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BIMONTHLY BULLETIN OF THE HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

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Vol. 33, No. 3
May/June 2010

From the Desk of the Associate Vice President

It seems New Mexico is often at the bottom of national rankings, so I thought you would be interested in the following rankings among academic health sciences centers as they pertain to use of electronic resources.

- UNM HSC use of electronic reserves ranks #5 (out of 40 institutions reporting).
- UNM HSC use of electronic books ranks #10 (out of 85 institutions reporting).
- UNM HSC use of databases ranks #26 (out of 76 reporting).
- UNM HSC use of electronic serials ranks #33 (out of 76 reporting).

The University of New Mexico Health Sciences Center (UNM HSC) is in the top tier in a couple of categories, and well above the mean in the remainder in the use of electronic materials by HSC faculty and students. This is noteworthy for several reasons. First, the HSC has a relatively small student population, so the ranking for total measured use of these electronic resources shows how dependent students and faculty are for curriculum support. In addition, the high use of electronic resources is why the Health Sciences Library and Informatics Center (HSLIC) will use the increased library and technology student fee to add “seats” for various electronic textbooks (see article on page 7), so we can keep up with the demand for access to these resources, regardless of student/faculty location in New Mexico.

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2010 UNM Student Award for Innovation for Informatics winner, Soumya Banerjee (left) with Tudor Oprea, MD, PhD and Holly Shipp Buchanan, EdD.

Biocomputing @UNM 2010

The 8th Annual Biocomputing conference took place on April 16, 2010 in the Domenci Center for Health Sciences Education. This one-day conference was sponsored by the School of Medicine’s Division of Biocomputing and the UNM Center for Molecular Discovery. The conference centered on the topic of “Drug Discovery and Repurposing at UNM” and included a variety of scholarly speakers from UNM as well as a Keynote address by Chris Lipinski of Pfizer (retired). Approximately 40 people participated in this year’s conference.

Also recognized at the conference was the 2010 UNM Student Award for Innovation in Informatics. This award was presented to Soumya Banerjee, a graduate student in the UNM Department of Computer Science, whose winning paper entitled “Mathematical Model of Body Size Effects on Pathogens Replication and Immune Response Rates” involved building a simulation model using ordinary differential equations to explore whether pathogenesis is a function of both host mass and

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From the Desk of the AVP Continued from Page 1.

If you have suggestions for additional electronic resources or ways we can improve the access to these resources, please contact our Coordinator of Access and Resource Delivery, Holly Phillips (hphillips@salud.unm.edu).

Holly Shipp Buchanan, EdD, MLn, MBA, AHIP
Associate Vice President, Knowledge Management and IT

2010 HSLIC Student Awards

HSLIC is pleased to announce its student awards for Spring 2010:

Tammy Berry, for the Award for Excellence in Information Seeking and Critical Appraisal, awarded to a Phase 1 medical student.

Eleanor Carbett, for the Award for Excellence in Information Retrieval, Analysis and Communication awarded to a senior Pharm.D. student.

Aaron Pritchard, for the Award for Excellence in Teaching Service, awarded to a graduating senior medical student.

Dustin Richter, for the Award for Excellence in Informatics, awarded to a graduating senior medical student.

Lisa Robertson, for the Award for Excellence in Information Seeking and Critical Appraisal, awarded to a graduating undergraduate senior nursing student.

Each January, HSLIC solicits nominations from School of Medicine, College of Nursing, and College of Pharmacy faculty for its student awards.

Details concerning the awards and the nomination process can be found at <http://hsc.unm.edu/library/awards/index.shtml>.

Dick Carr, MALS
Coordinator, Reference & User Support Services



HSLIC's Jonathan Eldredge (left) and Dick Carr (right) with School of Medicine award winner Aaron Pritchard (middle).

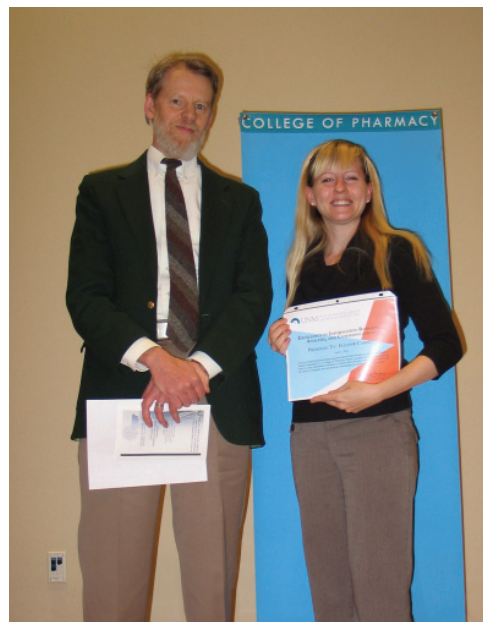
Biocomputing Day Continued from Page 1.

phylogeny. This award is given to a UNM graduate student or undergraduate student for the best paper describing innovation or research in the field of informatics. This is the sixth year HSLIC and the Division of Biocomputing have jointly sponsored the award. Mr. Banerjee was invited to present at the Biocomputing conference and also received a monetary award.

