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THE UNIVERSITY OF NEW MEXICO
HEALTH SCIENCES LIBRARY
AND INFORMATICS CENTER

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BI-MONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

Director's Update

Please note that distribution of *adobe medicus* is now predominately electronic via HSC Public Affairs as well as on the library web site: <http://hsc.unm.edu/library/adobemed/>. If you would like to continue to receive our newsletter in print, please contact Sally Bowler-Hill (sbowler-hill@salud.unm.edu).

This is the second issue of *adobe medicus* in which we've profiled one of the units of the Health Sciences Library and Informatics Center (HSLIC). The Academic and Clinical Services unit is the teaching, professional development, and consulting arm of library services.

One professional development activity recently sponsored by HSLIC was a seminar series on "Information and Medicine: A Blossian View of Medical Informatics," offered as part of the HSC Vice President's Leadership Forum. Stuart Nelson, MD, Head of the Medical Subject Headings Section at the National Library of Medicine led the seminars which covered the nature of medical descriptions, the proper use of man and machines, and problems in formalization. Over fifty faculty, staff, and students from UNM, Lovelace Sandia, National Center for Genomic Research, Sandia National Laboratories, TriCore Reference Laboratory, and the VA attended the sessions February 17 and 18th (see photo below). Dr. Nelson will return to campus April 6 and 7th. The seminar on April 6th (9:30 - 11:30) will cover: "Vocabulary Development and Maintenance—The Example of MeSH" and "Practical Considerations in Interoperability—The Case of the Unified Medical Language System." The April 7th seminar will be a workshop to allow attendees to test their assertions, present problems, and discuss actual work examples. For more information about the seminar series, please contact me directly.

This seminar series is an excellent introduction to medical informatics and the library's newest faculty member, Philip Kroth, MD, MS who has joined the HSLIC faculty as Assistant Director of Health Informatics Program Development. For more information on Dr. Kroth, see page 4.

Holly Shipp Buchanan, MLn, MBA, EdD
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Dr. Nelson answers questions from the audience.
Photo by Sally Bowler-Hill.

The ABCs of ACS

In the popular imagination librarians are seen as passive, mostly introverted people. Faculty members in the Academic and Clinical Services (ACS) unit, however, defy this stereotype. ACS faculty members spend most of their time actively interacting with the HSC community and its partners.

ACS faculty members devote a large portion of their time training others how to obtain high-quality health information more effectively. They provide library and informatics training in every HSC academic degree program. They also teach specialized courses, including the Library Instruction Series (LIS) classes, which can be tailored to groups of 4 to 12 individuals.

In addition, ACS faculty members develop collection resources in specific subjects, serve as liaisons to programs and departments, provide one-on-one instruction while serving on the public service desk, perform literature searches, and provide distance services.

This issue of *adobe medicus* focuses on the myriad information literacy activities of ACS faculty members, who include:

Jon Eldredge, ACS Coordinator
Ingrid Hendrix, Nursing Librarian
Charity Karcher, Pharmacy Librarian
Sarah Morley, Clinical Services Librarian
Distance Services Librarian (open)

We hope that you will get to know us better through this special issue.

Jonathan Eldredge, MLS, PhD, AHIP
Academic and Clinical Services Coordinator

Distance Services Librarian

HSLIC is currently recruiting for the Distance Services Librarian (DSL) faculty position in the ACS unit. This new position is devoted to providing services to our off-campus constituencies.

Like other ACS faculty members, the DSL directs a large percentage of effort training others how to more effectively obtain high-quality health information. The DSL represents a new model for providing distance services, spending most of the time at UNM rather than traveling

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Two Adjunct Faculty Members Join HSLIC Ranks

In late 2003 the HSLIC faculty voted to accept two adjunct faculty members: Linda Morgan Davis, MLS, MBA, and Barbara Hau, RN, MS. These are the first two adjunct faculty to join the regular HSLIC faculty.

