Library Seeing Red, Infrared That Is: Cool Tool for Your PDA

The Spencer S. Eccles Health Sciences Library is experimenting with ways for personal digital assistant (PDA) users to interface with the Internet without being dependent on their cradle device and primary computer. One way is through high-speed infrared radio frequencies using Clarinet Systems, the leader in high-speed infrared (wireless) network connectivity for PDA devices. This device allows connectivity for virtually all handheld devices independent of their platform and operating system (OS) through a single access point. In the library, users can beam library brochures, special event notes, library publications such as the IAIMS Newsletter, etc. to their PDAs.

Patrons with static IP in their primary computer can now sync to update or send and receive email from their PDA using the device at the library. You may have already seen this technology in use at Utah Transit Authority (UTA) TRAX stations where riders can have the train schedule beamed to their device. The device has the potential to provide course handouts, journal articles, calendars, class announcements, etc.

Stop by and speak to someone at the Public Services Desk for a demonstration.

Contact Nancy Lombardo (801-581-5241; nancyl@lib.med.utah.edu) or John (801-581-5534; jbramble@lib.med.utah.edu)

Public Library of Science

The Public Library of Science (PLoS) is a nonprofit organization of scientists committed to making the world’s scientific and medical literature a public resource (http://www.plos.org/).

The Public Library of Science initiative, an international grass-roots organization of scientists, is launching its first open access journal. *PLoS Biology* will compete head-to-head with the leading existing publications in biology, publishing the best peer-reviewed original research articles, timely essays, and other features. PLoS begins accepting papers on May 1, 2003.

The Board of Directors is asking for your support and state that “by signing the PLoS open letter, you helped create this journal and the other PLoS journals that will follow. Let's work together now to make these journals thrive. We need your help to ensure that every scientist in the world knows about *PLoS Biology*. Please join our grass-roots network of PLoS Advocates to spread the word about PLoS at your institution, and encourage your friends and colleagues at other institutions to do the same.”

Visit [http://www.plos.org/cgi-bin/advocates.pl?email=wayne@lib.med.utah.edu](http://www.plos.org/cgi-bin/advocates.pl?email=wayne@lib.med.utah.edu) to sign the open letter.

Lead the Next Scientific Revolution

Publish your best work in *PLoS Biology*

the first open-access journal from the Public Library of Science

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Introducing . . . Shona Dippie
Metadata Cataloger, HEAL
Spencer S. Eccles Health Sciences Library

The “Introducing ...” column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Shona Dippie.

Shona Dippie relocated from Edmonton, Alberta, Canada to Salt Lake City in February after accepting the position of Metadata Cataloger on the Health Education Assets Library (HEAL) project. The HEAL project is funded by the National Science Digital Library (NSDL), an initiative of the National Science Foundation. In collaboration with various partners, HEAL is creating a national repository of free, web-based, digital multimedia teaching materials in the health sciences.

Her responsibilities include cataloging items according to the HEAL metadata schema; assigning Medical Subject Headings (MeSH) to records; and researching the application of the Unified Medical Language System (UMLS) to multimedia material. (Metadata is data about information objects, which uses a standardized structure and vocabulary to facilitate the process of accessing information.)

An Edmonton native, Shona began working at the local public library branch as a student page during high school. As an undergraduate at the University of Alberta, she continued in the field, working as an assistant in reserve readings and then in interlibrary loans.

Having graduated with a Bachelor of Arts in Comparative Literature, Shona returned to the Edmonton Public Library as a circulation assistant in 1997. This position offered the opportunity to gain experience in a range of areas including reference service to diverse communities of users. During this period she completed a number of continuing education courses in communication studies, editing, and library and information studies, prior to entering the Master of Library and Information Studies program at the University of Alberta.

While completing her MLIS, Shona was fortunate to work as a graduate assistant for Dr. Hope A. Olson on various projects related to the representation and organization of information and feminist and post-colonial theory, including the Cultural Construction of Classification project, funded by the Social Sciences and Humanities Research Council of Canada.

Shona is enjoying her introduction to Salt Lake City and the innovative, collaborative environment of the Eccles Library. She looks forward to seeing more of Utah and the rest of the United States, having traveled in Scotland and Turkey.
Classes for the Bioscientist in a New Format!

Classes for the Bioscientists resume meeting in June. Nicola Gaedeke, the course instructor, will teach this series of classes from Berlin, Germany. Students taking these classes will attend sessions at the Spencer S. Eccles Health Sciences Library.

