

2000

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THE UNIVERSITY OF NEW MEXICO  
HEALTH SCIENCES CENTER

Vol. 23, No. 1-4  
January-December, 2000

BIMONTHLY BULLETIN OF THE HEALTH SCIENCES CENTER LIBRARY

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## HSC Library Director's Update

Whether you believe that 2000 begins or ends a millennium, the year has been noteworthy for libraries and information systems at the HSC. The HSC's Knowledge Management and Information Technology program (see the April *From the Desk of HSC VP*) has been strengthened by the award of several new grants and contracts from state and federal agencies (see list below) and other initiatives at the HSC.

Funding from the National Library of Medicine to support a two-year planning process to develop an integrated advanced information management system (IAIMS) at the HSC is foremost among these endeavors. Dr. Eaton, Vice President for Health Sciences, followed this announcement by formalizing a structure for Knowledge Management and Information Technology (KMIT). First, a leadership team has been identified, comprised of the HSC Associate Vice President for Finance and Administration, Robert Earnest; the University Hospitals CIO, Ron Margolis; and chaired by the Director of the HSC Library and Computer Services, Holly Buchanan, EdD. Second, Dr. Eaton has created an HSC Advisory Council for Knowledge Management and Information Technology, chaired by Fred Hashimoto, M.D. from Internal Medicine, to encourage two-way communication between the faculty, staff, and Advisory Council membership. (see article on page 7)

### 2000 Grant Funding, Totalling \$1.4 M

- *IAIMS Planning for the University of New Mexico* to develop an integrated information system; NIH/National Library of Medicine; Buchanan (PI) and Hashimoto (co-PI). (note: award enhances eligibility for implementation award of \$1/2 M for each of 5 yrs)  
-\$298 K, for 2-yrs, began Feb 2000
- *Project TOUCH* (Telehealth Outreach for Unified Community Health); University of Hawaii Burns School of Medicine; University of New Mexico School of Medicine, and the High Performance Computing Center in each state; Research Question: Can advanced computing (e.g., virtual reality technology using a brain injury model) enhance the PBL learning experience at remote sites? Office for Advancement of Telemedicine; Alverson (UNM PI) and Buchanan (Project Director)  
-\$895 K, 1-year, began August 2000
- *Telemedicine Virtual Collaboratory*; NASA IPA, a joint program of NASA and HSC Telemedicine Program to develop advanced computing models for solving complex medical problems of patients in remote areas, such as astronauts during space

exploration, independent of time or distance. Alverson (PI).  
-\$60 K for 6 months, began Feb 2000

- *Enhanced Access for Latin American Social Medicine*; NIH/National Library of Medicine; Waitzkin (PI) and Buchanan (Co-PI)  
-\$487 K for 3-yrs, began Feb 2000
- *Consumer Health Database* access for higher education institutions, high schools, and public libraries; NM State Library; Buchanan (PI)  
-\$70 K for 1-yr, began Jan 2000
- *Access to Electronic Health Information for the Public*; NIH/National Library of Medicine; in partnership with Albuquerque/Bernalillo County Public Library; Sullivan (PI)  
-\$40 K for 18 months, began Feb 2000

Holly Shipp Buchanan, EdD  
Director, HSC Library and Computer Services  
hbuchanan@salud.unm.edu

## Health-e: Building a Collaborative Health Information Network for New Mexico

Twenty-six individuals from health professions, government agencies, academic, public, and health sciences libraries, and interested citizens met at the New Mexico State Library in Santa Fe on April 25th to explore options for developing state-wide cooperative resources and networks for the delivery of health information. Participants joined Renee Bougard, Associate Director, and John Harold, Technology/Education Coordinator, from the National Network of Libraries of Medicine (NN/LM), South Central Region, and HSC Library Director Holly Shipp Buchanan and other HSC Library staff in Santa Fe. Virginia Manbeck, a consultant with the New York Public Library, served as keynote speaker, describing her experiences with the development of NOAH, New York Online Access to Health <http://www.noah.cuny.edu/>, a major collaborative consumer health initiative on the World Wide Web.

