

2002

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# adobe medicus

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THE UNIVERSITY OF NEW MEXICO  
HEALTH SCIENCES CENTER

## INSIDE:

New Fees .....	3
Changing Faces .....	4
Instruction Series .....	5
INFOTECHNICA .....	8-11

QUARTERLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

## Director's Update



In April, I was invited to talk about NLM services to UNM child psychiatry housestaff; most of the information that follows is from that presentation. NLM was founded in 1836 as the Office of the Surgeon General of the Army; renamed the National

Library of Medicine and moved to the Public Health Service in 1956; and became a component of the National Institutes of Health in 1968 and the Lister Hill National Center of Biomedical Communications was created as NLM's R & D arm.

In 1965 the Medical Library Assistance Act authorized extramural programs to improve U.S. medical library and health resources, technology, and manpower. Online access to databases began in 1971 via MEDLINE and in 1988 the National Center for Biotechnology Information was created to build databases and information analysis/retrieval systems for genomic information and research advanced information-handling methods for biotechnology and related information.

The HSLIC serves as a Resource Library for New Mexico in NLM's National Network of Libraries of Medicine,® NN/LM (Contract # N01-LM-1-3515). Through this outreach contract, we are able to provide information services, e.g., LOANSOME DOC and interlibrary loan, and training throughout the state and support various information initiatives for consumers and health care practitioners (see articles on page 2). As director, I serve on the Regional Advisory Council for the 5 states that comprise the South Central Region of the NN/LM.

Five HSC faculty and staff have attended NLM's Woods Hole Medical Informatics training program, including Fred Hashimoto, MD; James Jenson, MD; Janis Teal; Eileen Sullivan; and myself. Diane Wax and Dale Alverson, MD have been accepted for classes in 2002.

During the past four years, NLM has funded various initiatives that have developed information resources. NLM funded the development of the Native Health Historical Database (<http://hsc.unm.edu/nhhd>) and is currently funding creation of the Latin American Social Medicine database (<http://hsc.unm.edu/lasm>), Grant #1 G08 LM06688, PIs: Drs. Waitzkin and Buchanan. During 2002 we are completing work undertaken with receipt of an IAIMS planning grant, Grant #5 G08 LM06755, PI: Drs. Buchanan and Hashimoto; see article on page 8). The grant also funded the Vice President's Leadership Forum on information technology. This forum was initiated in March 2001 with a presentation by Valerie Florance, PhD, formerly with the

Association of American Medical Colleges. Other speakers have included Zoe Stavri, PhD who taught in June 2001 on NLM's Unified Medical Language System. On January 31, 2002, Charles Friedman, PhD, Associate Vice Chancellor and Director of the Center for Biomedical Informatics at the University of Pittsburgh, talked to HSC leadership about how to create an informatics community. NLM also has funded projects in other departments; an example is the New Mexico Aids InfoNet (<http://www.aidsinfolnet.org/>) developed by the Infectious Diseases Division of the Department of Medicine.

NLM also provides opportunities to hone grant writing skills. As an example, in 2000 I served on an NLM review panel for Internet connectivity grants and in July 2002 I'll serve on a panel reviewing proposals for digital libraries.

In March, we hosted an Associate from the National Library of Medicine (NLM) for a week (see article on page 7). This visit provided another opportunity to introduce our library and staff to recent developments at the national level is another example of the many ways that NLM has provided support and development to this library and to the HSC.

### Reorganization

In April we implemented a new organizational structure to facilitate growth, enable quick action, balance workload, and develop future expertise and leadership. The new organization chart reflects a revised cluster of units and integration of responsibilities. Descriptions of the new units will be included in the next issues of *adobe medicus* but a summary is provided below.

Four units in library services have been created: Academic and Clinical Services (led by Jon Eldredge, PhD); Reference and User Support Services (led by Dick Carr who joins us mid-May from the Medical College of Wisconsin); Collection Resources (led by Christee King who replaces Ruth Morris); and a new unit of Special Collections (to be led by a new Senior Program Manager). Janis Teal, MLS, MAT, will assist me in this area as Deputy Director. Three units in technology support services have been created, formed by the consolidation of HSC Computer Services and the library's technology integration and library services unit (TILS): IT Systems (led by Barney Metzner); Web Development Team (Led by Kevin Wiley) and User Support (to be led by a new Manager of User Support Services). Greg Gaillard will assist me in this area as Deputy Director.

Holly Shipp Buchanan, EdD  
Director  
[hbuchanan@salud.unm.edu](mailto:hbuchanan@salud.unm.edu)

# Consumer Health Librarian Now at HSLIC

Sharon A. Lezotte, MHE, MLIS joined the faculty at the Health Sciences Library and Informatics Center (HSLIC) in November, 2001, as Outreach and Consumer Health Librarian. Outreach has long been a program offered by the Library, and now it is being expanded to address the health information needs of the people of New Mexico.

What efforts are under way to establish the consumer health program?

I. Training and education of public librarians in New Mexico. Sharon is making four junkets, one to each quadrant of the state, in order to meet and train public librarians. Topics covered will be:

- The role of the public librarian in assisting consumers to access health information
- Quality WEB resources for consumer health information
- Sources of multilingual health information
- How to conduct a medical reference interview with a consumer
- Bibliographies to assist in collection development by the local libraries
- The role of the National Network of Libraries of Medicine, including this library as a Resource Library

II. Support for the anticipated 15% of information needs which cannot be met by public libraries. Sharon is working with the New Mexico State Library to arrange financial support for reference work referred by public librarians to the HSLIC. This support would enable the HSLIC to provide information back to the public librarian for use by the consumer.

Consumer Health is becoming an important area of medical librarianship. The Medical Library Association recently announced a certification program in Consumer Health, and Sharon A. Lezotte was one of the initiators of this national program.

