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Health Sciences Library and Informatics Center

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And Much More!

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

From The Director

The health sciences library of the 21st century should be the health sciences library Today!

Who could imagine this from a library?

- **High Tech:** First library nationally with an Access Grid node on Internet 2
- **Computers:** 1,300 standardized faculty workstations have been distributed throughout the Health Sciences Center
- **Barnyard Animals:** Lead out the COW (Classroom on Wheels) or Calf (a smaller version with PC Tablets) to your building and have an instantaneous electronic classroom
- **Informatics:** Philip Kroth, MD, MS, joined HSLIC in 2004 to start-up informatics research and training programs
- **National Leadership:** NIH NLM® Board of Regents Member: Holly Shipp Buchanan, MLn, MBA, EdD, AHIP
- **Oral Histories:** Spanning (years....) over 200 oral histories promoting New Mexico Health Care practioners and leaders
- **Publisher:** The Health Sciences Library and Informatics Center (HSLIC) publishes the HSC website, D-space, and the *adobe medicus*

Holly Shipp Buchanan, EdD, MLn, MBA, AHIP
Associate Vice President for Knowledge Management and IT, and HSC Chief Information Officer

Presentation Emphasizes Managing Copyright for Academic Authors and NIH Public Access Policy

The Domenici Center for Health Sciences Education's third floor executive conference room, overlooking the Sandia Mountains, was the location of the latest HSC Executive Vice President's Leadership Forum. Kevin Smith, JD, Scholarly Communications Officer at Duke University gave a presentation entitled "Copyright and the New NIH Public Access Policy: What Every Investigator



Kevin Smith - Photo C. Brandenburg

Should Know" on May 1 for the HSC community. Smith outlined rights authors have under copyright law as well as how they can better manage their copyright to increase the academic value of their work. He also discussed facts versus fiction about the new NIH Public Access Policy. A DVD containing a video of Kevin Smith's presentation along with a copy of his slides is available to the UNM community on reserve at the UNM HSLIC.

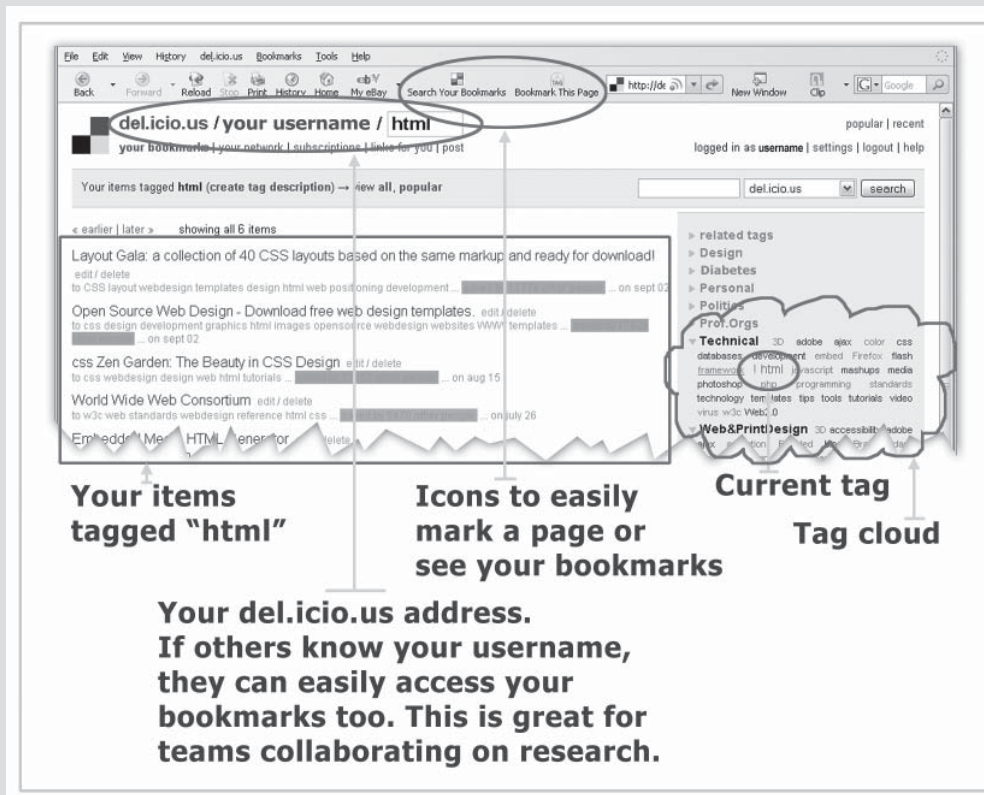
As part of his visit, Smith also met with HSLIC's scholarly communications strategic planning team. The group compared and contrasted the strategies both UNM and Duke are using to promote investigator awareness and compliance with the NIH Public Access Policy and the associated copyright issues that inevitably arise from complying with the policy. The group also discussed various opportunities for research collaboration between the two institutions. For more information about scholarly communications activities at HSLIC or the NIH Public Access Policy, please visit http://hsc.unm.edu/library/SCI/nih_about.shtml.