Ms. Davis is currently Chief Medical Librarian and Manager of Organizational Effectiveness Support Services at Lovelace Sandia Health Systems. In the past two years, she has received four grants from the National Network of Libraries of Medicine South Central Region (NN/LM SCR), including two Internet connectivity grants for the Santa Fe Indian Hospital and the Albuquerque Area Indian Health Services Dental Clinic. In addition to her work with American Indian health providers, Ms. Davis has experience in the consumer health arena and works closely with patients and nurse educators at Lovelace. She has published articles and presented papers and posters in both areas. Ms. Davis has contact with UNM HSC housestaff and students from the College of Pharmacy and the College of Nursing as they rotate through the Lovelace Sandia system, and is actively involved in local, regional, and national library associations.

Working in Taos, Ms. Hau is currently the Project Coordinator for "Internet: a Change Agent for Rural Multicultural Adults," a National Cancer Institute grant, to assess the effect of web-delivered health information on cancer prevention behaviors among the populations of Northern New Mexico. She received a National Library of Medicine fellowship in Applied Informatics (1998-2001), basing her work at La Plaza Telecommunity in Taos. Her research interests converge with her interest in educating residents of the community about health-related topics. She will be a valuable resource to HSLIC as well as the greater HSC in reaching the populations of Northern New Mexico.

On the Fabric of the Human Body

In 1543, at the age of twenty-eight, the Flemish anatomist, Andreas Vesalius, published his chief work, *De humani corporis fabrica (On the Fabric of the Human Body)*. It was one of the first printed efforts to expand and correct the work of Galen, a second-century Greek who had been the accepted authority on human anatomy for over a thousand years. When it was printed, this book, with its anatomical illustrations, was considered revolutionary in content, in format, and in intent.

Written in classical Latin and containing illustrations that were works of art, the book was meant for European intellectuals who could appreciate and afford it, as well as physicians and academicians. Vesalius used drawings to demonstrate the art of dissection and integrated the illustrations with the text, making both indispensable to the author's arguments. The book was large, 16 x 11.5 inches, and contained seven hundred pages printed on heavy paper. Vesalius requested the use of two different type fonts and had historiated initials (initial letters ornamented with representations that have a narrative) created for book and chapter titles.

Over the centuries, the woodblocks created to print the images for the *Fabrica* passed through several hands, then dropped from sight until most of them were rediscovered in the loft of a university building in Munich, Germany. In 1935, the New York Academy of Medicine and the University of Munich Library commissioned a work using the woodblocks titled *Andreae Vesalii Bruxellensis Icones anatomicae ediderunt Academia medicinae nova-eboracensis et Bibliotheca Universitatis monacensis*. Six hundred and fifteen copies were printed. In 1943, during the Allied bombing of Munich, the original woodblocks were destroyed.

One of the 1935 volumes was donated to HSLIC in 1975 by Dr. A. H. Schwichtenberg and is part of the New Mexico Health Historical Collections. In addition to this rare book, HSLIC owns two copies of a 1964 printing of the *Fabrica*, a signed copy of the 1944 *Quartercentenary of the Publication of Scientific Anatomy (1543-1943), A Description of the Fabrica with Reproductions of Some of the Illustrations*, and a signed copy of the 1910 book, *Andreas Vesalius, the Reformer of Anatomy*, by James M. Ball. All may be found on the library's online catalog and viewed by appointment in the Archives Room.

Peggy McBride, MLIS
Archivist

Janis Teal, MLS, MAT, AHIP
Deputy Director, Library Services

Sarah Morley, MLS, AHIP
Clinical Librarian

New Spam Filter at salud.unm.edu Gateway

In response to increased concern about the impact of unsolicited mail on employee productivity and HSC email systems, HSLIC TECHS and UNMH IT have installed spam filtering software on the salud.unm.edu gateway. This filter is designed to limit the amount of junk email (spam) distributed to individual GroupWise accounts.

Similar to CIRT's junk mail management system, the salud.unm.edu filter is set at a relatively nonrestrictive threshold. Messages from the .edu, .gov and .org domains are not screened. Messages from other domains (.com, .net, etc.) are evaluated and scored according to the message type, route, origin and several other parameters that are known to identify spam. Only messages which accumulate a high score are blocked from the GroupWise system. When a message is blocked, an automated reply to that effect is

returned to the sender. In the rare case that a valid message receives a high spam score, the sender's address can be added to an exception list maintained by the GroupWise postmasters so future messages from that sender can pass through the system unimpeded.

Over the last few weeks the filter has dramatically reduced the amount of spam distributed to salud.unm.edu accounts. While the response to the filtering has been generally positive, we recognize that the filter adds a potentially confusing layer of complexity to an already complex system.