Janis Teal, MLS, MAT  
Deputy Director, Library Services



Hello, I've recently joined the staff at the HSLIC as the Outreach and Consumer Health Librarian. In this role I am responsible for supporting activities concerned with information literacy needs that are not located directly on the HSC campus, as well as, creating and developing the consumer health information piece of the HSLIC. This will include expanding awareness of the Internet medical/health resources that are accessible to the public through marketing and training opportunities. As an essential part of the community's health information delivery system there will be efforts to support New Mexico's public libraries, consumer health resource centers, and consumer, public health, and allied health organizations with their information needs.

Outreach/Consumer activities I've undertaken since my arrival to New Mexico in November have involved orientation to the daily activities of this health information system. After a good discussion with the New Mexico State Library, I've started offering workshops for the public librarians around the state to support their knowledge and skills to work with consumers and their medical/health questions. I've enjoyed meeting and working with the public librarians and community college librarians. We will be developing a deposit account to partner with the public librarians to address their more complex medical inquiries. In April, I attended the Fourth Annual Conference of Working Together for Diabetes Prevention In American Indian Communities, "Using Harmony in Food Wisdom and Active Lifestyle" and demonstrated the MEDLINEplus Internet information organized for consumers and the **Native Health Research Database** which includes health research articles about diabetes. I also attended the annual New Mexico Library Association meeting and participated in the annual New Mexico Public Health Association meeting, both in April.

As my last introductory Outreach/Consumer comment, I'm letting you know that the Outreach memberships will be changing. The financial structure of obtaining the needed medical/health articles has increased over the last six years, and our charging structure has not. There will be reasonable increases in charges so we will be able to continue to service your informational needs. The good news is that we will be simplifying the charging structure. As soon as we finish clarifying all of the details, outreach members will receive a letter explaining the changes. A summary of the new changes appears on page 3. Of course myself, and if I am not here, Wendy Roberts will be available to answer any questions that you might have about the changes. Contact me at 272-4943 or by email at [slezotte@salud.unm.edu](mailto:slezotte@salud.unm.edu). May all of your activities perk right along.

Sharon A. Lezotte, MHE, MLIS  
Outreach and Consumer Health Librarian

## NLM Associate at the HSLIC

March 11 - 15<sup>th</sup> the HSLIC hosted a National Library of Medicine (NLM) Associate for a one week spring practicum. This practicum week gives associates from the National Library of Medicine program a chance to see how leading edge libraries actually work. Laura Heilman chose to visit us because we are an IAIMS site, have a clinical librarianship program, are involved in evidence-based practice and are involved in various consumer health initiatives. Laura is interested in web-based user training. Laura's Masters in Library Science (1991) is from the College of Information Studies at the University of Maryland, College Park where she concentrated in health sciences librarianship. While a graduate student she worked at the AIDS administration Resource Center, a small AIDS information library. Laura was able to spend time with each of the Library's faculty and even spent time with Dr. Hashimoto learning about clinical information systems used at UNMH.

Mary Denison  
Supervisor, Administrative Support

# Fee Schedule Simplified

Name one thing you buy today which hasn't had a price increase since 1998. Better yet, name one thing you buy today which hasn't had a price increase since 1995. Believe it or not, there are two major library services which have not had price increases in those time periods. The last price increase in document delivery and interlibrary loan was in 1998; the last increase in the cost of mediated searches occurred in 1995.

After four and more years without a review of fees, library staff recently undertook a needed review of the fee structure for these services with the following results.

Effective July 1, 2002, three rates of service will be established: Affiliated Rates (for the Health Sciences Center and UNM faculty, students, and staff, including residents); Health Care Rates (for Individual Outreach members and Health Care deposit accounts); and Unaffiliated Rates (for all others). For further explanation of changes in the Outreach membership program, readers should see Lobo Tracks in this issue of *adobe medicus*.

In addition to defining rates of service, fees have been simplified. Prices for interlibrary loan and for document delivery will now be charged at the same rate. In the past, these two services were charged at different rates for all users outside of UNM. Now, unless they require rush delivery, no requesters will pay more to send away for articles from other libraries (interlibrary loan), than they do for document delivery (photocopying of articles by document delivery staff at the Health Sciences Library and Informatics Center).

Users who require rush service of articles will be accommodated as follows. Document delivery and interlibrary loan staff will use a commercial service which is able to meet the time demands of rush requests. All fees charged to the library by the commercial service provider will be billed back to the requester along with an additional service charge for each article.

These fees are in line with a review of fees for similar services at academic health sciences libraries throughout the United States. The average cost to this library of providing an interlibrary loan is between \$20 and \$40, depending on royalty fees. The average cost of conducting a mediated search of the literature by a professional searcher is \$35-\$70, depending on the complexity of the topic. The library anticipates that these adjustments to fee structures will balance our ability to meet users' needs with equitable recovery of expenses. Comments may be directed to [jteal@salud.unm.edu](mailto:jteal@salud.unm.edu), or 272-4688.