Sally Bowler-Hill, MA
Information Systems Planner

Social Bookmarking – A Primer

Probably most people who use the Internet understand what bookmarks or “favorites” are –linkable lists of your favorite websites stored in your web browser. This is a handy way to get to sites that you already have decided are important to you. The biggest downside to bookmarking or marking “favorites” within your browser is that they are only available to you on the computer on which you bookmarked them.

Social bookmarking takes care of this problem by making all of your bookmarks available from any computer connected to the Internet. With a click of a button you can save any site or see your bookmarked “favorites”. Some popular social bookmarking sites are del.icio.us, digg, StumbleUpon, reddit, Netvouz, and furl.



Screen shot of de.licio.us (<http://del.icio.us/>)

Connotea (<http://www.connotea.org>) is a particularly interesting and relevant social bookmarking service for health care professionals, as it is specifically designed for scientists, researchers and clinicians. It works the way other social bookmarking services do, but has added value: when you add an academic article, it automatically imports all the bibliographic details.

Social bookmarks are by default sharable - thus the term social bookmarking - but can be marked private if you don't want to reveal them. If you are working on a team where sharing sources is important, you can create your own team account or easily distribute the account of one member just by typing the URL. In del.icio.us this would look like this: <http://del.icio.us/yourusername>.

To get started you will first need to register with a social bookmarking service. Then you will add two buttons to your browsers – one to tag and one to see your bookmarks. Most social bookmarking sites, such as del.icio.us, make this an easy two-step process.

There's a lot more to social bookmarking than what is written here, but the best way to understand it is to try it. You'll like it.

Pam Castaldi, MA
Instructional Media Project Manager
Learning Design Center

New Health Sciences Student Fee for Library and Technology Services Passed by UNM Regents

In March, the Regents of the University of New Mexico approved a new student fee for library and technology services at the HSC campus. Starting with the fall 2008 semester, all students enrolled in HSC programs will be assessed a \$150 fee per year for library and technology services. This fee will be billed in two parts – fall semester and spring semester. The fee will not be assessed for summer terms.

Proceeds from the fee will assure UNM students have access to the resources they need, offset HSLIC's increasing collection costs, and fund student-computing facilities in the library. The fee was a result of discussions with deans from the HSC and was part of a range of new funding strategies for HSLIC including private donations, more state funding, and reallocating more research facilities and administration costs to the library. Some of the resources HSLIC will fund with the new fee include:

- More print and electronic books
- Greater access to review software such as Exam Master®
- Improved search interfaces (databases, one-stop portals)
- Regular replacement of student computers on the plaza level
- Installation of monitors in study rooms
- Updated mobile computing classrooms for use throughout the HSC
- Support for student needs in the Domenici Center for Health Sciences Education (e.g. 24/7 student lounge).

New library resources: In fiscal year 2006, HSLIC's collection budget ranked 98th out of 120 academic health sciences libraries in the United States and Canada. Less than 10% of HSLIC's books, for which students are the primary users, were published in the last 5 years. Moreover, the library currently purchases only 1/2 a book per student per year. The proposed student fee will be used to purchase additional resources to assure UNM students have access to the same resources available to health sciences students at other schools. Additionally, as HSLIC focuses on obtaining electronic library resources, many of these resources will support both on-campus and distance students.

Increasing collection costs: Over the past ten years, the cost of health sciences journals has increased over 450%, while HSLIC's collection budget has only increased 38%. The proposed student fee will assist in making sure the library resources students use the most remain available at HSLIC.

Student computing: HSLIC houses 73 publically accessible computers, and serves as the only student computer pod at the HSC. On average during peak hours, weekdays between 11:30 AM and 3:30 PM, up to 85% of them are in use. There has been no formal, regular source of funds to replace these computers. The proposed student fee will provide sustainable funding for student computing at the library.