The URL below provides additional details on how the spam filter works, how to re-

quest an exception and how to take full advantage of the junk mail management features in the new GroupWise client.

<http://hsc.unm.edu/library/usersupport/BestPractices/spamfilter.shtml>

Email filters generally require several weeks of tuning so that the maximum number of unsolicited nuisance messages are blocked while all valid communications are allowed to pass. During the tuning period there is a possibility that a few users may not receive a valid message from a particular sender outside the GroupWise system. Every effort has been made to ensure valid communications will be accepted, but if you believe the filter has blocked an important business communication, please let us know by completing the form found on the page mentioned above. We appreciate your patience and assistance in helping us adjust the system for everyone's benefit.

Greg Gaillard
Deputy Director, Technology Support



Illustration from *Fabrica* and other items available for viewing in the NMHHC. Photo by Barry Staver.

Clinical Medical Librarian

Sarah Knox Morley, Clinical Medical Librarian since June 1999, provides services in the clinical setting by participating in patient care rounds with UNM HSC Internal Medicine teams. In this role, she supplies information or literature in response to clinical questions for specific patients and conditions. By extending services beyond the library walls, information can directly affect patient care management decisions, saving both patients and practitioners time and expense. This value-added service increases the ability to meet the knowledge-based information needs of the healthcare provider in a timely and efficient manner. In addition to enhancing patient care, a clinical medical librarian can use rounds as an educational tool to teach members of the healthcare team how to frame a clinical question, identify appropriate information sources, and perform relevant searches.

In Fall 2003, Sarah joined Ben Hoffman M.D. and Walter Dehority, M.D. in a pilot project to offer Patient Oriented Evidence-based Medicine (POEM) training to residents in the Pediatric Department. This project has evolved from initial database search training sessions to her active participation in Friday morning Pediatric Case Report. Departments interested in including a librarian in their clinical or educational activities are encouraged to contact Sarah for further information. smorley@salud.unm.edu

As member of the Graduate Medical Education (GME) Internal Review Committee, Sarah works closely with the GME department and coordinates the annual Informatics Orientation for incoming Interns. As part of the new Intern Orientation, each physician receives an introduction to HSLIC resources, such as full-text journals and available databases, as well as training in the use of GroupWise and PowerChart. Sarah is a tutor in the Transitions Block and participates in new student and new faculty orientations. She also teaches classes in the Library Instruction Series, provides reference services, and designs customized solutions to meet specialized information requirements.

Sarah Knox Morley, MLS, AHIP
Clinical Librarian

Nursing Librarian



Ingrid at the Info. Desk with Jim Bynum. Photo by Barry Staver.

In order to facilitate information literacy education and the development of library resources, Ingrid Hendrix was hired two years ago to become the Nursing Librarian. Ingrid works extensively with the faculty, students and staff of the College of Nursing teaching classes on library research, providing consultations (both in person and via email) and participating in curriculum committee meetings at the College. She also works closely with the Clinical Nurse Research (CNR) at UNMH promoting quality improvement programs and research by hospital and clinic nurses, by providing literature searches through a special program in conjunction with the CNR's office.

Ingrid is also the library's expert on two bibliographic management software programs, *Endnote* and *RefWorks*, which help students and faculty organize their research and create bibliographies.

As a member of the Institutional Animal Care and Use Committee, she reviews protocols, performs lab inspections, and attends the monthly meetings.

You may see Ingrid at the Information Desk or providing reference service during her "on-call" hours. She has also recently become the liaison to the Occupational and Physical Therapy programs and will be working with the faculty in those programs to develop information literacy training and library resources.

Ingrid Hendrix, MILS, AHIP
Nursing Librarian

Looking Beyond Medline for Drug Information

Finding good drug or pharmacy-related information is sometimes a challenge, even with the many resources available to users. There are a number of different databases, indexing different aspects of published research, that may help users find just the articles they need.