The meeting was sponsored by the NN/LM South Central Region, Houston Academy of Medicine, Texas Medical Center Library and by the University of New Mexico Health Sciences Center Library, and hosted by the State Library. Pat Seavey, Information Technology Consultant for the New Mexico State Library coordinated Internet connections so that participants could see demonstrations of NOAH and other evolving information resources becoming available through the World Wide Web.

Participants joined groups related to individual areas of interest for afternoon breakout sessions: 1) health professionals' information needs and issues, 2) health consumer information needs and issues, 3) multi-institutional and networking agreements and issues, and 4) technological and infrastructure issues. The groups resolved that, in the coming year:

A list-serve has been created to continue a very lively and enthusiastic discussion. Jo Powell at the New Mexico Health Policy Commission has volunteered to set the listserve up and will be in touch with participants on how to join it.

At least one demonstration project be undertaken exploring the benefits of wireless Internet access.

Key institutions/organizations (the Health Policy Commission, UNM Health Sciences Library, and the State Library) be requested to identify staff to continue this initiative, to "own" this activity.

Continuing education courses be offered to health professionals and the public on availability and use of electronic resources.

Focus groups be organized to further examine information needs, both for consumers and health professionals.

Existing print and electronic resources for consumers be identified, and, in conjunction with this, critical health issues for New Mexico.

A list of "best resources" be created demonstrating criteria for reliability and evidence-based evaluation targeted for health professionals, to assist them in getting and giving health information.

Participants identified many unmet information needs and barriers to networks unique to New Mexico; and also came up with interesting ideas for initiatives and projects to pursue that reflect the special strengths of the state, such as the diversity of its medical heritage from many cultures.

A series of meetings for the specific interest groups are being planned for the coming year, and a second state-wide meeting is targeted for Spring 2001.

The Library wishes to thank all who participated, and we would like to invite anyone interested in participating in future activities to contact Niles McCall, Outreach Librarian, [nmccall@salud.unm.edu](mailto:nmccall@salud.unm.edu), 272-4373.

Debbie Graham, MLS  
Associate Director, Access Services



April 27, 2000 - Consumer Health Pre-Conference at the NM Library Association Meeting

## Building Healthy Alliances

UNM Health Sciences Center Library (HSCL) has received two awards that will have a far-reaching impact on access to consumer health information in New Mexico. A \$40,000 award from the National Library of Medicine will promote access to consumer health information in New Mexico and, as part of a Library Services and Technology Act grant of \$70,000 from the New Mexico State Library, the HSCL and the Michigan-based Gale Group have signed a contract that will put an Internet-delivered health reference database in every public, academic, and high school library in the state.

The National Library of Medicine project will link individuals and organizations interested in consumer health in New Mexico, promote awareness of existing local and regional consumer health information resources and provide training in using these resources.

The Consumer Health Information Coalition (CHIC), a coalition composed of staff of the Health Sciences Center Library, public and hospital librarians, health care providers, patient educators, and representatives from private organizations, will spearhead the project and guide the development of a Consumer Health Issues web site. In a statement of support issued by the Albuquerque/Bernalillo County Library System, a primary partner in the project, the

Albuquerque/Bernalillo County Library System is "pleased to be working with the UNM Health Sciences Center Library and CHIC to enhance access to health information resources for all New Mexico residents. Appropriate information in this area is critical for all individuals as they strive to make informed health care decisions. The opportunities afforded by this grant will enable substantial progress toward that important goal." To date, the project has enabled HSCL to hold a training session on consumer health information for the Albuquerque Public Library and to sponsor a full-day pre-conference session on consumer health at the New Mexico Library Association Conference in Taos.

For more information about the project or the Consumer Health Information Coalition, please contact Eileen M. Sullivan, Project Director, at [esullivan@salud.unm.edu](mailto:esullivan@salud.unm.edu) or call 505-272-0638.

The award from the New Mexico State Library will provide access to the Gale Group's online product, Health Reference Center Academic (HRCA). HRCA, an award-winning database, "integrates medical journals, consumer health magazines, health newsletters, reference books, referral information, topical, overviews, pamphlets, and newspaper articles on thousands of health-related topics." This full-text database is designed specifically for the lay reader. HSCL faculty and staff will provide ongoing user support and coordination of the project. Contact Deborah Graham, [dgraham@salud.unm.edu](mailto:dgraham@salud.unm.edu) or 272-0639 for more information.