With this new fee, HSLIC will join the ranks of a growing number of academic libraries, including health sciences libraries, who have begun to look to students, as the cost of library resources have skyrocketed beyond the rate of inflation. However, the fee is also an opportunity for HSLIC to obtain new resources for students, while continuing to maintain existing resources utilized by the entire HSC.

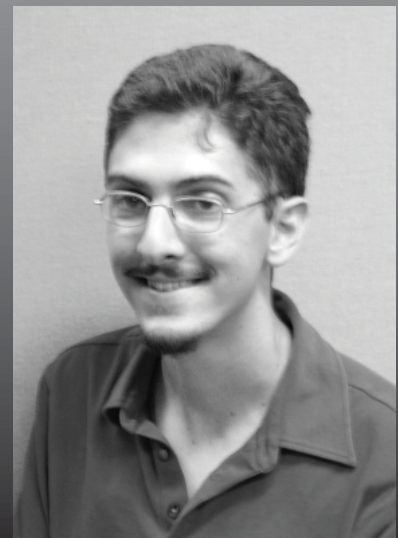
Sally Bowler-Hill, MA
Information Systems Planner

Nate Schneider, Award Winning Graduate and HSLIC Student Employee

Nate Schneider, who until recently worked as a student employee in the Learning Design Center, graduated magna cum laude on Saturday, May 17, 2008, from the UNM School of Architecture and Planning with a BA in Architecture. Upon entering UNM, Nate was 1 of 15 freshman students selected to receive the UNM Board of Regents' Scholars Scholarship, which provided tuition, fees, room and board, books, and a mentor to students selected from among the following groups: National Merit Finalists/National Achievement/National Hispanic; valedictorians; ACT composite score of 31 or higher; students with the strongest college preparatory work, including advanced, enriched and advanced placement courses; and a minimum sixth semester grade point average of 3.9 or higher. Through the program, Nate represented UNM at various community and University functions.

Nate will be taking a small hiatus to record with his pop/punk rock band, Step Two, before starting his new job with an Albuquerque architectural firm. He is already sorely missed by the Learning Design Center.

Deborah LaPointe, PhD
Assistant Director Education
Development, Learning Design Center



New Service: SharePoint

HSLIC TECHS and UNM Hospitals IT are working together to provide Microsoft Office SharePoint® Services for the UNM Health Sciences Center. SharePoint is a multi-featured online collaboration tool that runs in a standard web browser. SharePoint sites require users to authenticate using their HSC NetIDs, so it provides a good solution for restricted access sites such as departmental intranets, project team sites and committee sites. SharePoint offers a wide range of tools including document libraries for collaborative document development, group calendars, task lists and custom work flows. For more information about using SharePoint at the UNM Health Sciences Center you may contact Kevin Wiley, kwiley@salud.unm.edu.

Kevin Wiley, MS
Manager, Systems & Programming, TECHS



Phase II of the Domenici Center for Health Sciences Education Gets Underway

Beginning in June, construction will begin on Phase II of the Domenici Center for Health Sciences Education. The estimated \$13,000,000 cost of the building was funded from a variety of sources including HRSA federal grants, general obligation bond proceeds and UNM's bond proceeds. The building should be finished by Fall of 2009, just in time for classes.

The building will contain three floors (basement, ground and second floor) and have over 53,000 square feet. The first floor will house the Clinical Performance Center, debriefing rooms, standardized patient space, mock exam rooms, simulation rooms and support offices. The 2nd floor will house the Human Anatomy Lab, classrooms, prep areas, storage support space, a learning center and the Anatomy and Physiology classroom and support offices. The basement will be devoted to mechanical and electrical functions.

There are several UNM Offices that will be working together to help create this new interdisciplinary space. In addition to HSLIC, these include: UNM Office of Capital Projects (OCP); Safety; Risk Services (including Hazardous Materials, the Environmental Protection Agency, Occupational Health); PPD; Parking Services; ITS; UNMH Security and the UNM Police Department.

Dianne Zincke
Manager, Facilities Services

Marcia Sletten, MA
Manager, Division Support Services

Drug Information Portal
Quick Access to over 12,000 Selected Drugs

United States
National Library of Medicine
National Institutes of Health

Home

News and Features

NLM Resources

NLM Research Resources

Resources by Audience / Class

Other Resources

Home > Search Results

Search

DOXYCYCLINE

Go

Search for a drug by a name, such as Valium.

