Engineering Libraries
Division Newsletter
March 2005

Message from the Chair   Andy Shimp

Officer and Committee Chair Openings
Would you like to become more involved in ELD? We are now seeking nominees to fill officer and committee chair positions. Being an officer or committee chair provides the opportunity to advance the goals of the Division and share in the leadership.

Officers are elected by the ELD membership. For more details about the nomination process, please see the Call for Nominations in this newsletter. We will elect two officers:

Secretary/Treasurer: This position begins a four-year cycle continuing on to Program Chair, Division Chair and Past Chair/Chair of the Nominating Committee. The successful candidate will have the opportunity to organize a national-level conference program and lead ELD. While the commitment may seem to be daunting, I can tell you from personal experience that there are many people to assist you along the way.

Director: This two-year position shares in the leadership of the Division by serving on the Executive Committee and Extended Executive Committee. During the first year, the Director will plan the Annual Banquet for the 2006 conference. In the second year, the Director plans the ELD Welcome Reception.

Committee chairs are appointed by the Division Chair in consultation with the Executive Committee for a two-year term. We will appoint or reappoint the following chairs for a term beginning with the 2005 Portland conference. Current committee chairs are welcome to seek reappointment. If you would like to be considered for one of the following positions, please send a brief statement of interest to me at andy.shimp@yale.edu by April 29.

Accreditation and Standards: The Chair leads the Accreditation Committee in achieving its goals to improve the accreditation process for engineering libraries and to develop standards to be used to measure the strength of engineering libraries.

Archivist: The Archivist maintains the historical records of the Division and answers requests for information about material in the archives.

Electronic Discussion Lists: The Editor operates and maintains the electronic discussion lists, including maintaining current lists of subscribers and promoting the use of the e-lists.

JSTOR Task Force: The Chair leads the task force to identify priority titles and explore issues related to a JSTOR-like archive for engineering journals.

Newsletter: The Editor provides a publication timetable, solicits articles/news and produces four issues per year of the ELD Newsletter.

Not sure you're ready for the responsibilities of being a committee chair, but would like to become more involved? Consider joining a committee or task force. ELD committees are listed at http://eld.lib.ucdavis.edu/officers.php. Contact the chair to volunteer.

Liaisons Program: The Chair coordinates the activities of ELD liaisons to related library and engineering associations.

Membership Directory: The Editor is responsible for editing and producing an annual directory of ELD members.

Mentoring: The Chair leads the Mentoring Committee in achieving its goal of facilitating mentoring and networking among ELD members.

Continuing Education Survey Results

The complete results of the joint continuing education "hot topics" survey are now available at the ELD website <http://eld.lib.ucdavis.edu/> under "Programs and Resources." The survey was a first time effort to solicit the continuing education interests of science librarians, and represents a collaborative effort between ELD, ACRL Science and Technology Section and the SLA Science-Technology Division. The results will be valuable in future conference planning. Thanks to Ginny Baldwin for proposing and coordinating the collaboration.

Data collection took place during October and November 2004. The survey was publicized through the electronic discussion lists of the three organizations. Respondents were first asked to rank twenty-one pre-selected topics by level of interest on a five-point scale from "not interested" to "very interested." Next, open-ended questions asked respondents to volunteer their three topics of greatest interest. Finally, respondents were asked about professional organization membership and conference attendance plans.

The results analyze 254 respondents, including 64 ELD members. Chart 1 summarizes the membership affiliation of respondents.

Chart 1

3. Tell Us About Yourself			
1. Check any that apply. I am a member of:			
		Response Percent	Response Total
ALA		58.4%	142
ACRL		48.6%	118
ASEE Engineering Libraries Division		26.3%	64
SLA Scitech Division		37.4%	91
STS		41.6%	101
Other (please indicate):		39.1%	95
	Total Respondents		243
	(skipped this question)		11

Membership was also broken down according to attendance plans. Seventy percent of ELD respondents plan to attend the 2005 annual conference in Portland.

