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BIMONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

From the Desk of the Associate Vice President

This issue of *adobe medicus* includes announcements of two initiatives that I would like to highlight: the development of new collaborative study space for students and the announcement of a three-year fellowship opportunity with the Health Sciences Library and Informatics Center (HSLIC) for biomedical informatics.

The collaborative student study space is the first major renovation for a decade, which adds more space for users, and we are very pleased to provide this to meet specific needs and requests from students. I hope you will stop by and look at the facility when it opens in the near future (*see this page*).

The fellowship opportunity, under the leadership of Philip Kroth, MD, MS, is available at the post-doctoral level to those who have some training or experience with information technology and would like to pursue a career in academic research and the healthcare industry. The curriculum provides the fellow with the health services research skills necessary to become independently funded academic investigators, gained through completion of a mentored research project in the fellow's area of interest (*see page 3*).

In addition to these two initiatives, I want to give you a heads up about a campus-wide collaborative project involving HSLIC, UNM Hospitals, and UNM IT, which during 2011 will install a replacement for the HEAT system that is currently used to log incidents and work orders.

New Student Collaborative Space

Photo of the newly constructed HSLIC Student Collaborative Space on the third floor. Photo taken by Lisa C. Romero.

A place for quiet, uninterrupted study with spectacular views of the Sandias - HSLIC's third floor has always been a rare island of tranquility at the Health Sciences Center (HSC). Until lately, that is. For the last several months this quiet has been replaced by the noise of busy work crews constructing a new collaborative study space. The suite will be completed in February and will consist of a foyer and five group study rooms. It will feature reconfigurable furniture; white boards; wide screen, flat-panel monitors; soundproofing; and ample electrical and network outlets. One room will be equipped with a smart board that turns the projected surface into an interactive whiteboard, and another will feature video recording equipment that will enable users to rehearse, view, and improve their oral presentations.

The new system (Cherwell is the vendor) will be a robust customer relationship management application that will include a service catalog, automated routing of tickets to the person who can best respond to the query, and a module for Change Management that will allow us to better manage changes in our systems so as to have fewer incidents of problems arising from the changes. As the year progresses, you will hear more about that from us.

Finally, the lecture capture system in the College of Pharmacy Auditorium has recently been upgraded to add video to the existing audio capabilities, thanks to funding from the HSC Chancellor's Office.

Holly Shipp Buchanan, MLn, MBA, EdD
Associate Vice President for Knowledge Management & Information Technology
Director, Health Sciences Library and Informatics Center
Professor, School of Medicine
The University of New Mexico Health Sciences Center

Construction on the suite was preceded by an extensive data gathering process that allowed students and faculty to contribute to the planning of the suite. Library users, for this reason, are certain to find that the new space facilitates collaborative work and group study. If, as we expect, the space is popular with HSC students then additional group study spaces will be added in the future.

Brian Bunnett, MLS, MA, AHIP
Director, Library and Education Services

(Below) View from inside the Student Collaborative Space's open area (foyer). The suite will be completed in February and will consist of a foyer and five group study rooms. Photo taken by Lisa C. Romero.
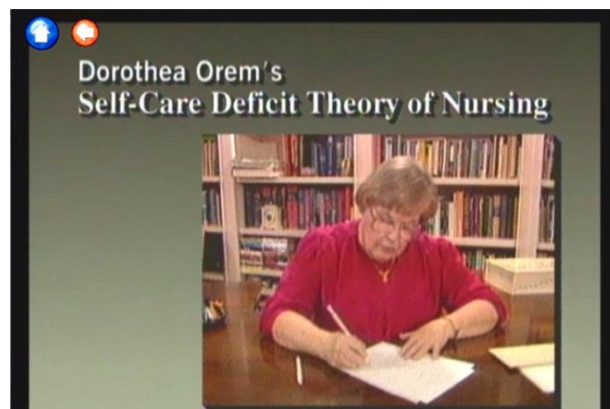
(Above) Before photo of Student Collaborative Space. Temporary walls were put in place to keep the construction noise level and dust to a minimum.

New in the Media Collection

HSLIC has recently added an important resource for nursing students. This series of thirty-one DVDs includes interviews with nursing scholars about their life and work.

The Nurse Theorists

Volume 1 (16 DVDs) of *Portraits of Excellence* covers the "middle-range" theorists, including Betty Neuman, Dorothea Orem and Callista Roy. Volume 2 of *Portraits of Excellence* (6 DVDs) continues the middle-range theorists, including Helen Erickson, Nola Pender and Patricia Benner. Volume 3 titled *Excellence in Action* (3 DVDs) is intended to show how theories are applied in the real world and includes Patricia Benner, Dorothea Orem and Callista Roy.