Lisa C. Romero
Administrator



College of Nursing
award winner Lisa
Robertson.



Dick Carr with Eleanor Carbett at the College of Pharmacy student awards ceremony.



Jonathan Eldredge (left) with School of Medicine award winners Tammy Berry and Dustin Richter.



HSLIC student employee Camille Rodriquez checks out an iPad. Photo by David Groth.

iPads™ Now Available in HSLIC

HSLIC now has 3 Apple® iPads, that may be checked out for use in the library building. HSC students, faculty and staff can check out these iPads for up to 4 hours at a time. Each iPad comes with a variety of applications (apps) already installed including:

- Productivity apps (Wikipanion, Safari®)
- Medical apps (Human Atlas, Eye Chart Pro)
- Access to library information
- News, YouTube™, calendar, maps, videos, music, and more!

HSLIC staff re-image these iPads after each use, so you can download and test other free apps from iTunes® if you wish.

iPads are great tools for group study and other collaborative projects, and drop-in training will be available soon for those who'd like a little help getting started. HSLIC's programmers are also interested in working with faculty to develop new apps for iPads and iPod touches. So, please tell us how you are using the iPad and what apps you like by including your feedback in the comment book at the Information Desk.

Offering iPads for check-out is one of several projects HSLIC is undertaking as part of its Regents' goal to expand services and support for mobile technologies at the UNM Health Sciences Center. For more information about HSLIC's iPad program and other mobile technology projects, please contact Owen Ellard, Director of Technology Support Services (oeillard@salud.unm.edu).

Sally Bowler-Hill, Program Operations Director

Dick Carr, MALS, Coordinator, Reference & User Support Services

HSC TV Wins PRSA Awards

The UNM Health Sciences Center (HSC) won three awards related to the HSC TV program at the 2010 Cumbre Awards banquet on April 29 held by the New Mexico Chapter of the Public Relations Society of America (PRSA). The HSC Communication and Marketing team won a Gold Award for "HSC TV," its entry in the Internal Communication category. The team also won a Silver Award for "HSC YouTube Page," entered in the Social Media category. Additionally, the HSC Office of Research won a Silver Award for "Annual Report of Contracts & Grants, 2009," which includes a DVD of HSC TV vignettes, in the Collateral Material category.

HSC TV is produced by HSLIC Multimedia Development Specialist John Arnold. This online video program focuses on the important health education initiatives, research programs and healthcare delivery happening at UNM. HSC TV can be found on the HSC's intranet site at <http://hscapp.unm.edu/intranet/> or on YouTube® at <http://www.youtube.com/user/unmhsc>.

The New Mexico PRSA chapter holds the annual Cumbre Awards competition to recognize excellence in the practice of Public Relations.

Sally Bowler-Hill
Program Operations Director



HSC TV YouTube page.