Go back to previous page.

Search Results

Drug Name:

Description: (4S)-(4alpha,4aalpha,5alpha,5aalpha,6alpha,12aalpha)-4-[(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide]. A synthetic TETRACYCLINE derivative with a range of antimicrobial activity and mode of action similar to that of tetracycline, but more effective against many species. Animal studies suggest that it may cause less tooth staining than other tetracyclines.

Categories: Go

NLM/NIH Drug Information Resources

☐ Summary of drug information (MedlinePlusDrug)

☐ Summary of consumer health information (MedlinePlusTopics)

☐ Summary of the effect on breastfeeding (LactMed)

☐ Summary of reviewed biological and physical data (HSDB)

☐ References from scientific journals (Medline/PubMed)

☐ References from toxicological journals (TOXLINE)

☐ Manufacturers drug label (DailyMed)

☐ Clinical trials (ClinicalTrials.gov)

☐ Biological activities and chemical structures (PubChem)

☐ Biological activities against HIV/AIDS and other viruses (HIV/AIDS ChemDB)

☐ Toxicological and chemical resources (ChemIDplus)

Other Drug Information Resources

☐ Information from the US Food & Drug Administration (Drugs@FDA)

☐ Search engine for other government resources (USA.gov)

Go back to previous page.

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U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894
National Institutes of Health, Health & Human Services
Freedom of Information Act
Last updated: May 2008

USA.gov

New NLM Resource—Drug Information Portal

In February 2008, the National Library of Medicine® announced the release of a new resource—the NLM Drug Information Portal. This site provides updated and reliable information from NLM and other dependable sources on over 15,000 drugs.

The portal is simple to access and navigate. Go to <http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp> and enter a drug name into the search box. The portal will search through NLM resources like MedlinePlus®, MedlinePlus Drug Information, Toxline®, Clinicaltrials.gov and DailyMed®. Information from the FDA, DEA, and USA.gov is also retrievable. A list of sources available is included on the main search page. A small “i” icon next to each result provides users with a brief description of that resource so they can choose the most relevant for their needs. Clicking on the resource link takes users to the drug information.

Users can also look for drug information organized by user type (librarian, researcher, the public, etc.) or by general drug class (prescription, supplement, over the counter, etc.).

The Drug Information Portal also has handy links to medical news, NLM research resources and government agencies. HSLIC has created a link to the NLM Drug Information Portal on the Pharmacy resources page at <http://hsc.unm.edu/library/education/pharmacy.shtml>.

Charity Karcher, MLIS
Pharmacy Services Librarian
Reference & User Support Services

HSLIC Honors Medical Students

The HSLIC faculty honored three medical students May 8th with the third annual HSLIC Student Awards.

Two of these awards went to graduating medical students during the Medical Student Award Ceremony in the Canyon Garden at the UNM Health Sciences Center.

Stephanie Pendergrass CC, IV received the Excellence in Teaching Service award. This award honors a graduating senior medical student for demonstrating life-long learning practices by evaluating and sharing information with the health care team and by educating patients about medications and procedures, choices in health care, and disease management.

Fatima Gutierrez CC, IV and **Jennifer Pierce** CC, IV received the Excellence in Informatics award for their work on an innovative project they designed using interactive virtual reality simulation for medical education. This program allows students to interact in a virtual environment with a virtual patient, providing a safe environment to make mistakes and learn how to apply important concepts related to the scenario. This work has led to several accepted peer-reviewed abstracts and presentations at national meetings, as well as the following two papers for which they won this award:

- Gutierrez F, Pierce J, Vergara, Coulter R, Saland L, Caudell TP, Goldsmith TE, Alverson DC. The effect of degree of immersion upon learning performance in virtual reality, simulations, for medical education. Stud. Health Technol Inform. 125: 155-160. (In Medicine Meets Virtual Reality 15; In vivo, in vitro, in silico: Designing the next in medicine. JD Westwood et. al (eds) IOS Press 2007, Amsterdam, The Netherlands; 155-160, 2007).
- Pierce, J., Gutierrez, F, Vergara, VM, Alverson, DC, Qualls, C., Saland, L, Goldsmith, T, Caudell, TP 2008 Comparative usability studies of full vs partial immersive virtual reality simulation for medical education and training. Stud. Health Technol Inform 132:372-377.