Eileen Sullivan, MLS  
Library Information Specialist III

# How Authors Can Make a Difference to UNM

Are you troubled by the ability of the HSC Library to pay for all of its subscriptions due to rising journal prices? As an author, are you concerned that your manuscripts might not reach the intended audiences due to the inability of health sciences libraries worldwide to subscribe to the journals their users need?

A recently completed contract with Blackwell Science (please see the companion article in this issue) enables the HSC Library to license electronic journals at a reduced price. Blackwell publishes many excellent journals on behalf of professional and scientific societies. Blackwell historically has increased its journal prices at rates far lower than certain large, although unnamed, publishers.

Do you have an outstanding manuscript that you intend to publish? When selecting a journal for consideration, please refer to the list of Blackwell journals at the following website for identifying possible outlets for your manuscript: <http://www.blackwell-science.com>. This website also includes most "Instructions for Authors" pages for prospective authors. If you would like to review the price subscription history of any journal title, please contact Jon Eldredge [jeldredge@salud.unm.edu](mailto:jeldredge@salud.unm.edu) or at 272-0654 for further assistance. Jon will be happy to demonstrate the link between where you publish and what that journal costs libraries.

Jonathan Eldredge, MLS, PhD, Chief,  
Collections and Information Resources  
Development

## Medical Informatics

Congratulations to **Eileen Sullivan** from the HSC Library and **Jim Jenson, MD** from the Department of Psychiatry who were awarded fellowships during 2000 from the National Library of Medicine, NIH, in medical informatics. The award funds covered training and travel to Woods Hole, Massachusetts. They join an elite group of alumni of this group from UNM that includes Janis Teal, Fred Hashimoto, MD and Holly Buchanan, EdD.



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**Electronic Reserves:** An electronic reserves service is now available. We invite faculty to submit their reading lists. Please plan early in order to allow yourself time to obtain copyright permission and assure timely delivery of your electronic readings. Submit lists to James Perea, Reserves Coordinator. Direct questions to Janis Teal, Associate Director, Education Services, 272-2311 or [jteal@salud.unm.edu](mailto:jteal@salud.unm.edu).

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## 1964: Unexpected Needs as SOM Changes

Publicizing a need for cadavers may seem gruesome, but availability of bodies for research and education purposes was a concern for UNM School of Medicine administration and faculty in 1964 as they planned the transition from a two-year to a four-year school. When the school opened its doors in 1964, it was as a two-year basic medical sciences school with 24 students in the entering class. Plans began immediately for the change to a four-year medical school with 48 to a class. The anticipated need for cadavers was slated to then change from 4 to 8 bodies a year to up to 20. With this in mind, the University appealed to New Mexicans to donate their bodies after death.

Newspaper articles and a pamphlet titled "Donating Your Body to Medical Science: Information and Procedures" describe the value and the procedure of such a contribution. By filling out forms that were included with the pamphlet, donors could make a gift of a "priceless textbook of anatomy." Traditionally,

state schools had been granted custody of the unclaimed bodies of the indigent, which was problematic not only because of random availability but also because this practice apparently limited research and education to male bodies as, according to one article, "very few females are indigent."

However, the availability of all cadavers for medical schools had dwindled, as the pamphlet explains: "In prosperous America of today...few people are denied whatever disposition of their bodies they may wish...Thus, the supply of unclaimed bodies for medical education and research is steadily dwindling, while our exploding population creates a need for a greater number of trained doctors."

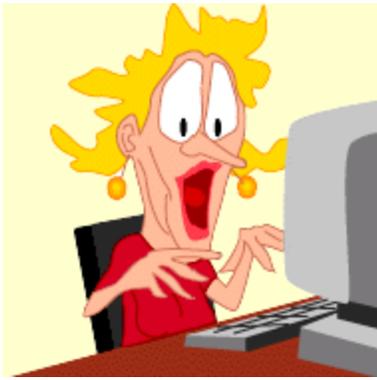
In fact, the projected need for trained doctors was the primary factor in the development and approval of a medical school at the University. According to a 1960 leaflet titled "Doctors for Tomorrow," distributed by the New Mexico Medical Society, a growing national shortage of doctors necessitated the establishment of at least 20 new medical schools in the United States. This was a particular concern in New Mexico because while the national average was 133 doctors per 100,000 population, New Mexico had only 79 per 100,000, ranking it the 48<sup>th</sup> state in this regard.