Chartbeat™ Provides Real-Time Web Stats

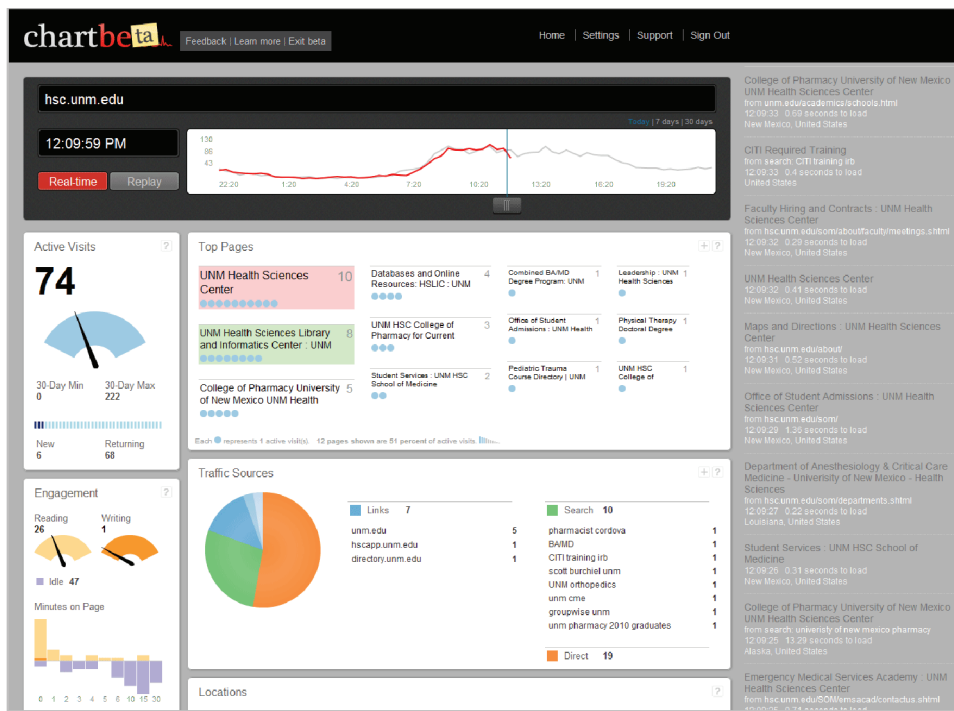
HSLIC recently subscribed to Chartbeat, a web-based application that produces continuously updated real-time web statistics. Web site activity is reported in Chartbeat with a delay of only a few seconds. The product shows how many visitors are on the site and the different parts of the country or world they are located. It also displays which pages on the HSC web site are being used the most. This data is useful for day-to-day monitoring of web site activity.

Chartbeat allows HSLIC to track statistics for up to five web sites. The ability to track a specific site is valuable when we roll out a new site and want to understand how it is being used. Because HSLIC web site administrators can track where the referring site visitors come from, we can see how links to the new site are propagating around the web.

Chartbeat provides a complement to the other web analytic tools the HSLIC's Web and Applications Group uses. Our other tools, WebTrends™ and Google™ Analytics, show statistics from the previous day, but they do not give you current day statistics like Chartbeat. Any HSC web site that uses the standard HSC web site

footer will be included in the Chartbeat statistics, and sites that do not use the standard footer are not included. For more information about Chartbeat, please contact Kevin Wiley (kwiley@salud.unm.edu).

Kevin Wiley, MS
Manager, Systems & Programming



Chartbeat online analytical tool.

HSLIC Research and Scholarship

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

Heather JH Edgar, PhD, Curator of Human Osteology at the Maxwell Museum of Anthropology and Assistant Professor in the Department of Anthropology and at HSLIC is co-PI on a \$328,000 grant from the National Science Foundation titled “The Cultural and Biological Significance of Ethnic Substructure in New Mexican Hispanics.” The project is collecting data on ethnicity, genetics, morphology, and health from a diverse cross-section of the New Mexican public and using these data to examine how people construct ethnicity, the sociocultural and biological correlates of ethnicity, and the social causes of economic inequality and health disparity. The results will be communicated to the public via a web-based exhibit as well as a panel exhibit that will travel throughout the state.

Jonathan Eldredge, MLS, PhD, Interim Coordinator, Learning Design Center, had a total of three papers published recently. A two-part article appeared in *Hypothesis* on research mentoring regarding defining an article author and the order of authors. The third appeared in *Evidence Based Library and Information Practice* and was on virtual peer mentoring in an open access journal.

HSLIC Faculty and Staff Take CPR Class

This May nine HSLIC faculty and staff volunteered to take a basic CPR class from the UNM Basic Advanced Trauma Computer Assisted Virtual Experience or BATCAVE. The training also included instruction on how to operate automatic external defibrillators (AEDs). Recent updates to the recommended CPR algorithm and the new technique known as “Hands Only CPR” motivated HSLIC faculty member and practicing internist Philip Kroth, MD, to organize the class. “I’m glad I took the course as I think it’s an important skill for everyone to know, especially if you work at a health sciences center,” said MaryLou Seyl, an administrative assistant in the HSLIC Business Services Unit and one of the HSLIC staff who volunteered to take the class.

Dr. Kroth is also leading an effort to secure funding for purchase and installation of two AEDs for the HSLIC Building and the Domenici Center Auditorium. AEDs are small portable devices that allow folks trained in their use to render immediate aide to a person who suffers a cardiac arrest until emergency medical services personnel arrive on the scene. AEDs have been shown to be lifesaving and are typically installed in crowded public places such as airports, shopping malls, train stations, and libraries. “Currently, there are no AEDs available in this area of the campus, which certainly has enough people around to justify their installation” said Kroth. “As New Mexico’s Health Sciences Center, we want to get these installed and have a cadre of trained HSLIC employees who know how to use them.” Luke Esquibel, Education & Staff Development Specialist from the BATCAVE, donated his time to teach the class and volunteered to provide his expertise in helping HSLIC select the best AED equipment to buy when a source of funding is identified.