Brandon Peterson, a medical student completing phase I, received the third award, Excellence in Information Seeking & Critical Appraisal. Mr. Peterson was nominated by two different SOM faculty members who had observed his performance in problem-based learning tutorials for two separate blocks. One faculty member wrote, "He is truly intellectually excited by the intellectual challenge of finding new information, whether it's in journal articles, textbooks, on the Internet, or wherever." The other faculty member nominator wrote, "His skill (and enthusiasm) in using a variety of medical literature is—in my opinion—unsurpassed by any of the excellent medical students I've seen in the past 20 years." Mr. Peterson was one of five students nominated by SOM faculty members this year for this award.

Students may be nominated for these awards annually by any School of Medicine faculty member, fellow, or resident. Nomination details and contact information is disseminated each fall through various communication channels including the HSLIC website.

Jon Eldredge, PhD
Library Knowledge Consultant, Learning Design Center

Phil Kroth, MD
Assistant Director, Informatics Program

Deb LaPointe, PhD
Assistant Director Education Development, Learning Design Center

Photos alphabetically: Fatima Gutierrez, Stephanie Pendergrass, Brandon Peterson, Jennifer Pierce



“Frankenstein: Penetrating the Secrets of Nature”

During the month of April the Health Sciences Library and Informatics Center hosted a five part lecture series to accompany NLM’s “Frankenstein: Penetrating the Secrets of Nature” traveling exhibit. The lecture series built upon the themes raised in the exhibit and asked participants to examine the role of the individual in society through the bioethical implications of such topics as scientific discovery, genetic information ownership, boundary between life and death, neurosystems engineering, and organ donation. The events were well received with 258 people attending the five events.

Central to Mary Shelley’s novel – **Frankenstein or The Modern Prometheus**, and the focus of the traveling exhibit is the question, “What does it mean to be human and to be a part of the human community?” According to David Bennahum, Professor Emeritus of Medicine and guest speaker for the Frankenstein series, “Science has great benefits, but also significant harms that are often unintended or unexpected.”

“As a society, we have paid a very high price for our scientific advancements,” says Bennahum, citing the bombing of Hiroshima as an example. “There are consequences that come with technology. The question is, where do we draw the line?” How can we balance the benefits of medical discoveries against ethical or spiritual questions? While Bennahum admits there is no easy answer, he believes the discussion must begin and end with society, as a whole, not just a few scientists or politicians.



In addition to the lecture series, HSLIC hosted an 8th grade class from the 21st Century Academy Middle School. The class visited the exhibit followed by a class discussion about the exhibit, novel, and how it applies to today’s world. The exhibit will remain on display through August 6, in the Domenici Center for Health Sciences Education, and is open to the public Monday – Friday, 8:00 a.m. – 6:00 p.m.

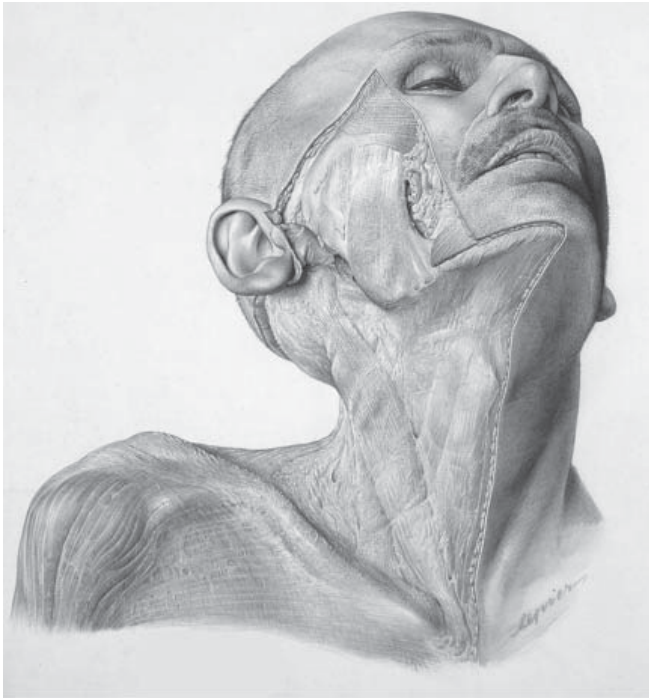
Laura J. Hall, MFA
Special Collections, Manager