Janis Teal, MLS, MAT  
Deputy Director, Library Services

## Library Fee Schedule, Effective July 1, 2002

	HSC and UNM Faculty including Preceptors, Volunteer Clinical Faculty, and Retired/Emeritus Faculty, Students, GME Residents <sup>†</sup> , Staff	Individual Outreach Memberships	Health Care Deposit Accounts (Open to NM hospitals, clinics, govt agencies & other not-for-profit healthcare institutions in NM)	Unaffiliated/public/non health care deposit accounts/UNM alumni
Searches, mediated- Rush add \$20	AR \$30	AR \$30	AR \$30	UR \$60
Document Delivery Service	AR \$6	HCR \$9	HCR \$9	UR \$15
ILL	AR \$6	HCR \$9	HCR \$9	UR \$15
Rush DD/ILL	\$20 SC PLUS*	\$20 SC PLUS*	\$20 SC PLUS*	\$50 SC PLUS*
Special	<sup>†</sup> Residents can request Latch searches For patient care at \$20 (paid by GME)	Membership options: \$125 \$250 \$500 A separate CME option exists also.	Requires minimum initial deposit plus documentation of non-profit status	

\*\$ SC PLUS=service charge PLUS all vendor fees per article

AR =Affiliated Rates, HCR = Health Care Rates, UR Unaffiliated Rates



## Attention

Print serial titles held by the HSLIC are now available in PubMed as part of a beta test of NLM's "linkout" feature. This should be helpful to your searching - - tell us what you think about this new service. ([cking@salud.unm.edu](mailto:cking@salud.unm.edu))



# Changing Faces at the HSLIC

## ARRIVED:

After spending five years building a network for Premier Distributing Company and connecting them to Budweiser, artist **John Abrams** has etched a place for himself here. He's working as a **Senior LAN Administrator**. When John says he's looking forward to summer camp, he's not painting a picturing the Library—he's talking about where he'll send his three kids this year. John's a UNM brat; both of his parents taught in the Fine Arts Department.

Soccer coach and **User Support Analyst II Nathan Parker** consistently scores in reaching the goals he pursues. During high school he worked as a CIRT summer intern; post-graduation, he moved to the Physical Plant to develop a scheduling system; then worked as a student employee for Computer Services before winning his current position. Nathan played AYSL soccer as a ten-year old, started assistant-coaching, then decided, "...it was my turn to give back to this all-volunteer organization," and now coaches the fabulous Hawks.

**Ingrid Hendrix** (MLIS, University of Michigan; Distinguished Member, AHIP) left the Emory University Health Sciences Library to join us here as a new faculty member, Lecturer III and **Nursing Librarian**. She likes having a constituency of her own, and is pleased to work with the nursing community. Ingrid feels that, because of the holistic approach they take in medical settings, nursing professionals and students have unique information needs that are at risk of being overlooked. She's already made a difference with her constituents—they ask for her by name—sometimes, they call her Gretchen or Helga, but we know whom they want.

When she's not moving around the state as the **Outreach and Consumer Services Librarian**, **Sharon Lezotte** may be found moving in a local Qigong class. She was a Consumer Health Coordinator with the National Network of Libraries of Medicine at the University of Nebraska before starting here, having gone there from the Christiana Care Health System. Sharon earned an MLIS from the University of South Florida and an MHE from the University of Florida—she's morphed from a Bull, to a Gator, to a loyal Lobo.

**Linda Byrd, Information Systems Planner**, is a natural-born project manager. At home, while in the (what else?) flying bird yoga posture, she schedules four cats, one dog, and one eight-year old girl who has lots of after-school activities. Somehow, she was able to include managing the purchase of Qual-Med to her activities when she worked as a managed healthcare consultant. Now she's on the IAIMS Project Team, with responsibilities for KMIT and IAIMS strategic planning; and dreaming of adding acres, goats, and llamas to her task list.

Although both parents hailed (or was that sailed?) from here, this is the first time Navy brat and **System Analyst III Janelle Edmister** has lived in New Mexico. Living in Texas, working as a Cisco Network Engineer for Network Architects, Janelle decided that post-boom Austin was too hot, too humid, and too expensive. She portaged her Chihuahua and Chihuahua/Jack Russell blend to the home of her extended family of teachers and school superintendents. The only thing she doesn't love here is the high cost of oceans of body lotion.

You get up from your ergonomically-correct and comfy Herman Miller chair, drive the car to the station, and pump that winter ethanol in—**Kim Hagen** has touched your life. Corn in the gas could well be from her family's farm; and one of Kim's San Francisco dot com experiences was with the Aero chair section of Herman Miller website. As our new **Analyst/Programmer III**, Kim will ensure that the web database applications of HSC administrative departments are as fine as our chairs.

As part of the HSC/UH team coming up with desktop standards, it can't hurt that **Seth Pershan** lived for three years with the peace-loving people of Rotuma, an island in Fiji. A Peace Corps volunteer, he started a Physics program in the local high school and taught math. He signed up for an extra year, having fallen in love with Rotuma, Rotumans, and the woman who was to become his wife. Here at HSLIC, **Technical Support Analyst II Seth** has fallen in love with the TECHS goal of building the infrastructure to deliver a better product.

## MOVED:

Family obligations required that **Ruth Morris**, Associate Director, Collection Resources, move to Virginia. Since starting here in 1995, Ruth represented the technical services area in Library senior management decisions. She helped increase the scope of and access to the Library's collection through her administration of the Native Health History Database (NHHD) and Native Health Research Database (NHRD). During 1997, the first SCAMEL (South Central Academic Medical Libraries) research grant was awarded to Ruth for her study of the effectiveness of online tables of contents in library catalogs. She assessed the use of online records enhanced with book contents in our own catalog, coming to the conclusion that the added data increases the catalog's usefulness for library patrons. We hope that she finds as much beauty in Virginia as she found here.

## RETIRED:

**Janet Johnson** doggedly pursued items and information for the New Mexico Health Historical Archives for 15 years. After participating in its inception as the New Mexico Medical Historical Program, Janet worked to increase the scope and develop the original collection into an Archives. She saved artifacts with the same determination, loyalty and care that she uses in fostering Basset Hounds for a doggone long time with Basset Hound Rescue of New Mexico. Having returned part-time to help with Archives transitions, Janet still keeps her ears to the ground finding materials. Read more about Janet in the Archives column, next page.