"Doctors for Tomorrow" called for public support and appropriations for a two-year basic medical sciences school for which foundation grant money had already been received. The school did open in 1964, and, in the fall of 1965, Governor Jack Campbell asked for further appropriations to support the transition to a full-fledged, four-year medical school.

After funding and administration for the new school were established, the faculty of the school worked to develop a unique curriculum that would provide students with significant involvement in actual medical practice. It was in the first year of this curriculum, in the anatomy courses, that students would have their first experience with the reality of the human body through the use of cadavers.

Recognizing the need for a school and securing funding were not the only challenges for the University in the late 1950s and early 1960s. The fascinating details of the logistical and other essential needs of a new school are well-documented in materials located in the New Mexico Health Historical Archives.

Catherine Crupi  
New Mexico Health  
Historical Archives Assistant



## Ask Ms. Library

Dear Ms Library;

I sometimes need to have material from journals scanned or color copies made. I know your current five years of journals don't circulate.

How can I arrange for the use of these journals?  
-UNM Faculty

Dear Faculty Member;

You are correct about our journal circulation policy. The current year plus the five previous years do not normally circulate. Older journals circulate for three days. We restrict the circulation of current journals to be certain we can guarantee that our material will be available when needed for clinical and research purposes. We understand that our teachers and researchers occasionally need to use current journals for slides, scans or color copies. When the need arises, explain your request to the person at our service desk. They will negotiate with you to take the material for a period of an hour or two to have the reproductions made. This meets your need and minimizes the time the journal is off the shelf and cannot be available to other users.

- Ms. Library

## New Faces in 2000

The HSC Library and HSC Computer Service would like to welcome their new faculty and staff.

Niles McCall is our new Outreach Librarian at UNM Health Sciences Center Library. He received his MLS from the Pratt Institute, has worked at the Health Sciences Library at Temple University, and most, recently at Wofford College in South Carolina. His interests include the sociology of cross-cultural medicine and he enjoys - long distance driving!

Mary Denison started February 7<sup>th</sup> as assistant to Holly Buchanan, Director of the HSC Library and Computer Services. She comes to the Library from the Physician Access Line Service. Mary brings over 20 years of experience at UNM to the HSC Library.

March 13<sup>th</sup> Kevin Wiley started working for the Library as the new HSC Web Administrator. Previously Kevin worked for University Hospital where he was a led programmer and webmaster. He has also done programming work for main campus and the Div of Continuing Education and is widely recognized as a senior member of the UNM IT community. Kevin's Masters degree in Computer Science from UNM makes him the most rigorously trained member of the TILS staff.

Uriel Schold joined HSCCS as a User Support Analyst I on March 20th. Uriel brings to HSCCS his background supporting users here at HSC for the past three years as a student employee. Uriel is also a web designer and has plans to complete his degree in history this year.

Andrew Corn also joined our team as a User Support Analyst I on March 20th. Andrew has a Bachelor's degree in Management Information Systems with a strong computer background and excellent customer service skills.

William Kinney joined the HSC Library April 17. William came to us from Zimmerman Library where he worked for the last year in the Government Documents Department. He holds a Bachelor's degree in history from the University of Iowa and is currently working on another bachelor's, this time at UNM in Computer Science. William will be at the circulation desk during the evening shift.

Sean Anthony joined the HSC Library as IAIMS Information Systems Planner on June 12, 2000. Sean came to the Library from University Hospital MIS; his experience in the IT field also includes eight years at APS. Sean received his BA from NM State University and his MS from UNM.

Robert Leitch began working in HSC Computer Services June 12, 2000 as our Sr. LAN Administrator. Robert has worked for UNM since 1992, bringing his expertise and knowledge in this changing information technology environment to HSCCS. We are very pleased to have him as a member of our staff.

