that are targeted to specific professionals (i.e., invoices containing malware to accountants). Always check the URL before clicking (ask for help if you are unsure), and don't click on links from unknown sources.

- **Make sure websites where you enter credentials use secure data transmission** — You can tell by the letters "https" at the beginning of the link. Most browsers also have another indicator like a lock icon to show that a site uses this protection, which encrypts data in transit.

- **Use strong passwords** — No one likes tracking passwords, but they are an important line of defense. Also, if you suspect that you've clicked on a malicious link or opened an infected document, be sure to change your password immediately using a virus-free system (and request assistance from the help desk if you suspect any potential system compromise).

- **Use VPN on public networks** — The HSC VPN provides an encrypted tunnel to the HSC network that can be used on UNM and personally owned devices. This is particularly important when you are using an unknown WiFi network. Contact your help desk if you need help setting it up on your system.

- **When in doubt, ask for assistance** — Help-desk staff are your first line of defense when you need help. Also, IT Security always encourages users to contact us with any security concerns. You can do so through the help desk, by entering a Help.HSC ticket at **http://help.health.unm.edu** or by sending an email to **HSLIC-ITSecurity@salud.unm.edu**.

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

Dr. Gayle Diné Chacon speaks at "Native Voices" opening reception

Gayle Dine Chacon, MD

Gayle Diné Chacon, MD, delivered the keynote presentation during the opening of the "Native Voices" exhibit in the Domenici Center on April 23rd. She is the medical director for the Pueblo of Sandia. She is a former professor of Family Medicine at UNM and is the founder of the UNM Center for Native American Health.

Dr. Diné Chacon said the exhibit "validates our history, our people and their voices" and honors their oral tradition of storytelling. She stressed the importance of sovereignty, community, ceremony, tradition, family and the environment to Native people, as well as balance and the right to health care. "We're the only racial group for whom that is written into the Constitution," she said.

Cal Curley, a field representative in Sen. Tom Udall's office, attended the opening, as did NLM representative Margaret Hutto.

The National Library of Medicine's (NLM's) traveling exhibit, "Native Voices: Native Peoples Concepts of Health and Illness," will be on display in the Domenici Center auditorium lobby through October 18th. The multimedia exhibit honors the Native tradition of oral history. At the listening stations, you can hear healers, elders and other key figures describe how epidemics, loss of land, loss of lives and the inhibition of culture in the 19th and 20th centuries affect the health of Native individuals and communities today.

A visitor to the "Native Voices" exhibit listens to Native people talking about their views of health care at one of the listening stations.

Library subscribes to Clinical Pharmacology and ToxED

Karen McElfresh, MSLS, AHIP — Resource Management Librarian

HSLIC now has access to a new drug reference tool called Clinical Pharmacology, which includes drug monographs, information about drug interactions, drug calculators, patient education handouts and many more resources.

HSLIC's subscription also includes ToxED, a toxicology reference tool that aids in assessment, diagnosis and management of poison and overdose emergencies. Funding for Clinical Pharmacology and ToxED is being provided by the Poison Control Center. (See the related story about the center's director, Susan Smolinske, PharmD, on pages 6 and 7.)

To access Clinical Pharmacology/ToxED, visit the HSLIC home page (**http://hslic.unm.edu**) and click on "Databases" in the search box, then on "C" and on the "Clinical Pharmacology" link.

If you have questions about this resource, please contact Karen McElfresh, Resource Management Librarian, at (505) 272-4943 or **kmcelfresh@salud.unm.edu**.

Movin' in/movin' up

Only a year and a half after being hired at HSLIC, **Katrina D'Aloia** has moved into her third position. She joined HSLIC as a Professional Intern in September 2013 to help with purchasing. After one year in that role, in September 2014, Katrina's position became permanent, and her title changed to Accountant 1. Just six months later, this March, she applied for the Operations Specialist position at HSLIC and was hired.

Katrina is responsible for maintaining the HSLIC and Domenici Center facilities. Every day, she does a walk-through in both buildings to make sure that lights are working, trash bins have been emptied, there are no safety hazards and all furniture is in place. She submits orders to UNM's Physical Plant Department to resolve issues regarding facilities maintenance. And she still handles purchasing for HSLIC. She reports to Marcia Sletten, Division Head, Division Support Services.

Before joining HSLIC, while she was a student, Katrina was an intern at the Lobo Club. She helped plan and set up for Lobo Club donor events and helped with on-site logistics. She also served as head of the VIP hospitality event for Lobo men's basketball and as a premium-seating liaison.

Katrina's BBA with a concentration in accounting is from UNM. She is currently working on her MBA and expects to complete the degree in the spring of 2016. She grew up in Albuquerque. Outside of work, when she's not studying for her MBA, she enjoys photography and attending concerts and sporting events. After a friend encouraged her to get involved with the Sandia Motorcycle Roadracing Inc. (SMRI), she recently became SMRI's treasurer and a corner marshal. Corner marshals provide important information to riders that notifies them to adjust their speed or racing line for safety and to help ensure the safety of riders in the event of a crash.