Sally A. Bergen  
Manger of Library Operations



Janet's retirement celebration at the HSLIC.  
From left to right: Ed Aalseth, Lupe Baca, Janet Johnson, and Elizabeth Ann Burki, RN, PhD  
In background: Manuel Archuleta, MD, and Janis Teal

# Good News & Bad News for the HSC Archives

1984 was a banner year as it marked Janet Johnson's hiring as the first archives manager to continue the development of a historical medical and public health "special collection." Over the years an archives took shape and Janet became a *factor factotum* for the health sciences campus, the New Mexico Medical Society, and any person with a good story and an attic full of memorabilia to give to the New Mexico Medical History Program, as it was called at the time.

Many archival projects have evolved thanks to Janet's vision and persistence. Janet and Dr. Jake Spidle, from UNM's History department, collaborated on the New Mexico Oral History Project, which now contains 193 interviews with retired physicians and other health professionals from throughout the state. Janet personally visited the Valmora Sanatorium in Mora County during 1988-89, where she stayed in an old cottage for TB patients and spent time with the doctor who had been first a patient, in 1926, then a physician, and finally the medical director. While listening to his stories, Janet searched the sanatorium's buildings from top to bottom to collect bits and pieces of history from the time when New Mexico was a destination for thousands of hopeful tubercular patients. Through her archival contacts around the state, Janet has made many friends and has been an incomparable ambassador for the library and the university.

Now for the good news/bad news. The bad news is that Janet retired from UNM on March 31, 2002. The good news is that she has agreed to take time from her basset hound rescue work and mystery reading to work part-time to finish some projects dear to her heart and to train the new archivist. The archives will reduce hours for research and reference questions through the end of the summer (see webpage for details). In the meantime, Janet Johnson, a walking encyclopedia on health care in New Mexico, will be asked to make one final contribution by giving an oral history for the archives.

Peggy McBride, MLIS  
Archivist



## Instruction Series

The UNM Health Sciences Library & Informatics Center offers regularly scheduled free classes to affiliated faculty, students, and staff. These classes pertain to a variety of practical skills, as listed below. Please call 272-2311 to reserve your spot.

### Ovid Web MEDLINE

Offers an overview of database searching via the Ovid interface. Includes basic textword and subject searching, combining concepts, focusing or limiting results, viewing and saving results. This class will focus on the Medline database and will not cover general web searching. 1.5 hours. CME credit available.

### Introduction to Web Searching

This class aids searchers in finding information on the World Wide Web more quickly and efficiently. Reviews sources of online information, different search tools—such as indexes and search engines—and how to use these tools to quickly and more effectively find information on the World Wide Web. 2 hours.

### Library IQ

An introductory class for UNM students, staff and faculty. Learn how to use the online catalog to identify which books and journals the library owns, and where materials are located in the library. You also will learn about interlibrary loan, how to verify citations, how to find full text online journal articles, and how to access the Library's databases and electronic journals from home. 1.5 hours.

### Basic GroupWise

Participants will learn basic messaging functions such as sending and responding to emails, using the address book, creating groups, and scheduling on the calendar. This class also will cover GroupWise access via the Web. 2.5 hours. CME credit available.

### Advanced GroupWise

Enables participants to: archive mail; utilize Sort and Find functions; share folders; create Rules; and, otherwise improve productivity using GroupWise. 2.5 hours. CME credit available.

### Using FrontPage 2000 with HSC Departmental Webs

Familiarizes attendees with basic concepts of mastering a departmental website within the HSC. Attendees will learn how to use FrontPage to connect to a server, create and edit web pages, and publish them to the World Wide Web. Emphasis will be placed on working with the HSC Web Development Team to prepare, design, implement, and maintain a web site to conform to HSC standards. 2.5 hour class, HTML experience is not required, only dedication to a large project.

### Presentation Software Basics

At the end of this course participants should be able to: convert a presentation idea into a coherent presentation outline; select and to tailor basic presentation templates, as appropriate, for their presentations; and, create a basic presentation which includes specific techniques. 2.0 hours.

### Endnote Basics

This hands-on class is an introduction to the Endnote software program. Endnote is a personal file management program that creates a database of your research references and automatically formats your manuscript's bibliography. Topics covered will include manually entering references into your database, searching Ovid and downloading your references into Ovid, and creating a bibliography.

For more information, please contact me at 272-0654 or via email [jeldredge@salud.unm.edu](mailto:jeldredge@salud.unm.edu). Suggestions for new courses are always welcome.

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

Our own Jonathan Eldredge, PhD has been invited to serve on the National Library of Medicine's oversight committee for the revision of its Collection Development Manual.



In the wake of the anthrax threat, the specter of biological warfare has become more of a reality. Bioterrorism is becoming less of a question of 'if' and more of a question of 'when'. With this in mind, a sampling of citations are listed below on such topics as clinical signs and symptoms of biological weapons, disaster preparedness, and the psychological impact of bioterrorism. This is just a small sample of the many articles that appear in the literature. The following was developed from a search in Medline, PubMed, and CINAHL on the search term bioterrorism. All articles listed are available from the Health Sciences Library and Informatics Center, either in print or electronically.

Beeching NJ. Dance DA. Miller AR. Spencer RC. Biological warfare and bioterrorism. [Review] *BMJ*. 324(7333):336-9, 2002 Feb 9.

Streger MR. Chemical and biological weapons. *Emergency Medical Services*. 31(1):34, 2002 Jan.

Jonas WB. Directions for research in complementary medicine and bioterrorism. *Alternative Therapies in Health & Medicine*. 8(2):30-1, 2002 Mar-Apr.

Eachempati SR. Flomenbaum N. Barie PS. Biological warfare: current concerns for the health care provider. [Review] *Journal of Trauma-Injury Infection & Critical Care*. 52(1):179-86, 2002 Jan.

Stopford BM. Responding to the threat of bioterrorism: practical resources and references, and the importance of preparation. [Review] *Journal of Emergency Nursing*. 27(5):471-5, 2001 Oct.