MEDLINE is often the first resource people use when looking for articles on drug or pharmacy-related information. While a great resource, MEDLINE is not the only one. International Pharmaceutical Abstracts (IPA) is a sometimes overlooked index available via the OVID interface. IPA has international coverage of pharmaceutical science and health-related literature from 1970 to the present. It provides information on drug therapy and toxicity, as well as pharmacy practice issues, biopharmaceutics, technology, pharmacy education, economics and ethics. For information on natural medicines, herbal products and dietary supplements, the Natural Medicines Comprehensive Database is a well-regarded and easy-to-use resource.

HSLIC users also have access to databases available through UNM General Library. Psychinfo, available via the EBSCOhost interface, indexes psychological and psychiatric literature and can be a helpful source of additional psychopharmacologic information. Agricola, produced by the National Agricultural Library, covers materials pertaining to agriculture and animal science, including veterinary medicine. Finally, the Cambridge Scientific Abstracts Internet Database Service can direct users to information on toxicology and the environmental sciences, including pollution, microbiology, ecology, and water resources.

Additionally, there are databases available through the National Library of Medicine (NLM). The International Bibliographic Information on Dietary Supplements database (IBIDS) can help users find information on dietary supplements. Using Material Safety Datasheets (MSDS) from manufacturers, the Household Products Database provides information on thousands of common consumer brand products—including household cleansers, personal care products, pesticides, lawn care products, etc. NLM's Toxnet also provides more toxicological or environmental information. Online access to all of these databases is free.

Navigating through these different electronic databases and interfaces can be overwhelming, and the staff at HSLIC is available for help and suggestions with searching.

These are just some drug information resources. For more on drug information resources, please check out the database page at the HSLIC (<http://hsc.unm.edu/library/databases.shtml>) or contact Pharmacy Librarian Charity Karcher (ckarcher@salud.unm.edu).

Charity Karcher, MLIS
Pharmacy Librarian

DSL Continued

extensively. To do this, the DSL uses 21st Century technologies to provide services from a distance. When in-person training is needed, the DSL provides it at the remote location or enlists other ACS faculty members to provide the training.

New Mexico has many information needs, and the DSL will conduct ongoing needs-assessments while aligning efforts with special populations targeted as most in need by the HSC. We envision the DSL's work will align with HSC continuing education events and conferences. To this end, this librarian will work closely with HSC Preceptorship Programs, providing useful training opportunities for healthcare professionals in the state.

Jonathan Eldredge, MLS, PhD, AHIP
Academic and Clinical Services Coordinator

Movin' In and Movin' Up

She's not walking around with a badge (yet), but with **Janelle Edmister** as our new **Technical Support Administrator III** focusing on security, we feel protected. A Cisco Certified Network Engineer, Janelle left the library for awhile when offered the opportunity to experience another arm of the university technology community. We are delighted to have her back in the library working in this important area. With her experiences in other areas at UNM, Janelle is well-equipped to represent us in meetings with the CIRT and University Hospital security teams and to help us join with them to build our common defenses.

Philip (Phil) J. Kroth, MD, MS, Assistant Professor and Assistant Director, Health Sciences Informatics Program Development, has a life that demands an expert in information acquisition, management and retrieval, just to keep it organized! Charged with the creation of the new UNM HSC Medical Informatics Training Program, Phil will be: developing a curriculum, teaching, recruiting fellowship candidates, supporting the integration of informatics in all three HSC colleges, researching opportunities for HSC to partner with various other units at UNM, supervising residents as an attending physician in the UNM HSC Department of Internal Medicine, seeing patients in the outpatient clinic, and traveling between his home in Albuquerque and his home in Scottsdale, where his wife has a Med-Peds practice. Phil will spend 20% of his time working with Internal Medicine, and 80% of his time at the library — and, he'll be giving the UNM Health Sciences Center 110%!

Linda Byrd, HSLIC's **Information Systems Planner** has left to pursue other interests.

Sally A. Bergen, MLn
RUSS Manager of Library Operations

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medicus

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What do you think of this publication? Please send feedback to sbowler-hill@salud.unm.edu or write to us:

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Library Hours:

Monday -- Thursday	7:00 AM - 11:00 PM
Friday	7:00 AM - 6:00 PM
Saturday	9:30 AM - 6:00 PM
Sunday	Noon - 11:00 PM

Holiday and break closures will be posted in the Library.

Information:

Library Information	505-272-2311
Library Administration	505-272-0634
Fax	505-272-5350
Web Address	http://hsc.unm.edu/library

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