Poison Control Center Director appreciates HSLIC's service

Recently Susan Smolinske, PharmD, BCPS, DABAT, received service from the library that exceeded her expectations. She is the director of the New Mexico Poison and Drug Information Center and a professor and clinician educator in the UNM College of Pharmacy.

"The Poison Control Center has few specific guidelines for triaging patients for poison control," Smolinske explains. "Typically, when a patient calls the center for advice after someone in the home has ingested poison or a drug, the most important determination we have to make is whether to send the patient to the hospital or suggest a treatment that can be administered at home."

Smolinske has been working on a project to identify the "cutoff point" regarding that critical decision for more substances. For example, if a parent accidentally gives a two-year-old too much of a certain drug, what quantity of that drug in the child's body triggers the decision to recommend emergency treatment for her?

She was trying to find recent guidelines on her own, without much luck. So she came to the library and got help from Sarah Morley, PhD, MLS, AHIP, who is HSLIC's Clinical Services Librarian, and Dick Carr, who recently retired from his position as HSLIC's coordinator of Reference & User Support Services. "Sarah and Dick helped me find some obscure poison and drug references. I was impressed that they spent so much time showing me all of the resources that are available to me at HSLIC," Smolinske says. She notes that HSLIC has more resources, such as full-text textbooks, than

Poison Control Center Director appreciates HSLIC's service

she had access to at the College of Medicine at Wayne State University, where she was the director of the Children's Hospital of Michigan Regional Poison Center before coming to UNM in August 2014.

Smolinske, who often works on weekends, was also happy to discover the library's interlibrary loan (ILLiad)/document delivery service. "I live in Placitas, which is a half-hour drive from UNM," she says. "One Friday afternoon, I requested some documents, and on Saturday and Sunday, an angel at the library sent them to me via email. I had them right away and didn't have to drive to the office. HSLIC has been over-the-top helpful and timely in retrieving articles for me."

Two reference guides she uses extensively now, after discovering them at HSLIC, are Goldfrank's *Toxicologic Emergencies*, 10th edition, which was just published in December, and the most recent edition of Kent Olson's *Poisoning and Drug Overdose*. "I will use both of these in my clinical toxicology elective course," Smolinske says.

Recently, Smolinske provided funds from her own budget for HSLIC to acquire the Clinical Pharmacology/ToxED database. She is a senior editor for ToxED and writes for the database, which is a point-of-care solution for poison and drug emergencies. "Clinical Pharmacology is the drug information resource most retail pharmacists use," she says. "So starting this fall, we will now be able to train students on the same resource most of them will use once they graduate. The ToxED database will enhance the ability of poison-center pharmacists to assist both lay and health care professional callers with patient care decisions."

Another change she has instituted is to combine the drug-information and poison-information rotations for fourth-year pharmacy students.

Smolinske's work has been published extensively in the field of clinical toxicology, with a focus on herbal medicines, plants and pharmaceutical excipients, and she has published two textbooks. As a diplomat of the American Board of Applied Toxicology since 1996, she provides clinical toxicology consultations to health care providers. She is engaged in national service as Chair of the AAPCC Public Health Committee and Board of Trustees member of AACT. She has extensive preceptor and mentorship experience with multidisciplinary groups, including physician residents, pharmacy students and residents, and nursing students.

WorldCat Discovery kicks off successfully as new catalog system

Kyle Leggott, who will graduate next year from the UNM School of Medicine, is shown using WorldCat Discovery, the library's new online catalog system, to conduct research for a project.

HSLIC is the first academic health sciences library in the country to implement WorldCat Discovery for all of its materials — articles, books, journals, e-books, e-journals and more.

Kyle was featured in a video news story produced by Furhana Afrid, a multimedia specialist with the HSC Communications and Marketing Group. This photo is a still taken from the video footage. Kyle just finished a two-year term as the president of the UNM HSC Student Council.

The news story is one minute, 56 seconds long. It is posted on HSC Newsbeat at **http://hscnews.unm.edu/** and on YouTube at **https://youtu.be/jGziV_fjzcA**.

The vendor makes enhancements to Discovery every month. Recent enhancements that were implemented include author links and subject facets, which allow you to sort results by topic. (For example, if you want to view only the search results about public health, you can click in the box next to that subject and retrieve only those results. Or you can keep the default setting to search "All Topics" to see all results.)

Future enhancements include permanent user lists, citations in various formats and a "Did you mean?" search feature. If you have questions about these enhancements, please contact HSLIC's Resources Archives and Discovery (RAD) unit at **hsc-remote@salud.unm.edu**.