Norwood AE. Holloway HC. Ursano RJ. Psychological effects of biological warfare. [Review] *Military Medicine*. 166(12 Suppl):27-8, 2001 Dec.

Henchal EA. Teska JD. Ludwig GV. Shoemaker DR. Ezzell JW. Current laboratory methods for biological threat agent identification. [Review] *Clinics in Laboratory Medicine*. 21(3):661-78, 2001 Sep.

Burgess TH. Steele KE. Schoneboom BA. Grieder FB. Clinicopathologic features of viral agents of potential use by bioterrorists. [Review] *Clinics in Laboratory Medicine*. 21(3):475-93, viii, 2001 Sep.

Centers for Disease Control and Prevention. From the Centers for Disease Control and Prevention. Investigation of bioterrorism-related anthrax and interim guidelines for clinical evaluation of persons with possible anthrax. *JAMA*. 286(19):2392-6, 2001 Nov 21.

Waeckerle JF. Seamans S. Whiteside M. Pons PT. White S. Burstein JL. Murray R. Task Force of Health Care and Emergency Services Professionals on Preparedness for Nuclear, Biological, and Chemical Incidents. Executive summary: developing objectives, content, and competencies for the training of emergency medical technicians, emergency physicians, and emergency nurses to care for casualties resulting from nuclear, biological, or chemical incidents. *Annals of Emergency Medicine*. 37(6):587-601, 2001 Jun.

Madsen JM. Toxins as weapons of mass destruction. A comparison and contrast with biological-warfare and chemical-warfare agents. [Review] *Clinics in Laboratory Medicine*. 21(3):593-605, 2001 Sep.

Franz DR. Jahrling PB. McClain DJ. Hoover DL. Byrne WR. Pavlin JA. Christopher GW. Cieslak TJ. Friedlander AM. Eitzen EM Jr. Clinical recognition and management of patients exposed to biological warfare agents. [Review] *Clinics in Laboratory Medicine*. 21(3):435-73, 2001 Sep.

Henderson DA. Biopreparedness and public health. *American Journal of Public Health*. 91(12):1917-9, 2001 Dec.

Anonymous. Drugs and vaccines for biological weapons. *Medical Letter on Drugs & Therapeutics*. 43(1115):87-9, 2001 Oct 15.

Hawley RJ. Eitzen EM Jr. Biological weapons—a primer for microbiologists. [Review] *Annual Review of Microbiology*. 55:235-53, 2001.

Khan AS. Morse S. Lillibridge S. Public-health preparedness for biological terrorism in the USA. [see comments.]. [Review] *Comment in: Lancet*. 2000 Dec 16;356(9247):2104 ; 11145527, *Comment in: Lancet*. 2000 Sep 30;356(9236):1128-9 ; 11030289 *Lancet*. 356(9236):1179-82, 2000 Sep 30.

Macintyre AG. Christopher GW. Eitzen E Jr. Gum R. Weir S. DeAtley C. Tonat K. Barbera JA. Weapons of mass destruction events with contaminated casualties: effective planning for health care facilities. *Comment in: JAMA*. 2000 Jan 12;283(2):252-3. *JAMA*. 283(2):242-9, 2000 Jan 12.

Koplan J. CDC's Strategic Plan for Bioterrorism Preparedness and Response. *Public Health Reports*. 116 Suppl 2:9-16, 2001.

Bentley JD. Hospital preparedness for bioterrorism. *Public Health Reports*. 116 Suppl 2:36-9, 2001.

#### Additional Sources of Information on Bioterrorism –

The Centers for Disease Control and Prevention has information on bioterrorism on their website - [www.cdc.gov](http://www.cdc.gov)

The Medical Library Association has developed a web based resource on bioterrorism - [www.mlanet.org/resources/caring/resources](http://www.mlanet.org/resources/caring/resources)

Ingrid Hendrix, MILS  
Nursing Librarian



## Building A Journal Collection for the 21<sup>st</sup> Century

In a recent presentation to the Science Advisory Council, we asked Council members to imagine we were starting a new library. Imagine a building full of empty (physical or virtual) shelves. How should we fill those shelves? Do the journals we selected over the last thirty years still contribute to the HSC's teaching and research missions?

Collection Resources is proposing a new Library policy to accept subscription recommendations from departments or programs only rather than subscriptions for the use of only one or two faculty. The Library's selection group is preparing to contact the faculty of each College and Department to discuss their journal needs. The goal of the initial phase of this contact will be to request a list of core journal titles that a majority of members agree are the most important for their students, programs and researchers.

We believe this is a more proactive way of responding to journal price increases and a stagnant budget allocation from the State Legislature. We plan a leaner collection of subscriptions with more emphasis on electronic availability, with or without accompanying print copies. Interlibrary loan will continue to be available to fill the needs for titles not at UNM.

We value faculty input on these ideas. You are the experts in health sciences teaching and research – not us. This can be an exciting undertaking. It is a chance to reshape our collections for the coming years. If you would like a member of the Library faculty to contact you to discuss these ideas, or if you would like us to present to a departmental meeting, we would very much like to hear from you. You may contact any member of the Library faculty or I can be reached by email to [cking@salud.unm.edu](mailto:cking@salud.unm.edu)

Christee King, MLS, AHIP  
Coordinator, Collection Resources

### Nature Monthlies Now Available

With contributions from the Research Allocation Committee, electronic versions of Nature monthlies are now available.