Garth Colasurdo, our new web application developer, joined the TILS staff on October 9, 2000. Garth brings a strong background in web development to our group, working in the computing field since 1990. Prior to joining the library web team, Garth worked at UPA as a web developer.

## Farewell and Best Wishes!

Leaving the HSC Library were Emerson Begay on 1/14/00; Tom Kauley on 2/29/00; and Kate Crupi on 7/28/00. Debbie Graham, Associate

Director for Access Services also left the HSC Library on 11/16/00, Debbie had been with the library for 10 years.

Retiring on January 1, 2001 will be two long-time favorites of Library users, Lillian Croghan (22 years with the HSCL) and Judy Ducharme (18 years with the HSCL). Lillian and Judy will be sorely missed! We send them off with our best wishes and we hope to see their faces in the library occasionally.

## Service Awards Program

The HSC Library had nine employees receive service awards this year. Please join us in congratulating:

### 5 years

Robert de Lancey  
Barney Metzner

### 10 years

Carol Claycomb

### 15 years

Jon Eldredge  
Janet Johnson  
Mary Kerlee

### 20 years

Mary Denison  
Henry Guenther



## Staff Recognition Day

HSC Library and Computer Services held their annual Staff Recognition Day on May 24. Special recognition awards were presented to **Richard Saavedra** and **John Duran** for exemplary job performance.

# Where To Find Electronic Journals and Full Text on the Library's WEB Site

While faculty, staff, and students (and even librarians!) might wish for a "Rosetta Stone"—a centralized list of all of the library's electronic journal and text resources—the situation is complex. A database is currently being built at the HSC Library to serve as a Rosetta Stone, but meanwhile, faculty have been asking for an overview of locations of electronic resources. This article gives a brief description of the multiple sources of full text available through the HSC Library and is written to help faculty, staff, and students navigate the full text maze.

1. **The two largest sources of electronic materials** can be found on the HSC Library web pages for **Electronic Journals and Texts** and for **Databases and Indexes**, both available at: (<http://hsc.unm.edu/library>).
- The **Electronic Journals and Texts** page includes over 1000 full-text journals arranged by title. The list includes several collections of electronic journals as well as individual titles freely available on the web. The items include titles from Academic Press (IDEAL), Harcourt, Blackwell Science, MD Consult, and individual e-journals. Several licensed packages such as IDEAL and Blackwell Science can also be searched directly as described below:  
**Academic Press/IDEAL Journals** — This group of 175+ journals and 50+ Harcourt Science journals are primarily related to medicine and science. They can be accessed directly by clicking on IDEAL from the Electronic Journals and Texts alphabetical title list. Once in the IDEAL site, a search function allows searching of all the IDEAL journals simultaneously. Full text of IDEAL journals is licensed for 1999-2001 only, so users will not be able to view pre-1999 articles.
- The **Databases and Indexes** page includes hundreds of full-text titles, including ebooks and e-journal articles:  
**OvidWeb** — About 100 medical and nursing journals are accessible via Ovid. The Cochrane Database on Ovid contains full text of the Cochrane Collaboration's systematic reviews.  
**Health Reference Center Academic** — Of particular interest to nurses and consumers, HRCA contains 150 medical and nursing journals and health education pamphlets. All titles may be searched simultaneously.  
**MD Consult**—This clinically-oriented collection contains 35+ reference books and 45+ key clinical journals and patient education materials. Searching can be done on books, journals, and other materials simultaneously or selectively by type of material desired.  
**FirstSearch ECO Collection** — The ECO (Electronic Collections Online) group contains 67 journals searchable through the FirstSearch family of databases.  
**ProQuest** — a general academic database containing 2400 journals, many with full text access.

2. From UNM's General Libraries' WEB page, users can access other journals licensed by other libraries on campus. Centennial Science and Engineering Library has developed "**Full Text Finder**," a searchable database of electronic full text which points the user to the system where the journal can be accessed. Easy access to the Full Text Finder is from the HSC Library's "Electronic Journals & Texts" web page or from our "Other Research Resources" page.