So, how will this work?

Nancy Lombardo, in Utah, and Nicola Gaedeke, in Germany, will set up the classroom in the computer lab at Eccles Library using the Polycom ViaVideo system. ViaVideo guarantees live video, audio and data sharing in a one-to-one connection. As a student you can hear, see and communicate with the instructor in Germany, while viewing the presentation or participating in a hands-on class at the Eccles Library.

The June-August classes include the following familiar topics

- Information Hubs for Molecular Databases and Analysis Tools
- Similarity Searching using BLAST
- Maps and Mapping of the Human Genome
- Clinical Genetics Resources

A detailed description of the classes can be found at [http://medstat.med.utah.edu/library/edumaterials/eduservices/libclasses.html](http://medstat.med.utah.edu/library/edumaterials/eduservices/libclasses.html). Classes on molecular structure viewing, gene variation and expression resources, protein analysis tools or whole genome analysis will be available soon. For example, specific seminars on RNA analysis tools or drug discovery tools can be prepared on request. We will also use this technology to provide seminars of general scientific interest, for example, a comparison between the human and the mouse genome. Please visit the helix helper Web forum at [http://medstat.med.utah.edu/library/helixhelper/index.html](http://medstat.med.utah.edu/library/helixhelper/index.html) or contact Nicola Gaedeke at ngaedeke@lib.med.utah.edu.

Recent Change in PubMed MeSH Searching

The National Library of Medicine recently made significant changes in the MeSH (Medical Subject Headings) searching mechanism in PubMed. The MeSH Browser has been replaced with MeSH Database. After selecting the MeSH Database (accessed from the left PubMed sidebar), enter a search term in the text box, and click the Go button. (If the term entered does not match a MeSH term, the system suggests other choices.) On the next page click on the desired term. Then, click the box next to the term, and choose desired subheadings and other qualifying options. To complete building a search with the MeSH term, select Search box with and the appropriate Boolean operator (AND, OR, NOT) from the pull-down menu at the bottom of the page, and click the Send button. (Be sure to click on the box next to the MeSH term.) This results in a search box with the term and the chosen operator. You may now enter another term in the top text box and click Go. Once finished building your search, click the Search PubMed button to return to PubMed and initiate the search.

For more detailed information about medical subject headings users can visit [http://www.nlm.nih.gov/mesh/meshhome.html](http://www.nlm.nih.gov/mesh/meshhome.html) and click on the link to Online Searching. This MeSH record provides descriptor data that is often helpful to catalogers and others who are interested in the history of the medical subject heading and tree numbers, annotation, scope note, allowable qualifiers and unique identifiers.

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Mobile Curriculum: An Opportunity for Collaboration

John Bramble, Reference Librarian
Spencer S. Eccles Health Sciences Library

Mobile curriculum tools allow information to be pushed from faculty-to-students, student-to-faculty, faculty-to-faculty and student-to-student in a manner that is “device agnostic” and not geographically dependent. In other words, as long as students and faculty have access to the Web or a wireless network using a handheld device, they can access course materials and communicate instantly with fellow faculty or students.

For example, arcstream.com (http://www.arcstream.com/home.asp) has developed software that allows faculty to generate and maintain their curriculum via the Web. Some basic features of arcstream.com's software are it allows faculty to:

• send and receive comments and questions from students
• post course materials, quizzes and tests
• check student progress with assigned course work

For PDA users, the handheld acts as a temporary storage and input device until they sync with their main computer.

As another example, Professor Bill Griswold, from the University of California at San Diego, heads the ActiveCampus Project. (http://activecampus.ucsd.edu). His program has successfully integrated the use of PDA technology in the classroom. Funded by a grant, students receive wireless PDAs at the beginning of the semester. Students are required to bring their PDAs to class sessions so that faculty can instantly send, grade and return quizzes. In addition, students can ask questions, ask for clarification, or respond to questions instantly during class via the wireless network. This process is very effective in large auditorium settings and has given new voice to students who might otherwise be intimidated by their peers.

The Spencer S. Eccles Health Sciences Library plans on organizing/facilitating future forums and presentations from educators who are using the technology in the classroom and from hardware and software vendors of mobile curriculum tools.

As this is a collaborative effort, we invite and encourage your participation and input. If you have suggestions for forum or presentation topics discussing mobile curriculum tools, please contact: John Bramble (801-581-5534, jbramble@lib.med.utah.edu) or Nancy Lombardo (801-581-5241, nancyl@lib.med.utah.edu).