## Growing the Collection (By Weeding)

Gardeners recognize that “weeding” is an important process for building a healthy garden and offers an analogy for building a strong library collection. As an example, JCAHO accreditors have often evaluated the adequacy of a library collection by assessing the percentage of current resources. Toward that end, HSLIC library faculty are beginning a weeding program that is a regular process for the majority of health sciences libraries. HSLIC faculty members are currently conducting a pilot project to identify a sample group of resources that are no longer viable for inclusion in the collection. At the end of the pilot, a formal weeding process, led by the Coordinator of Collection Resources, will take place over an 18 - 24 month period. Criteria used for weeding will be posted on the HSLIC website; materials identified as out dated and no longer of value will be listed on the web; and faculty in the associated subject areas will be notified to review the list prior to removing items from the collection. For more information, contact Christee King.

Christee King, MLS, AHIP  
Coordinator, Collection Resources

## Are You Protected...from Viruses and Other Infectious Agents?

Viruses can damage your data and your workstation; they are also hazardous to the health of HSC systems, and more broadly, systems throughout UNM. Therefore, we are piloting software that now automatically scans all GroupWise (GW) messages for viruses before passing the message into your incoming GW mailbox. This software “catches” approximately 150 messages daily that are infected with a virus and identifies them before they can do damage. However, to assure protection, you should still do the following:

- Have properly configured and up-to-date antivirus software on your workstation
- Confirm the legitimacy of email before opening attachments
- To be safe, View, rather than Open, unknown attachments
- Don't click on links to web pages that arrive from unknown senders
- Don't open any files with the following extensions:
  - .exe
  - .com
  - .bat
  - .pif
  - .src
- Bottom line: **Look, Read, and Think** as you read email

Holly Shipp Buchanan, EdD  
Director  
[hbuchanan@salud.unm.edu](mailto:hbuchanan@salud.unm.edu)





## Collaborative Efforts Lead to Many Successes in IAIMS Planning

In 2000, the HSC received an Integrated Advanced Information Management System (IAIMS) planning grant from the National Library of Medicine (NLM), a part of the National Institutes of Health. The NLM provides IAIMS grants to health-related institutions to plan and deploy systems which integrate data and information for the benefit of practitioners, students, researchers, faculty, and the public.

Dr. R. Phillip Eaton, Interim Vice President for Health Sciences, committed key faculty and staff members to the pursuit of technological strategic goals with the formation of the Knowledge Management and Information Technology (KMIT) Leadership, Operations, and Advisory Councils. Individuals from across the HSC are regularly brought together to discuss information technology needs for education, research, patient care, and administration. The result is that IAIMS planning, in concert with KMIT visions, is moving forward at a brisk pace.

One very important component of KMIT and IAIMS planning – one that is mandatory for success — is collaboration. Council members and staff routinely seek new opportunities and forge new professional relationships to assist the HSC and other University divisions in finding and addressing areas of technological needs. One example of this cooperative effort is a current project with the University's Department of Facility Planning.

The University of New Mexico is in the process of producing a campus-wide Information Technology Infrastructure Plan for Facilities as a component of its strategic planning initiatives. This Plan will provide guidance for new University buildings under construction and for the renovation of existing buildings. The University has contracted Vantage Technology Consulting Group to assist in this endeavor. Julie Weak, Vice President of Business and Finance, and Roger Lujan, Director of UNM Facility Planning, are heading up the project for the University. Day-to-day project management is shared among HSC Director of Facility Planning Mary Kenney, HSLIC Director Holly Shipp Buchanan, EdD and Information Systems Planner Linda Byrd.

Several times during early 2002, Vantage visited campus to meet with faculty and staff representing a wide variety of University constituencies. Meetings included representatives from Telecommunications, CIRT, the Albuquerque High Performance Computing Center, the School of Engineering, Facility Planning, UNM Hospitals, the Health Sciences Center, and KNME, among others. Discussions focused on the existing information technology infrastructure at the University, and plans for facility expansion and renovation.

Vantage will return to campus in late April 2002 to continue their dialogues with key stakeholders, and to conduct multiple focus groups soliciting feedback from University leadership, faculty, staff, information technicians, and students. The focus groups will identify user needs that will affect network and telecommunications planning.

Also in April, Vantage will be distributing a survey to various institutions across the country. This survey seeks to understand and benchmark the University's positions on technology relative to its official peer institutions, and with other academic centers which have comparable programs or resources, like a high performance computing center, a health sciences center, and an affiliated hospital.

Based on the conversations and feedback from a cross-section of University faculty, staff, and students, and from the benchmarking survey, Vantage Technology Consulting Group will deliver their final report in August 2002. The report will allow the University to incorporate the findings into its existing tactical and strategic decision-making processes.

KMIT and IAIMS faculty and staff are excited and enthusiastic as strategic visions move into becoming realities. The planning and partnering in these endeavors is significant. In late 2002, HSLIC will submit an IAIMS implementation grant application. That award can fund additional work for up to four years at \$400,000 per annum. If the current successes of this year are any indication, KMIT and IAIMS planning will ensure that the HSC can expect many more accomplishments in the future.

To view updates on current KMIT or IAIMS activities and upcoming events, please go to <http://hsc.unm.edu/iaims>.

Linda Byrd  
Information Systems Planner  
KMIT/IAIMS Planning Office

## First Library with Access Grid Technology

In 2001, the UNM health sciences library became the first library nationally to install access grid technology. An access grid studio was installed in the library's conference room #228 with funding received from the Office for the Advancement of Telehealth (OAT) and the State Legislature through and IT Grant program sponsored by the NM Commission on Higher Education. OAT funding supports Project TOUCH, a collaborative project between the schools of Medicine in Hawaii and New Mexico, their remote training sites, and the high performance computing centers in each state. The multidisciplinary TOUCH team is investigating the delivery of enhanced applications for virtual collaborative distance learning via the Access Grid.