3. The National Library of Medicine is working to link full text to citations retrieved in searches of PubMed. At present, users must choose "Display LinkOut" (as the full text linkage is called). LinkOut sites may be restricted or pay for view and thus not universally accessible. The NIH effort at electronic publishing, formerly called EBiomed and now called PubMed Central, is also under development in partnership with the National Library of Medicine.

4. Users who still haven't found the journal they are looking for may also search the general WEB using a search engine such as AltaVista, where they may find full text of journals not covered in the licenses described above.

For your convenience, the information in this article is also available as a help guide called "Electronic Journal Resources" on the library's web page. By accessing this Electronic Journal Resources guide on the WEB, you can use built-in hyperlinks to see detailed lists of the journals mentioned in the systems above. Access using this path: [hsc.unm.edu/library](http://hsc.unm.edu/library). Choose Databases and Indexes: Database Guides and Tutorials: Electronic Journal Resources.

Janis Teal, MLS, MAT  
Associate Director, Education Services

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## Library Consortia Seals Electronic Journals Deal

The UNM HSC Library, in conjunction with other libraries in the desert southwest, has completed negotiating a contract that promises exciting possibilities for library users. The full-text for over 250 electronic journals published by Blackwell Science and Munksgaard are now available to all users through the HSC Library's webpage at <http://hsc.unm.edu/library/> by clicking under "Electronic Journals & Texts".

This deal represents a three-way "win-win" contract that brings together authors, libraries, and a publisher— all for the benefit of library users. In the opinion of this author, this arrangement serves as a model for any future publisher contracts for electronic journals. This contract was pioneered initially by a unique consortium of university libraries, publishers, and the British government in the United Kingdom. Please see the companion article on how this deal might benefit UNM authors.

Libraries collaborating with the UNM HSC Library as part of its membership in the Alliance for Innovation in Science and Technology Information include: UNM General Library, the University of Arizona, Arizona State University, The University of Nevada (both Reno and Las Vegas Campuses), Lovelace Respiratory Research Institute, and The University of Utah. We are grateful to Alliance President Johann van Reenen for his leadership, Stephen Bosch at Arizona for his extensive expertise with contract language regarding electronic resources, and Chris Sugnet at UNLV for his abilities as a negotiator in completing this deal.

Interested readers may review a full listing of available electronic journals at the website address of <http://www.blackwell-synergy.com/member/institutions/journallist.asp>. We hope that you will make full use of this deal. Please contact Jon Eldredge at [jeldredge@salud.unm.edu](mailto:jeldredge@salud.unm.edu) or at 272-0654 for any additional information.

Jonathan Eldredge, MLS, PhD, Chief,  
Collections and Information Resources Development