15th Annual Slice of Life Workshop
June 24-28, 2003, Philadelphia

Health sciences educators and developers using media and multimedia should not miss this year's Slice of Life meeting in Philadelphia. This year’s program is hosted by both the University of Pennsylvania and Drexel University Colleges of Medicine. The program with abstracts, as well as the registration form, is at http://www.slice.gsm.com Since its initial involvement in the now outmoded videodisc, Slice of Life, the Spencer S. Eccles Health Sciences Library has been a sponsor of this meeting.

Each morning's program includes a keynote talk on a variety of subjects from cataloging databases of electronic resources to teaching clinical skills. One of our keynote speakers will focus on evaluating human-computer interfaces on the Web and we will be introduced to a potentially useful multimedia e-book. Afternoon electronic posters and demonstrations on Thursday and Friday include over 65 titles including PDAS, evaluation, and online courses, and their management. Breakout sessions let you query the morning speaker, share your experiences, or be updated on breaking technology.

The annual student software prize will be awarded. If you want to nominate a student see the form on the website. On Tuesday and Wednesday before the main meeting, experts in either hands-on instruction or a computer lecture demonstration will present 22 full or half-day pre-workshops on broad and technical subjects.

Past evaluations show that the single greatest value of the workshop is the small size of the meeting, which permits networking, and in depth exploration of technology projects. Many collaborative projects have grown out of such encounters.

Next year's 2004 meeting will be a progressive meeting in the Netherlands. We will begin with pre-workshops in Amsterdam on June 28-30 and then move to Leiden July 1-3, 2004 for the remainder of the meeting in a charming university town, only 30 minutes away by train. Put next year's dates on your calendar and if foreign travel in not in your budget be sure to attend this year.
Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed & Special PubMed Features
Contact instructor to arrange a date and time; Molly Youngkin, 801-587-3493 or email molly@lib.med.utah.edu

Basic Design
Thursday, August 14, 2003

Bibliographic Management
EndNote (version 6)
Monday, May 19, 2003
Wednesday, June 11, 2003
Tuesday, July 15, 2003

Dreamweaver, Part 1 and 2
Monday, July 14, 2003
Tuesday, July 15, 2003

Excel Essentials, Part 1
Tuesday, May 20, 2003
Tuesday, July 22, 2003

Excel Essentials, Part 2
Wednesday, May 21, 2003
Wednesday, July 23, 2003

Grant Writing and Research
Friday, June 6, 2003

Patents and Trademark Searching
Wednesday, June 25, 2003

PubMed MEDLINE Basics
Wednesday, June 25, 2003
Wednesday, July 30, 2003

PowerPoint, Basic Presentations
Wednesday, May 21, 2003
Monday, July 14, 2003

PowerPoint, Advanced Techniques
Wednesday, May 28, 2003
Monday, July 21, 2003

PowerPoint, Posters
Tuesday, June 3, 2003

Scanning with Adobe Photoshop
Monday, June 30, 2003

Statistics for the Health Sciences
Friday, June 13, 2003

Classes for the Bioscientist

InfoHubs
Wednesday, June 18, 2003
Wednesday, July 2, 2003
Friday, August 15, 2003

BLAST
Friday, June 20, 2003
Wednesday, July 9, 2003
Monday, August 18, 2003

Maps and Mapping
Wednesday, June 25, 2003
Wednesday, July 16, 2003
Wednesday, August 20, 2003

Web Resource Center Classes

HTML, Part 1
Friday, June 20, 2003
Thursday, June 26, 2003
Friday, July 11, 2003

HTML, Part 2
Wednesday, July 2, 2003
Friday, July 18, 2003
Tuesday, July 22, 2003

HTML, Part 3
Tuesday, July 15, 2003
Friday, August 1, 2003
Thursday, August 7, 2003

Attendees must be able to use a PC Windows environment and be comfortable browsing the Web. Course descriptions are provided under the HTML Series link at http://uuhsc.utah.edu/wrc/community/classes/ To register online click on the link to Registration Form at the same URL. It is suggested that students sign up for one session from Part 1, Part 2 and Part 3.

Eccles Library Workshops and Classes
Next Generation Communication InfoFair 2003 Summary

InfoFair 2003 featured Mary M. Case, Director, Office of Scholarly Communication, Association of Research Libraries, as the keynote speaker. Ms. Case spoke about why the choices authors make when publishing matter.