Screen shot of Dorothea Orem

Breastfeeding Best Practice: Teaching Latch & Early Management

This 41 minute DVD is produced by Injoy Productions and the International Lactation Consultant Association. It presents an evidence-based program for best practices when teaching breastfeeding.

Kinaaldá : Navajo rite of passage

This DVD explores Kinaaldá, a four-day coming of age ceremony for Navajo girls.

The Immune System

This 22 minute DVD explains the human body's defense system and the mechanisms of allergies and autoimmune diseases.

Old Favorites in a Newer Format

HSLIC has also replaced several popular videotape titles in DVD format:

> *Sexuality Reborn: sexuality following spinal cord injury*
> *The Power Dead-Even rule and other gender differences in the workplace*
> *Invisible Rules: men, women & teams*
> *When the Brain Goes Wrong*

Christee King, MLS, AHIP
Collection Management and Special Projects Librarian

HSLIC Biomedical Informatics Fellowship Opportunity

- Three-year training (research) fellowship in Biomedical Informatics (BMI).
- Comes with a stipend, health benefits, and support for research project expenses.
- Fellowship begins in June/July 2011.

For detailed information, please visit: http://hsc.unm.edu/library/informatics/ .

New on HSLIC iPads

Thanks to some new developments by Google™, the HSLIC Apple® iPads® are even more useful for our patrons! Google Docs™, the free Office-style suite of cloud applications, can now be accessed through an iPad. Simply go to the Google search interface and select "documents" from the "more" drop down menu. Create a free account and you will be able to log into it from anywhere on the web to create and edit word processing documents and spreadsheets! To access your account from an iPad, just navigate to Google Docs, sign in, and either create a new document or select the document you want to edit from the list that appears. Your document will initially open in a simplified viewer designed for mobile devices. To edit the document, use the edit button at the upper right hand corner of the application screen. If you need to do full scale editing, including document formatting, simply scroll all the way to the bottom of the document and click on the link that says "desktop". This will activate the fully featured desktop editor.

In addition to using Google Docs, users will find the GoodReader app installed on the HSLIC iPads. This high quality reading utility allows for full functioned viewing of PDFs, high resolution images, Office and iWork® documents, and HTML webarchives. GoodReader offers advanced searching, navigation and linking features within your PDFs, with automatic text wrapping and image zoom features that will allow you to get the most out of our iPads.

Still another app worth trying out is Dragon dictation; a tool that uses the high quality Dragon speech recognition engine to allow you to transform your speech into text. Simply speak into the iPad microphone to see your words appear on the editing screen. Now, anyone uncomfortable with the iPad on-screen keyboard has another option. Once you've finished you can cut and paste your text into a Google Doc, or simply e-mail it to yourself.

HSC students, faculty and staff may check out one of HSLIC's three iPads for use in the library building for up to four hours at a time. For more information about HSLIC's iPad program, please contact the HSLIC Information Desk at 272-2311.

Jason Bengtson, MLIS
Information Services Librarian

iPad screen shot. Photo taken by Jason Bengtson.

HSLIC and UNMH Deploy Microsoft SCCM to Manage Workstation Configurations

During the second half of 2010, UNM Hospitals (UNMH) and the HSLIC deployed the Microsoft® Systems Center Configuration Manager (SCCM) to help maintain a more consistent configuration of the Windows® workstations throughout the HSC. SCCM provides the tools to centrally assess and update the software configuration of workstations, as well as give IT personnel and departmental administrators an accurate overview of the hardware and software that is deployed in their areas.

Using SCCM, we hope to maintain a more consistent and updated set of applications across all HSC workstations. SCCM gives HSLIC and UNMH the ability to catalog the applications on the workstations and selectively apply updates as needed to ensure they are kept up to date. While we have up to now been able to update Windows and other Microsoft software such as the Office suite using the Windows Update server, there has not been a way to keep non-Microsoft software such as Adobe®, Firefox®, etc. up to date with a central service. SCCM allows us to keep this software current.

SCCM will also provide HSLIC and UNMH the ability to offer common software installations as a service, giving the users the ability to select an application from a list of available software, installing it over the network with reduced need for Help Desk staff to become involved.

Departmental administrators will benefit from the Inventory and Asset management capabilities of SCCM, which will give them a current view of their deployed hardware from a web based interface.

The initial deployment of the SCCM system and client agents is mostly complete. Over the coming months, the inventory management and software update and deployment capabilities will begin to be utilized.