Philip Kroth, MD, MS
Director, Biomedical Informatics Research, Training & Scholarship



Luke Esquibel of the UNM BATCAVE controls a high fidelity mannequin with a laptop to simulate a person going into cardiac arrest. Photos by John Arnold.



Top: MaryLou Seyl, Administrative Assistant 3, practicing “Hands Only CPR.”
Bottom: Rick Adcock, Manager of User Support Services, and Dick Carr, Coordinator of Reference and User Services, participate in CPR simulation with one of the BATCAVE’s high fidelity mannequins.

San Antonio Colleague Visits HSLIC

Angela E. Myatt MSc, Curriculum Liaison Librarian at the Briscoe Library at the University of Texas Health Sciences Center San Antonio, visited HSLIC March 30 through April 2, 2010. Angela spent most of her time learning from Jon Eldredge, MLS, PhD, about integrating library and informatics skills into the Evidence-Based Medicine (EBM) segments of the UNM medical students' curriculum.

The South Central Academic Medical Libraries (SCAMEL) Professional Development/Exchange Award funded Angela's visit.

Angela's four-day visit included observing Jon reviewing EBM search strategies for the second-year medical students during their opening EBM lecture in the Transitions Block, reviewing the junctures in the curriculum where medical students learn and apply their library and informatics skills, and perusing Jon's learning objectives. Angela also attended an EBM tutorial session facilitated by Jon with David Stoltze, MD, from the School of Medicine's Department of Family and Community Medicine. Additionally, Angela was able to meet with other HSLIC faculty colleagues to learn about their diverse roles and projects.

On the final day of Angela's visit, she participated in a second-year medical students' Transitions Block tutorial facilitated by HSLIC's Library and Education Services Director, Brian Bunnett, MS, MLS, Michelle Bardack, MD and Linda Smoker, MD from Family and Community Medicine. Later, she attended a weekly Tutors' Meeting chaired by the Transitions Block Chair, Teresa Anderson, MD, from the School of Medicine's Department of Pediatrics.

Angela summarized her visit in the following way "I enjoyed my visit to UNM HSLIC, it was an enlightening experience"

Jon Eldredge, MLS, PhD
Interim Coordinator, Learning Design Center

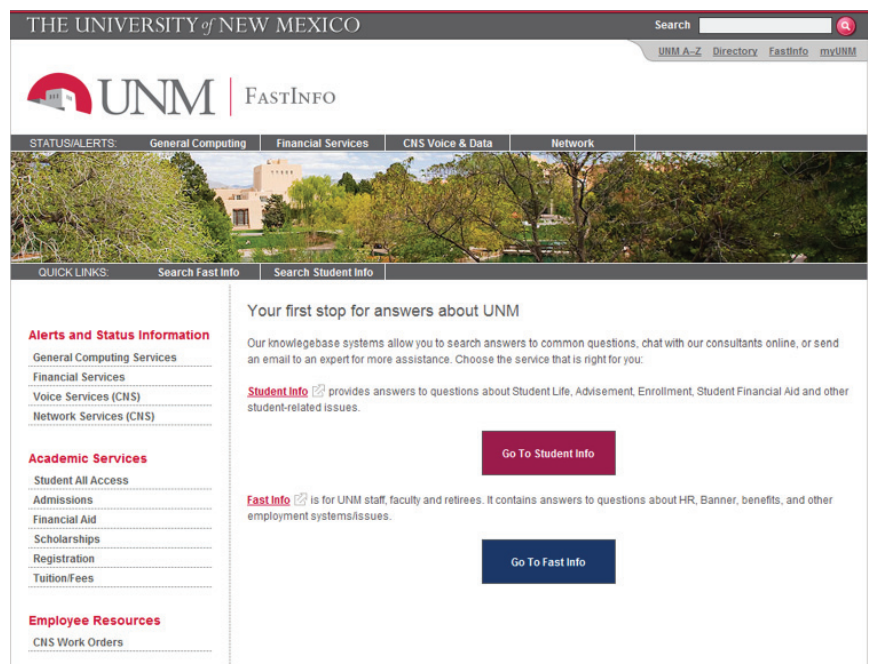


Jon Eldredge, MLS, PhD and Angela Myatt, MSc.