# HOT TOPICS

## Cell Phones - Health Effects



*MEDLINE Search performed by Sarah Morley, Clinical Librarian*

- Dreyer NA. Loughlin JE. Rothman KJ. Cause-specific mortality in cellular telephone users [letter]. *JAMA*. 282(19):1814-6, 1999 Nov 17.
- de Seze R. Ayoub J. Peray P. Miro L. Touitou Y. Evaluation in humans of the effects of radiocellular telephones on the circadian patterns of melatonin secretion, a chronobiological rhythm marker. *Journal of Pineal Research*. 27(4):237-42, 1999 Nov.
- Anonymous. Cell phones and walkie-talkies. Is it time to relax your restrictive policies?. *Health Devices*. 28(10):409-13, 1999 Oct.
- Occhetta E. Plebani L. Bortnik M. Sacchetti G. Trevi G. Implantable cardioverter defibrillators and cellular telephones: is there any interference? [see comments]. *Pacing & Clinical Electrophysiology*. 22(7):983-9, 1999 Jul.
- Robert E. Intrauterine effects of electromagnetic fields—(low frequency, mid-frequency RF, and microwave): review of epidemiologic studies. *Teratology*. 59(4):292-8, 1999 Apr.
- Hardell L. Nasman A. Pahlson A. Hallquist A. Hansson Mild K. Use of cellular telephones and the risk for brain tumours: A case-control study. *International Journal of Oncology*. 15(1):113-6, 1999 Jul.
- Chou CK. Chan KW. McDougall JA. Guy AW. Development of a rat head exposure system for simulating human exposure to RF fields from handheld wireless telephones. *Bioelectromagnetics*. Suppl 4:75-92, 1999.
- Gandhi OP. Lazzi G. Tinniswood A. Yu QS. Comparison of numerical and experimental methods for determination of SAR and radiation patterns of handheld wireless telephones. *Bioelectromagnetics*. Suppl 4:93-101, 1999.
- Lundquist M. Need for categorization of exposure in studies of cellular telephone users [letter; comment]. *Epidemiology*. 10(3):347, 1999 May.
- Trigano AJ. Azoulay A. Rochdi M. Campillo A. Electromagnetic interference of external pacemakers by walkie-talkies and digital cellular phones: experimental study. *Pacing & Clinical Electrophysiology*. 22(4 Pt 1):588-93, 1999 Apr.
- Barbaro V. Bartolini P. Bellocchi F. Caruso F. Donato A. Gabrielli D. Militello C. Montenero AS. Zecchi P. Electromagnetic interference of digital and analog cellular telephones with implantable cardioverter defibrillators: in vitro and in vivo studies. *Pacing & Clinical Electrophysiology*. 22(4 Pt 1):626-34, 1999 Apr.
- Irnich WE. Tobisch R. Mobile phones in hospitals. *Biomedical Instrumentation & Technology*. 33(1):28-34, 1999 Jan-Feb.
- Moulder JE. Erdreich LS. Malyapa RS. Merritt J. Pickard WF. Vijayalaxmi. Cell phones and cancer: what is the evidence for a connection?. *Radiation Research*. 151(5):513-31, 1999 May.
- Goswami PC. Albee LD. Parsian AJ. Baty JD. Moros EG. Pickard WF. Roti Roti JL. Hunt CR. Proto-oncogene mRNA levels and activities of multiple transcription factors in C3H 10T 1/2 murine embryonic fibroblasts exposed to 835.62 and 847.74 MHz cellular phone communication frequency radiation. *Radiation Research*. 151(3):300-9, 1999 Mar.
- Davis D. Segal B. Pavlasek T. Can minimum separation criteria ensure electromagnetic compatibility in hospitals? An experimental study. *Biomedical Instrumentation & Technology*. 33(5):411-6, 1999 Sep-Oct.

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## Journal Club Forms at HSC Library

Faculty and staff at the HSC Library have convened a journal club (led by Christee King) under the guidelines established by the Medical Library Association's Academy of Health Information Professionals. The group will meet over a period of six months to discuss material selected by the members. The topic of discussion for this series is how technology is changing our roles and values as information professionals. Members of the MLA Academy will receive credit toward renewal of their professional certification by participating in this activity.



## Grant Aid for Health Centers

A number of hospital and medical centers in New Mexico have been recipients of two grants from the National Library of Medicine to help them achieve good Internet connections and to develop library collections. These grants have been instrumental in helping these centers offer their physicians and health professionals access to quality and current medical information. One grant program offers these centers the funds to set up an Internet connection through which health professionals can gain access to valuable Internet resources such as Medline and other health databases and resources. Specifically, the assistance includes the purchase and installation of connection hardware, leasing of communication circuits, and the cost of an Internet Service Provider. Three centers in the state have benefitted from this grant: San Juan Regional Medical Center in Farmington, Holy Cross Hospital in Taos, and Sierra Vista Hospital in Truth or Consequences.

The second grant offers health centers not only an Internet connection but also special assistance to develop and improve library collections at these facilities. Some of these library collections were very small, little funding was available to keep them current. There was little staff time devoted to maintaining these collections. This grant provided the funds and expertise to improve these collections and now health professionals at these center are becoming more reliant on these collections. Four institutions in the state have used this grant to improve their library collections: Acoma-Canonito-Laguna Indian Hospital in San Fidel, the Northern Navajo Medical Center in Shiprock, the Santa Fe Indian Hospital in Santa Fe, and the Gallup Indian Medical Center in Gallup. For more information about these grants and other grants provided by the National Library of Medicine, please consult the National Library of Medicine's web page at <http://www.nlm.nih.gov/ep/>.