Brent Jones
Systems Analyst 3, IT Systems

HSLIC Participating in National
Merged Library / IT Organization Survey

In February, a random sampling of over 2,000 HSC students, faculty and staff will be asked to provide feedback about the library and technology services offered by HSLIC at the UNM Health Sciences Center. HSLIC is one of 18 institutions nationally participating in the Merged Information Services Organization or MISO Survey, administered by Bryn Mawr College. The MISO Survey is a web-based quantitative survey designed to measure how faculty, students, and staff view library and computing services in higher education. The survey gathers data about computing and library services including:

- Frequency of service use
- Importance of services
- Satisfaction with services
- Perceived service orientation of service point staff
- Level of user knowledge about key issues
- Use of computing and information tools
- Skills & learning
- Demographic factors

Participant organizations generally have library and technology services merged into one department and are seeking to evaluate customer satisfaction with all their services using one survey tool. Since 2005, almost 50 institutions have used this survey tool, and the MISO survey team regularly gives presentations about the survey at national conferences, including EDUCAUSE.

The feedback provided by UNM HSC participants in this survey will assist HSLIC in improving its library and technology services. More information about aggregated survey results will be included in a future edition of *adobe medicus* later this year.

Sally Bowler-Hill, MA
Program Operations Director

HSLIC Research and Scholarship

The following is a sampling of some of the recent scholarly output of HSLIC faculty:

Jason Bengtson, MLS has two papers coming out in the peer reviewed literature. The first is titled *Online updates: a column for search analysis: ScienceDirect through SciVerse: A new way to approach Elsevier[1]* in the Medical Reference Services Quarterly. This is a review of the new SciVerse search tool from Elsevier. The second will appear in the new open-source, peer-reviewed journal of the University of Iowa Library and Information Science school, B Sides and is an essay titled *Why I Can't Love the Homemade Semantic Web.[2]*

Brian Bunnett, MLS and Sally Bowler-Hill, MA along with Chris Kiscaden, MBA, presented a paper at the New Mexico Technology in Education 2010 Conference in Santa Fe, NM, September 30, 2010 titled *Enhancing student success with lecture capture at the University of New Mexico Health Sciences Campus*.[3]

Dick Carr, MLS, presented a poster titled *Disaster planning: maximum input* at the 2010 Medical Library Association South Central Chapter Meeting on October 18, 2010 in Austin, TX.[4] The poster illustrated HSLIC's method of improving the library's Area Emergency Plan by posing a goal for every employee to state the three greatest threats to business continuity of their unit, how they should respond to such a threat, and whether the Emergency Plan adequately addressed each threat. Mr. Carr, Sally Bowler-Hill, and James Perea also gave a presentation at the New Mexico Technology in Education 2010 Conference in Santa Fe, NM, September 30, 2010 titled *Make the best use of your stuff: space and resource management using EMS*. The presentation described the problem facing the UNM Health Sciences Center of making the most efficient use of limited classroom space, the process of selecting a class and event scheduling system, and the implementation and features of EMS.[5]

Heather Edgar, PhD gave a talk at the NYU Department of Orthodontics titled *The anthropological use of dental morphology*. She included a discussion and demonstration of the website she and Dr. Kroth developed that contains de-identified case files of over 5,000 orthodontic patients. The web-based case file system is designed for clinical use, education, and research. You can explore their system at: http://hsc.unm.edu/programs/ocfs/

Jon Eldredge, PhD co-authored a paper titled *A voyage of discovery: identifying barriers to EBLIP in the Caribbean* in the October 2010 issue of Evidence Based Library and Information Practice.[6] Dr. Eldredge also co-authored two papers presented at the September 14th meeting of the Association of American Medical Colleges (AAMC) Patient and Populations: Public Health in Medical Education Conference in Cleveland, OH.[7,8]

Philip Kroth, MD, Holly Phillips, MLIS, AHIP and Jon Eldredge, PhD have published a paper in the December issue of Evidence Based Library and Information Practice titled *Evidence-Based Scholarly Communication: Information Professionals Unlocking Translational Research.* This paper is a summary and commentary on the proceedings of the Evidence-Based Scholarly Communication Conference the three coordinated in March of 2010.[9] This same group took home the Third Place Research Prize for their poster titled The *Evidence Based Scholarly Communications Conference: Capitalizing on the unique role of information professionals in translational research* at the 2010 Medical Library Association, South Central Chapter Meeting, October 18, 2010, in Austin, TX. A copy of their abstract and poster are freely available.[10]

Third Place Research Prize Winners: (L-R) Phil Kroth, Holly Phillips, and Jon Eldredge. Photo taken by Lisa C. Romero.

<u>Sarah Knox Morley, MLS, AHIP</u> took home third prize in the Elizabeth K. Eaton Research Award for her contributed paper titled *Information Literacy: Significance in a Graduate Medical Education Population*[11] at the 2010 Medical Library Association's South Central Chapter Annual Conference in Austin, TX on October 19, 2010.

<u>Barbara Nail-Chiwetalu, PhD</u> was a co-author on an article published in the Journal of Hospital Librarianship titled *A Place for Sharing - Outreach Connections: Native Health Information.*[12] The article describes the Outreach Connections Wiki Project which is a national program that provides a collaborative space for the sharing of projects focusing on Native American health information outreach. Dr. Nail-Chiwetalu is the project's manager/facilitator.