Ms. Case began her presentation by quoting Donald N. Langenberg, who stated that “... much of the power of science ... derives from the steadfast commitment to free and unfettered communication of information and knowledge ... Information technology is of truly enormous importance to the research community, and hence to all humanity, precisely because it has the potential to enhance communication of information and knowledge within that community by orders of magnitude.” Though her address, Ms. Case made the point that judicious assignment of copyright by authors can help change the current copyright system which at times can hinder the flow of information.

The Meet the Experts panel discussion, moderated by Wayne Peay, followed Ms. Case’s remarks. Raymond F. Gesteland, Ph.D., Sarah C. Michalak and Richard J. Sperry, M.D., Ph.D. joined Mary and Wayne in illuminating the various issues related to scholarly publishing, copyright and open access to publications.

For the first afternoon session, William Griswold talked about his ActiveClass project at the University of California at San Diego. Attendees experienced a hands-on demonstration of how wireless technology can enhance the classroom. This program was moderated by Nancy Lombardo and John Bramble.

For the second afternoon session, Mary Youngkin led a panel discussion on Utahns in the Publishing Picture. Glenn Herrick, Ph.D., Margaret M. Landesman, Janet E. Lindsley, Ph.D. and Thomas N. Parks, Ph.D. each talked about their experiences with traditional and online publishing.

For further information, PowerPoint slides and real-video of the various sessions is linked from the InfoFair 2003 website at http://medstat.med.utah.edu/infofair/infofair2003/ Follow the links to Schedule and Presenters and Panelists.

Available at Low Cost

Researchers, scholarly writers, students, and librarians use EndNote software to search online bibliographic databases, organize their references and images, and create bibliographies and figure lists instantly. EndNote version 6 for Windows and Macintosh is a valuable all-in-one tool that integrates the following tasks into one program:
• Search bibliographic databases on the Internet
• Organize references and images in a database
• Construct a paper with built-in manuscript templates
• Watch the bibliography and figure list appear as you write!

EndNote 6.0 smartly advances research and publishing by organizing images with text, and by providing built-in Microsoft® Word templates for a variety of journals. Long known for Bibliographies Made Easy, EndNote 6 now defines Manuscripts Made Easy.

The University of Utah has a software license for EndNote. This license, available to University of Utah faculty, staff and graduate students, offers a substantial discount. Depending on how you pay for the software, and if you provide your own CD disk, the cost for this yearly subscription ranges from $21-27.

Contact the Office of Software Licensing at 801-585-0675 or http://www.osl.utah.edu to learn more about this deal. EndNote classes are taught at the Spencer S. Eccles Health Sciences Library (see page 5); for more information about the product visit http://www.endnote.com

Eccles Library Personnel Changes

Shona Dippie has joined the Eccles Library as the Metadata Catalog for HEAL (Health Education Assets Library). See her Introducing column on page 2.

Wanda Ramos has separated from the Eccles Library, leaving the position of Financial Analysis.

Doug Weber has been hired by the Eccles Library as a programmer for the MedHome Project.

Yusup Ulimov has been hired as a full-time Computer Technician.
**Catch the Wave at MLA 2003**

The Medical Library Association’s 2003 annual conference was held in San Diego, May 2-7. Responding to the program’s theme, *Catch the Wave*, Spencer S. Eccles Health Sciences Library librarians, faculty and staff participated with six posters and four program presentations. For a complete description of our posters and programs visit our website at [http://medlib.med.utah.edu/library/aboutus/libraryMLA2003.html](http://medlib.med.utah.edu/library/aboutus/libraryMLA2003.html)

**MLA Posters**

Sharon E. Dennis, Sebastian Uijtdehaage, Chris Candler and Sandra McIntyre
- Building an international multimedia digital library

Jeanne M. Le Ber, Nancy T. Lombardo, John Bramble, Alice Weber and Juliana Szakacs
- Load Up the Woody: Portable Classroom Leads to Partnership

Jeanne M. Le Ber and Susan Roberts
- Riding the Wave to Powerful Poster Presentations

Suzanne S. Stensaas, Derek Cowan, Jeremy M. Smith and Larry J. Stensaas
- Guaranteeing Access to a Unique Resource: Publishing a Brain Atlas in a Nontraditional Format