The Access Grid was developed by the National Computational Sciences Alliance (NCSA) to prototype an advanced computational infrastructure for the 21st century. The NCSA developed the computational grid to share access to high performance computing resources and developed the access grid to encourage group-to-group interaction across the Internet. The Access Grid is TCP/IP-based video conferencing that uses multicasting for simultaneous interactions with multiple sites. The two universities,

and their remote training sites at the Northern Navajo Medical Center and Maui Community College, installed Access Grid Studios as part of the project and are among the first 100 sites nationally using this technology.

Components of the access grid include multimedia displays, presentations, and interaction environments and interfaces to visualization environments. Hardware components of an Access Grid Studio include computing equipment, media equipment, and projection equipment. Components of the studio, where participants convene, include dual and single processor computers, digital audio and video systems, computer projectors, crystal eyes glasses and trackers.

During 2002, TOUCH partners have tested the access grid via usability studies and during weekly videoconferences. The access grid studio has been demonstrated for visiting faculty from the University of Arkansas, staff in Senator Domenici's office; former Ambassador Bill Richardson, and members of the NM Commission on Higher Education. In April groups of School of Medicine students used the access grid during experiments that integrated the technology into problem-based learning cases. For more information on the technology contact Holly Buchanan, Ed Aalseth, or Greg Gaillard.

Holly Shipp Buchanan, EdD  
Director  
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## New Workstations for Faculty

The HSC was awarded \$100,000 from the State Legislature to raise the standards of computer workstations used by the HSC faculty, in 2001. This award was in response to a proposal submitted by Holly Buchanan, EdD, in 2000, to the New Mexico Commission on Higher Education (CHE). Using the CHE award and additional funding from the Office of the Vice President for Health Sciences, the HSLIC initiated the Faculty Workstation Project (FWP).

The Faculty Workstation Project matched \$750.00 (1/2) of the purchase of 200 workstations, representing the most cost effective technology, for faculty in the School of Medicine, College of Nursing, and the College of Pharmacy. Each match was funded by \$500 from the CHE award and \$250 from the Office of the VP. The workstation selected was the Dell Optiplex GX240. The GX240 contains a Pentium 4 1.8 Ghz processor, 256 Mhz RAM, 20 Gigabyte high-speed hard drive and a flat panel monitor.

Various departments have purchased more than one hundred and eighty-five workstations, thus far. Installation of the workstations began in late January 2002 and will continue until all workstations have been installed.

Faculty who have received the new workstations have been very impressed and their comments are favorable. They immediately noticed the reduced desk space requirements of the flat panel monitors. They also were amazed by the increased speed of such a small sized computer and the organization of the desktop.

A survey will be distributed later this year to faculty who received a workstation. The feedback will help determine if the program should be continued in the future. The coordinator for the project is Demetrius Brandon, ([dbrandon@salud.unm.edu](mailto:dbrandon@salud.unm.edu)), 272-1699.

Demetrius Brandon  
LAN Administrator



THE UNIVERSITY OF NEW MEXICO  
HEALTH SCIENCES CENTER  
*Education, Research, Health Care, Partnering*

### Connecting with New Mexicans



The innovative use of information technology promotes economic development at the community level.

The UNM Health Sciences Center benefits New Mexico's communities by creating the connections that help them grow.

# Is Your Curriculum Software An Endangered Species?

Time marches on and so does your Health Sciences Library & Informatics Center. This summer we plan to upgrade the computers in the HSLIC 226 and Med2 electronic classrooms as well as all the public computing workstations inside the library to better support the HSC faculty, staff and students. This upgrade will improve performance and enhance the reliability of our systems which ultimately will improve the UNM experience for all of us.

This hardware upgrade will require a new installation of all software used in the classrooms and the public computing area. Thus, we need to know what specialized software you will need for your specific classes.

- We must know what programs you will need, locate the original media and verify licensing.
- We will compile a database of the specialized software and use this list to create the software desktop this summer.
- If your software is not on the list it may not be available when you need it later this year.

Summer term is just around the corner and we will need some time to install and test each piece of software for compatibility with the new systems. So please let me know your software needs as soon as possible to prevent your software applications from going the way of the Passenger Pigeon. I will be happy to discuss any questions you may have.

Edward Aalseth  
Technical Support Analyst II  
[eaalseth@salud.unm.edu](mailto:eaalseth@salud.unm.edu)



## Library Rolls Out Updated Web Site

The Library's completely revised [web site](#) went live on March 15. The site features the new HSC navigation bar and is organized around the concept of "what do you want to do?" during your visit. Choices on the consistently present side navigation include "Find Journal Articles", "Find Books/Media", and "Find Available Journals".

Newly added features are a New Book List which changes weekly as titles arrive and a list of electronic journals in the library's collection. The Databases page offers some guidance by suggesting which resource to choose for the topic of interest.

The new site is the result of the work of many Library staff and faculty members working together. We hope you like what you see. If you would like to comment on the pages, we would like to hear from you. You may send email to the [HSC Web Development Team](#) from the link at the bottom of every page.

Christee King  
Coordinator, Collection Resources



## HSC Web Site Redesign

The HSC Web Team recently redesigned many of the HSC's web sites. The redesign effort began in April of 2001 and



involved gathering input from HSC web authors, representatives of the different HSC components, the KMIT Advisory Council, the School of Medicine Science Advisory Council, the IS Directors Committee, the HSC Leadership Council and Dr. Phil Eaton. The redesign includes a new HSC home page, some new graphical elements and a new standard navigational bar for the HSC sites. The new navigation bar provides for easy access to the different top level web sites within the HSC web. The navigation bar will be included in most of the HSC sites during the next couple of months.

## Online Courses Continue to Grow

The number of web based courses and web enhanced courses continues to grow. Most of the School of Medicine's Phase I-1 blocks are now web enhanced and work on Phase II courses has begun. The College of Nursing is increasing the number of courses that are web enhanced. The College of Pharmacy's joint radiopharmacy effort with the University of Arkansas is also being expanded.