Top: David Bennahum, MD, guest speaker for “Frankenstein: Penetrating the Secrets of Nature” lecture series, April 4, 2008

Middle: Opening Reception for “Frankenstein: Penetrating the Secrets of Nature,” April 4, 2008

Left: Albuquerque 8th graders visiting the exhibit, May 2, 2008



Color Plate, Artist: Erich Lepier, Atlas of Topographical and Applied Human Anatomy

The Pernkopf Atlas – An Ethical Controversy

Eduard Pernkopf's atlas, first published in Germany in 1937, has been considered one of the most important anatomical atlases since the work of Versalius. However, research into the ethical nature of his life's work has led to the conclusion that Pernkopf used victims executed by the National Socialists Party (Nazis) for his atlas. The atlas, the man, and the controversy are at the heart of a new display mounted by HSLIC's New Mexico Health Historical Collection.

Medical history is checkered with ethical controversies surrounding the origin of cadavers for medical education. Inquiries into the atlas in the mid 1990's and an international investigation directed by the University of Vienna, made public the National Socialist political background of Pernkopf. The investigation revealed the delivery of at least 1,377 bodies of executed persons to the Anatomic Institute of Vienna during this time. The possible use of these bodies as models cannot be excluded for up to half of the over 800 plates in the atlas.

The atrocities produced by the National Socialists and doctors associated with the party have left a lasting imprint on contemporary society. According to Howard Israel in an article published in *The Holocaust: Memories, Research, Reference*, "The significant contribution of the classic anatomy atlas to the health professions over the years remains unquestioned." And yet, due to the tainted nature of the atlas, it will always be controversial and elicit deep response from whoever encounters it.

The display is open for viewing on HSLIC's main floor during open hours through the end of the year. For more information, please call Laura Hall at (505) 272-6518.

Laura J. Hall, MFA
Manager, Special Collections

Attention All Current and Future Nursing Mothers!!!!

This is a grand time for nursing mothers, no more shower curtain in the Domenici Center Mothers Room! During the month of July the installation of a "real" door will be completed. This room will be available for use between the hours of 6:00 am – 6:00 pm Monday through Friday. This basic room contains a chair, small table and a mirror and is available on a first-come first-serve basis. There is a slider sign outside the room to move to "occupied" when it is in use. Please remember to push this back to "vacant" when you are finished. If you have any comments or questions, please contact Marcia Sletten at msletten@salud.unm.edu.

Marcia Sletten, MA
Manager, Division Support Services

Coffee Cart Moving to Domenici

Well after more than a decade of serving the students, staff and patients of the UNMH and the HSC, the last of the Service Leagues Coffee "Carts" is going away... but not too far. In fact we should say it's graduating... growing up! We will be relocating to a built-in location in the basement lobby of the beautiful new Domenici Center for Health Sciences Education.

This location will have better equipment, longer hours more staff and food. We have thought long and hard about this change and realize it is much needed to meet the growing demand for our delicious beverages. We are looking forward to the move and want to hear from you, our loyal customers. Andre will have a suggestion box at his cart so feel free to let us know what you think... good or bad. We will continue operating in the BMSB lobby until the construction is complete so you won't have to miss a drop.

Darryl Deloach
Assistant Manager, Espresso Cafes
Service League



Outside view of the basement lobby area in the Domenici Center for Health Sciences Education - Photo by B. G. Burr

Moving Up, Moving In

Leslie Sandoval, Training Support Analyst, had worked with HSLIC staff, specifically the Learning Design Center in her previous job at the CDD (Center for Development and Disability). At CDD she maintained the division web page and created several online courses. She is drawn to distance education and the LDC provided her the opportunity to explore this subject further. Leslie is an avid video gamer, a novice 3D artist and she raises dwarf hamsters. She can fluently read Old English and has been learning Japanese.

Scott Hanson, User Support Analyst I, first began working at HSLIC as a student employee where he helped with the Faculty Workstation Replacement Project (FWRP). Scott continues to help users across the HSC as part of the User Support Team. Scott likes to play video games and also enjoys cooking and hiking with his dog. When asked why he chose to work for HSLIC Scott replied "I enjoyed my student work here and it allowed me to continue with my schooling while working full-time."

Catherine Brandenburg
Administrator

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medicus

Library Director:

Holly Shipp Buchanan, EdD, MBA, MLn

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Saturday 9:30 AM - 6:00 PM

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