[1] Bengtson, Jason (2011). Online updates: A column for search analysts: ScienceDirect through SciVerse: A new way to approach Elsevier. Medical Reference Services Quarterly, 30(1).

[2] Bengtson, J. Why I Can't Love the Homemade Semantic Web. B sides, 2. Available from http://ir.uiowa.edu/bsides/

[3] Bunnett B., Bowler-Hill S., Kiscaden C. Enhancing student success with lecture capture at the University of New Mexico Health Sciences Campus. Paper presented at the New Mexico Technology in Education 2010 Conference, Santa Fe, NM. September 30, 2010.

[4] Carr R. Disaster Planning: Maximum Input. Abstract and poster presented at the 2010 Medical Library Association, South Central Chapter Meeting, October 18, 2010; Austin, TX. http://hdl.handle.net/1928/11817

[5] Carr. R., Bowler-Hill S., Perea J. Make the best use of your stuff: space and resource management using EMS. Presentation at the New Mexico Technology in Education 2010 Conference, Santa Fe, NM. September 30, 2010.

[6] Booth A, Eldredge JD. A voyage of discovery: identifying barriers to EBLIP in the Caribbean. Evidence Based Library and Information Practice. 2010 Oct; 5 (3): 68-72. Available from: http://ejournals.library.ualberta.ca/index.php/EBLIP.

[7] Eldredge JD, Palley T, Cosgrove E, Arndell C. Integrating Evidence-Based Practice (EBP) Knowledge and Skills into an Undergraduate Medical School Curriculum. Association of American Medical Colleges Patient and Populations: Public Health in Medical Education Conference. September 14, 2010. Cleveland, OH.

[8] Arndell C, Clithero A, Cosgrove E, Eldredge J, Geppert C, Kalishman et al. The University of New Mexico Public Health Certificate. Association of American Medical Colleges Patient and Populations: Public Health in Medical Education Conference. September 14, 2010. Cleveland, OH.

[9] Kroth PJ, Phillips, HE, Eldredge, JD. Evidence-Based Scholarly Communication: Information Professionals Unlocking Translational Research. Evidence Based Library and Information Practice. 2010 Dec; 5(4): 108-14.

[10] Kroth PJ, Phillips HE, Eldredge JD. The Evidence Based Scholarly Communications Conference: Capitalizing on the unique role of information professionals in translational research. Abstract and poster presented at the 2010 Medical Library Association, South Central Chapter Meeting, October 18, 2010; Austin, TX. http://hdl.handle.net/1928/11529

[11] Morley SK. Information Literacy: Significance in a Graduate Medical Education Population. Paper presented at the 2010 Medical Library Association, South Central Chapter Meeting, October 18, 2010; Austin, TX.

[12] Barnes, S J, Hamasu, C, Nail-Chiwetalu, B. A Place for Sharing - Outreach Connections: Native Health Information ', Journal of Hospital Librarianship. 2010; 10(4): 387-394.

LCF Research Investigator to Speak in the Biomedical Informatics Seminar Series

Jeff Blair, who is director of health informatics at LCF Research, is the scheduled speaker for the Thursday, February 10th session of the Biomedical Informatics Seminar Series (BioMISS). Mr. Blair is a funded investigator on several grants facilitating the establishment of the New Mexico Health Information Exchange (NMHIC). The title of his talk is *State Health Information Exchange Network: Lessons Learned by LCF Research.* Mr. Blair will speak on the current state of the Exchange and highlight some interesting recent developments. The seminar starts at 9:00 AM in HSLIC room 228. Everyone is welcome to attend.

Call of Nominations for HSLIC Student Awards!

Each year, HSLIC solicits nominations from the School of Medicine, College of Nursing, and College of Pharmacy faculty for its student awards. These awards recognize students who excel in various aspects of Biomedical Informatics, including teaching, information seeking and critical appraisal, and research. Recipients will each receive a $100 award.

To nominate a student, nominators should send a letter of recommendation to the award's faculty contact outlining why their nominee is deserving of this award. Letters may be sent on paper or as e-mail attachments. For the SOM Award for Excellence in Informatics and the CON Award for Excellence in Information Seeking & Critical Appraisal, nominators should also send an electronic copy of the student's research paper. The awards will be presented at the Annual Medical Student Award Ceremony in May, the College of Nursing convocation for graduating BSN students, or the COP Graduation Banquet.

Nominations are due by February 28th.

For information on the faculty contacts and qualifications for the individual awards, see the HSLIC Student Awards web page: http://hsc.unm.edu/library/awards.

Dick Carr, MALS, AHIP
Coordinator, Reference and User Support Services