



Lightning Rounds Information

Phoebe Ayers, Librarian

Physical Sciences & Engineering Library, University of California Davis

An E-Science Agenda for UC Davis Libraries

Purpose: The UC Davis Libraries participated in a 6-month "E-Science Institute" that was sponsored by the Association of Research Libraries (ARL) and the Digital Library Federation (DLF), with the aim of developing an e-science agenda for the UC Davis Libraries. This lightning round talk describes that process and the outcomes.

Setting/Participants/Resources: Two UC Davis librarians took part in a process designed by ARL, including doing local research and collaborating with other ARL institutions and with UC Davis faculty.

Methodology: An environmental scan of research activities on the UC Davis campus was done, and interviews were conducted with 11 UCD faculty and staff about their e-science needs and work. The data gathered from the interviews and environmental scan were analyzed in a SWOT analysis, the results of which was used to develop a list of potential library services. In collaboration with other ARL institutions participating in the institute, this was refined into a strategic agenda for the UC Davis Libraries.

Results/Outcomes: The strategic agenda document, based on structured research into campus needs, will shape how the UC Davis Libraries provide e-science related services in future. The agenda will also provide general information about the kind of e-science and e-research being done at UC Davis.

Conclusion: This process was useful in gathering information to support a new set of library services, and is also replicable by other interested libraries that are seeking to increase their support of researchers engaged in e-science.

Mary Wood, Librarian

Carlson Health Sciences Library, University of California Davis

Highlights of the Woods Hole Biomedical Informatics Course

This presentation offers a participant's perspective of the MBL **BioMedical Informatics** course. It is offered twice a year, funded by the National Library of Medicine, National Institutes of Health, and held at the Marine Biological Laboratory in Woods Hole, Massachusetts. It is

designed to introduce the conceptual and technical components of medical informatics, and to familiarize the physicians, librarians, and hospital administrators attending with the application of computer technologies and information science in medicine. Due to its content and rigor, the course is approved for Continuing Education credits by both the AMA and MLA.

Raquel Abad, Librarian
Blaisdell Medical Library, University of California Davis

An Introduction to the Journal of eScience Librarianship

The *Journal of eScience Librarianship* (JESLib) is an open access, peer-reviewed journal published quarterly by the Lamar Soutter Library of the University of Massachusetts Medical School. JESLib advances the theory and practice of librarianship with a special focus on services related to data-driven research in the physical, biological, and medical sciences. The first issue will be available in January 2012.

Sara Pimental, Senior Consultant
Care Management Institute, Kaiser Permanente

Librarians and the Electronic Health Record

This presentation will highlight the librarian's involvement in interoperability between a website for clinicians and HealthConnect, Kaiser Permanente's Electronic Health Record. Challenges and opportunities for the librarian will be discussed.

Jackie Hausman, Project Manager
Model eHealth Communities
Center for Health & Technology, University of California Davis Health System

The UC Davis/California Telehealth Network eHealth Broadband Adoption Training

The UC Davis/California Telehealth Network eHealth Broadband Adoption training is an online training curriculum of approximately 60 hours that was developed to provide educational opportunities to further eHealth Adoption. The training curriculum is designed to support the transition to technology-enabled health and health care. The online program can be accessed through the eHealth Broadband Adoption Training website: <http://ehealthtraining.extensiondlc.net>. The courses are offered at no charge.

Travis H. Nagler, Senior Database Programmer
Data Coordinating Center, American Burn Association

Multi-Center Burn Trial Data Collection - Begin with the End in Mind

With many Principle Investigators maintaining their data on Excel spreadsheets or local databases, it is not uncommon for them to discover at the end of the study that they do not have all the necessary data collected for a successful conclusion. This presentation will cover

some of the steps taken to ensure quality data collection for the American Burn Association's multi-center burn trial studies.

Sam Morley, Informatics Program Manager
Clinical and Translational Science Center, University of California Davis Health System

UC Davis Health System's Use of the REDCap Software System for Research Electronic Data Capture

REDCap, or the Research Electronic Data Capture system, is an application that allows users to quickly build and manage online surveys and databases quickly and securely, and to link data collected with existing statistical software tools. It is a valuable tool that can replace all Microsoft Excel spreadsheets and Access databases that researchers frequently use to collect study data.