## New Web Camera

The Big-I Web Cam has been moved back to the HSC campus and is currently providing live images from the HSC. The web camera can be found at: <http://biblio.unm.edu/hscwebcam>. A second camera is being set up in another building and will be online by early May.

Kevin Wiley  
Web Administrator

# The Why's and How's of GroupWise

Back when most email users at the HSC were using VMS mail, First Class or a Pine account from main campus as well as CcMail or one of many other email packages WordPerfect introduced an email system called WordPerfect Office. At the time it was introduced it exemplified the ease of use and the rich set of features that made WordPerfect so successful. Nearly 10 years later GW (previously WordPerfect Office) has become the standard mail client for faculty, staff and students of the HSC.

Today, GroupWise (GW) is the only fully supported email client at the HSC and is used by the vast majority of HSC users. GW has been very successful in our environment but not everyone uses it. Among the other email clients are a rich set of choices including: Main campus primarily supports Mulberry and other mail clients based on the Internet standard called IMAP. Pockets of users use Lotus notes and Outlook as well as clients like Eudora based on an older standard called POP3. However, the promised feature set of some of these mail packages is quite substantial.

Despite the competition GW continues to be a good value. Its ease of use and full compliment of advanced features like integrated calendar and proxy services have made it the most popular and effective email client on campus. With over 9000 accounts at the HSC, GW represents a very low Total Cost of Ownership (TCO). With management of the system tied into our enterprise directory we are able to maintain and improve the system with very few support staff. The following excerpt shows what the Gartner Group found in a recent study:

“A study by Creative Networks, Inc.(CNI) reveals that GW gets used more often and more effectively than its competitors - saving up to 600 percent more time at information sharing than Exchange or Notes users. This savings translates into increased productivity for GW users. The product is also more cost-effective to buy and maintain than it's competitors. Comparing the TCO of each product in a similar test bed, the Gartner Group concluded the cost differentials (per user, over a period of three years) as follows: GW: \$136; SuiteSpot: \$167; Exchange: \$470; Notes: \$719.” -source, Novell web site.

Beyond esoteric TCO calculations is a very real per-seat cost benefit. When our aggressive academic discount is factored into the total cost, this premium software package costs the Health Sciences Center just a few dollars per user per year. This discount makes GW directly cost competitive to solutions from Microsoft and the open source community.

If you're a GW user it is likely that you started using GW with little or no training. Although UNMH requires training for their employees and the Library and Informatics Center offers regularly scheduled basic and advanced GW courses, many of our faculty, staff and students never get any formal training in the use of GW. While this is a testament to the ease of use related to the basic features of GW it often leaves users unprepared to tackle the advanced features of GW.

Let me highlight some of the advanced features you can explore on your own. The integrated Calendar in GW is a powerful tool for personal, group and resource scheduling. From your GW client you can post a personal appointment, schedule a group appointment or schedule a resource like a conference room or a piece of equipment. When scheduling other or a resource you can use the busy search feature that shows you where appointments are scheduled on others calendars. If you have proxy rights you can even see exactly what is scheduled at those times. The proxy feature is another advanced feature that provides a great deal of flexibility. You can decide who can proxy to your account and you can set different levels of rights, from as little as read rights to your calendar to full control of your account. Another useful feature of GW is the calendar print options. There are many different formats you can use to print out your calendar. If you like to avoid printing out your calendar you can use the Notify program that can be used to remind you of upcoming meetings. With the latest version of GW you can have notify start automatically when you start GW. The notify program is a powerful tool that can run programs that will send you a page or anything else you can think of.

Although this isn't a complete description of all the advanced features I can't end without mentioning the GW web access features. Many mail systems now provide what are called “fat” clients and “thin” clients. Fat clients are the full applications that are installed on your workstation. In many cases we also install this fat client on laptops to allow for features like “off line” support. The “thin” client has a different purpose from the fat client. Although some software developers have suggested that their thin client will replace the fat client no vendor has successfully replaced a fat client with a thin client in a business environment. But GW has done better than most at providing a full featured thin or web client. If you haven't tried the web client you can access the service from any web browser at the following address: <http://gwweb.unm.edu>. Just remember that your session will time out after 20 minutes of no activity and will require you to re-enter you user id and password to continue. Training classes are posted at <http://hsc.unm.edu> and the HelpDesk site is at <http://salud.unm.edu>. The GW mail domain at “salud” is the Spanish word for health.

Email has become a big part of our daily lives. This fact has not been lost on the hordes of programmers and sales representatives trying to make your life better. We, the members of the HS Library and Informatics Center, seek your input and your trust as we move forward to propose, evaluate and implement new technologies that maximize the effectiveness and value of our limited resources. GW has been a great success in all those ways and we will continue to seek your input to ensure that our email systems meet user needs.

Barney Metzner  
Manager, Information Systems

## Job Change:

The Library recognized the ability of diplomat **Andrew Corn** (formerly a User Services Analyst I) to resolve complicated problems and thereby calm worried patrons by hiring him as a **User Services Analyst II**.



# adobe medicus

Library Director: Holly Shipp Buchanan, Ed.D., M.B.A., M.Ln.  
Design & Layout: Mary Denison

## **CORRESPONDENCE MAY BE ADDRESSED TO:**

Editor, *adobe medicus*  
The University of New Mexico  
Health Sciences Library and Informatics Center  
Albuquerque, NM 87131-5686  
Web Address: <http://hsc.unm.edu/library>

## **LIBRARY HOURS**

Monday — Thursday	7:30 AM — 11:00 PM
Friday	7:30 AM — 6:00 PM
Saturday	9:30 AM — 6:00 PM
Sunday	1:00 PM — 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



**Health Sciences Library and Informatics Center**

Albuquerque, NM 87131-5686

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