Mary E. Youngkin, John Bramble, Jeann M. Le Ber, Susan Roberts, Clair Hamasu, and Joan Stoddart
- Surf's Up and So Are the Fences! Providing Access to Health Sciences Information from Inside an Olympic Security Zone

Molly A. Youngkin and Claire Hamasu
- Hanging Ten with Public Libraries: Health Information Services to the State

**MLA Presentations**

Sharon Dennis, Sebastian Uijtdehaage, Chris Candler and Sandra McIntyre
- Building a Federation of Partners to Create a National Multimedia Digital Library

Patricia A. Auflick, Catherine Burroughs, Elaine Graham, Claire Hamasu, Molly McGetrick, Sharon A. Lezotte, Angela B. Ruffin, Ph.D., Stephanie Weldon
- Tribal Collaborations

Nancy T. Lombardo, Wayne J. Peay and Derek Cowan
- Digital Video Broadcasting: Plug and Play … Not Quite Yet!

Nancy T. Lombardo, Wayne J. Peay and John Bramble
- Library Leads Coordination of Campus Approach to Wireless Networking: Technology's Not the Problem!

**69th International Federation of Library Associations Meeting**

**IFLA Poster**

Nicola Gaedeke
- NCBI Advanced Workshop for Bioinformatics Information Specialists: An educational collaboration

**Catch the Big Information Fish @ Your Library at ULA 2003**

The Utah Library Association’s 2003 annual conference was held in Salt Lake City, May 7-9. Spencer S. Eccles Health Sciences Library librarians participated with posters and presentations.

**ULA Posters:**

Jeanne M. Le Ber
- Stressed Is Desserts Spelled Backwards

Jeanne M. Le Ber, Nancy T. Lombardo, John Bramble, Alice Weber and Juliana Szakacs
- Portable Classroom Leads to Partnership

**ULA Presentations**

Wayne Peay, Nancy T. Lombardo, Jeanne M. Le Ber and John Bramble
- Next Generation Library: panel and discussion

Nancy T. Lombardo and Erica Lake
- REI: Really Energetic Information!

Dawn Carroll, Erica Lake, Nancy Lombardo, Lori Neilson
- Who was that Masked One? Special Libraries in Utah

Kathleen McCloskey
- NIH Senior Health

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**IAIMS Newsletter Deadline and Mailing List**

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Fall 2003 issue of the IAIMS Newsletter is Monday, August 11, 2003.

The IAIMS Newsletter is available electronically at [http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html](http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html)

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, IAIMS Newsletter, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu
The Spencer S. Eccles Health Sciences Library

Summer Semester 2003 Hours

Hours are subject to change—Call 801-581-8773 for current hours

April 28 to May 31
Monday to Thursday 7:00 A.M-11:00 P.M.
Friday 7:00 A.M-8:00 P.M.
Saturday 9:00 A.M-8:00 P.M.
Sunday 11:00 A.M-11:00 P.M.

June 1 to August 18
Monday to Thursday 7:00 A.M-10:00 P.M.
Friday 7:00 A.M-8:00 P.M.
Saturday 9:00 A.M-6:00 P.M.
Sunday Noon-6:00 P.M.

Special hours:
Memorial Day, Monday, May 26 7:00 A.M-10:00 P.M.
Friday, July 4 Closed
Thursday, July 24 Closed

Regular Fall Semester hours resume August 18, 2003

Phone Numbers

Acquisitions . . . . . . . . . . . . 801-587-9247
Administration . . . . . . . . . . 801-581-8771
Hours/Renewals . . . . . . . . . . . 801-581-8773
Accountant . . . . . . . . . . . . 801-581-5267
Circulation . . . . . . . . . . . . 801-581-8772
Clinical Library . . . . . . . . . 801-581-4685
Gifts to Library . . . . . . . . . 801-587-9247
Duplication . . . . . . . . . . . . 801-581-5258
Education Services . . . . . . . 801-585-6744
Interlibrary Loans . . . . . . . 801-581-5282
Knowledge Weavers . . . . . . . 801-581-3031
Media Services . . . . . . . . . 801-581-8052
Outreach . . . . . . . . . . . . . . 801-587-3493
Regional Medical Library . . 800-338-7657
. . . . . . . . . . . . . . . . . . . . 801-587-3412
Reserve . . . . . . . . . . . . . . . 801-581-8772
Reference . . . . . . . . . . . . . 801-581-5534
Technical Support . . . . . . . 801-581-3691

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