Niles R. McCall, MLS  
Outreach Librarian

## Information Technology

Over the past several years, HSC faculty and students have become major consumers of UNM's high-speed Internet access. From graphics intensive online journals to Java based courseware, many of today's applications take full advantage a fast Internet connection. The current service gives the campus approximately 10 megabits per second (10 Mb/s) of Internet bandwidth\*.

While 10Mb/s seems like a fast connection when compared to a typical modem link of 28.8 to 52 kilobits per second (Kb/s), that speed advantage quickly evaporates whenever the uplink has to support several hundred simultaneous connections to these more advanced applications. With more than 10,000 networked computers on campus, one can see that the current connection has significant limitations. Recognizing this, CIRT (Computer and Information Resources and Technology) has developed a plan which will dramatically increase the campus' Internet access bandwidth in the near future.

Along with increasing the capacity and quality of UNM's Internet access, CIRT will develop a user friendly network education program designed to focus on Internet access issues. This program will help faculty and staff feel more comfortable with complex technical jargon and increase sensitivity to the demands of newer Internet technologies. For example, many people don't realize that 'Internet radio' uses streaming technology which can negatively impact the quality of local and campus network connections. Many people also don't know how the UNM network supports remote access or how security will be handled in the future.

These issues and other questions will be addressed in an online presentation that will be in place by the end of this Summer. Links to the presentation and invitations to any associated meetings will be distributed to faculty and staff. In the interim please direct any questions about the timing and scope of the Internet access upgrade/education project to Greg Gaillard ([ggaillard@salud.unm.edu](mailto:ggaillard@salud.unm.edu)).

\*bandwidth = the capacity of the communication pipeline between a computer and the Internet

Greg Gaillard  
Associate Director, Technology  
Integration & Library Systems

## HSC Advisory Council for KMIT

A faculty liaison council has been commissioned by the Vice President for Health Sciences to support two-way dialogue among faculty and HSC leadership concerning information/telecommunication technologies needed to support education, research, patient care, and administration. This council will enhance communication among faculty in the School of Medicine, College of Nursing, and College of Pharmacy and will advise Holly Buchanan, Robert Earnest, and Ron Margolis. This Council, comprised of faculty and staff, will be an integral part of the IAIMS planning process. Dr. Fred Hashimoto has been elected by the Council to serve as its first chair.

Elected and appointed members of the Council include Ken Miller, Ph.D. and Geoff Shuster, DNSc. from the College of Nursing; Craig B. Marcus, Ph.D. and William Troutmn, Pharm.D. from the College of Pharmacy; Steve Mitchell, M.D., Fred Hashimoto, M.D., Sanjeev Arora, M.D., David Schade, M.D., David Wilks, M.D., Jim Jenson, M.D. and Tom Guitierrez from the School of Medicine; Ellen Cosgrove, M.D. from Continuing Medical Education; Russell Dilts from the Cancer Center; Dianne Giron, R.N. from University Hospital; and Janis Teal, M.L.S. from the HSC Library.

The charge to this council will be to assist in visioning the future and identifying faculty needs in the information/telecommunication technologies and knowledge management resources supporting HSC Strategic Planning Goals in education, research, clinical care and administration. Technologies and resources include those needed to support the curriculum, distance learning, continuing education, patient care and telehealth, research processes, outreach, training and professional development (including simulation), administrative services, workstation and network support, application support, web-based technologies for internet/intranet development, public access computing, classrooms, and audio/visual production.



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Library Director:  
Design & Layout:

Holly Shipp Buchanan, Ed.D., M.B.A., M.Ln  
Mary Denison

**CORRESPONDENCE MAY BE ADDRESSED TO:**

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Editor, *adobe medicus*  
The University of New Mexico  
Health Sciences Center Library  
Albuquerque, NM 87131-5686

Web Address: <http://hsc.unm.edu/library>

**LIBRARY HOURS (call for summer hours)**

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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

Fall holiday and break closures will be posted in the Library

**INFORMATION**

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Library Information	505-272-2311
Library Administration	505-272-0634
Fax	505-272-5350



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