HSLIC Developing Query Guide for FastInfo

FastInfo, your first stop for answers about UNM, is a university-wide knowledge-base system. It contains information to answer questions on a wide range of topics from student life and computer operating systems to Human Resources and retiree benefits. Most of us at UNM are familiar with FastInfo and have used it in the past. But did you use it effectively? HSLIC Technical Support Analyst 2 Mary McCarthy and the HSLIC Learning Design Center have teamed up to build an online, interactive guide for effective FastInfo querying using Adobe's® Captivate® and Articulate® software. The guide will lead the user through the process of entering a focused query that will limit extraneous answers and deliver only highly probable answers to the query. The guide is currently set to become available September 1, 2010.

Jack Granato
Analyst Programmer 2, Learning Design Center



UNM FastInfo web site.

UNM Regents Approve Increase to HSC Library and Technology Student Fee

On April 2, 2010, the UNM Regents unanimously passed the Health Sciences Center's FY2011 budget. Included in the new budget is an increase to the HSC Library and Technology Student Fee to \$260 per year effective with the fall 2010 term. The fee will continue to be billed in two equal parts – fall and spring terms – and will not be assessed for the summer term.

With the increased funding, HSLIC will expand the number of licensed online seats available for some of its most heavily used eBook titles that HSC students need for their classes, like Goodman and Gilman's *The Pharmacologic Basis of Therapeutics* and Tintinalli's *Emergency Medicine*. HSLIC will also expand online exam preparation offerings, including NCLEX. In addition to expanding the number and availability of online eBook titles, the fee will help the library address continued publisher inflation for library resources and costs for student printing.

Since the UNM Regents approved the original fee in 2008, HSLIC has been able to provide access to more library resources and to maintain quality computer equipment in heavily used student-oriented areas, like the library's student computing area. It has also installed large LCD monitors in study rooms for student collaboration. Funds from the increased HSC Library and Technology Student Fee will be used to provide the HSC with campus support for classroom technologies, such as outfitting HSC classrooms with lecture capture or video-on-demand systems that can record audio, video and slide presentations for class lectures so students can review these materials to prepare for exams and class projects.



HSLIC's Ed Aalseth works with Chris Kiscaden from the School of Medicine to configure the lecture capture recorder installed in the Auditorium of the Domenici Center for Health Sciences Education. Ongoing maintenance of lecture capture is paid for by the HSC Library and Technology Student fee.



HSLIC plans to work with HSC student groups and faculty who support the curricula to gather input on other uses for the fee, especially what additional library resources and classroom technologies they would like to see. For more information, please call Brian Bunnett, Director of HSLIC Library and Education Services (bbunnett@salud.unm.edu, 272-4688).

Sally Bowler-Hill
Program Operations Director

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Fax	505-272-5350
Web Address	http://hsc.unm.edu/library



Library Hours:

Monday -- Thursday	7:00 AM - 11:00 PM
Friday	7:00 AM - 6:00 PM
Saturday	9:30 AM - 6:00 PM
Sunday	Noon - 11:00 PM
Holiday and break closures will be posted in the Library.	



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E-Scholarship Committee Aims to Transform UNM Scholarly Communication

Deanna Marcum, Associate Librarian for Library Services at the Library of Congress, defines e-scholarship as the application of information technologies to transform the print-era system of scholarly communication. At UNM this transformation is led by the campus-wide E-Scholarship Committee, made up of representatives from HSLIC, University Libraries and the Law Library.

On April 22 the UNM E-Scholarship Committee held a day-long retreat to clarify its mission and to identify projects that will optimize the intellectual capital produced by the university's faculty and students. The Committee will accomplish this goal by protecting authors' rights, consulting on open access publishing options, providing appropriate authoring services that will facilitate the work of UNM scholars, and improving the preservation and dissemination of the campus' scholarly output.

During the retreat the attendees discussed plans for expanding UNM's institutional repository, soon to be renamed LoboVault, through promotional activities and by improving the design and functionality of the user interface. Another topic of discussion involved converting various print-only UNM journals and newsletters to electronic formats as well as piloting electronic journal software. The creation of an online digital publishing/authoring center was also discussed; such a center will gather together, in a single, easy to use location, those library services that simplify the publishing, preservation, and distribution of the campus' scholarly output.

HSLIC's UNM E-Scholarship Committee members include Sally Bowler-Hill, Holly Buchanan, Brian Bunnett, Owen Ellard, and Holly Phillips. A web site for the program will be coming soon.

Brian Bunnett, MA, MLS
Director, Library & Education Services

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