The results for the pre-selected topics were analyzed overall and by attendance plans for ALA, ACRL, ASEE and SLA conferences. Among ELD members, the top ten most important topics were:

1. Collaboration with faculty on research or teaching
2. Development of a digital institutional repository
3. Open access journals
4. Science blogs, listservs, and other ways of keeping current
5. Assessment and user surveys
6. Federated searching
7. Finding free, high-quality online data
8. Invisible web
9. Marketing and outreach
10. Usage statistics for collection development

Open access journals, collaboration with faculty, and marketing and outreach were the three topics of greatest interest overall, according to the respondents to the open-ended questions. Chart 2 summarizes the top overall responses.

Chart 2
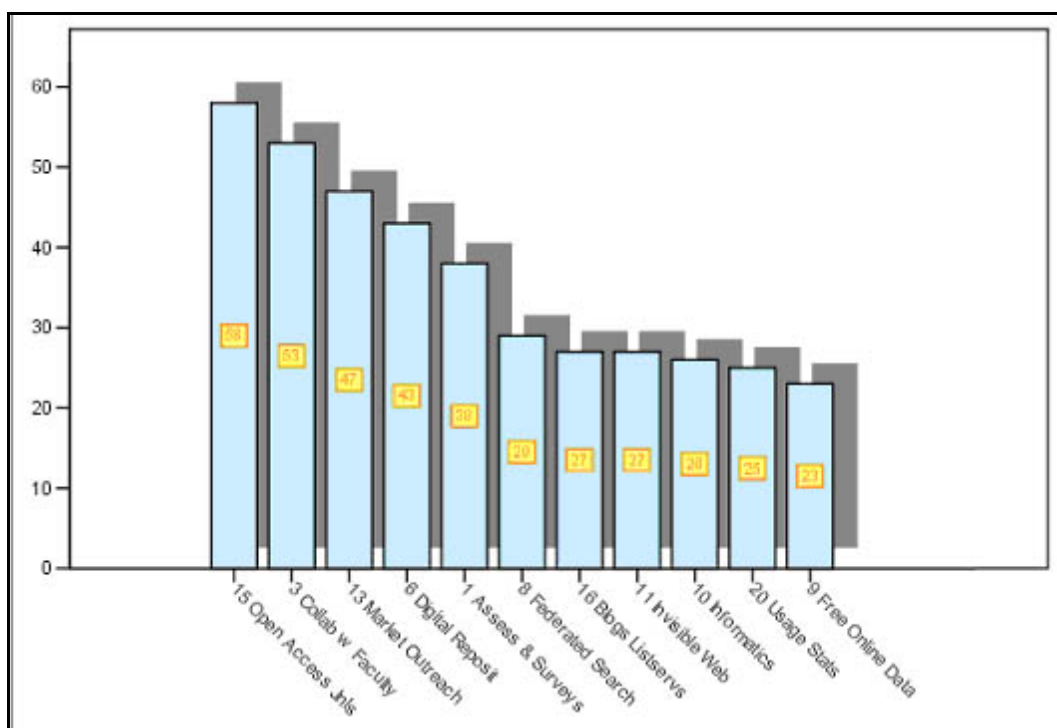
ELD Program Schedule for Portland, June 12-15, 2005

I include the schedule for the ELD Program in Portland, including moderators and speakers. Up-to-date information can be found at the ELD website at http://eld.lib.ucdavis.edu/conf/ELD_Portland_calendar.pdf.

I would like to thank the wonderful work of those helping me, including the moderators, speakers, presenters, authors, and reviewers. I also want to mention the program committee (Larry Thompson, Andy Shimp, Kate Thomes, Jeanine Williamson, and Amy Van Epps) and the development liaisons (Mel DeSart, Amy Van Epps, Karen Andrews, Lisa Dunn, Liz Mengel, Stephen Stich, and Larry Thompson). Craig Beard coordinated the paper reviews. Rachel Berrington, Portland resident, has also been helpful with lodging and transportation tips. Mel DeSart has been planning social events for CUEBALLS (Completely Unofficial "Early Birds" and "Leftovers" Line-up Squad) on ELD-L.

Thanks to our sponsors (Cambridge Scientific, Elsevier, IEEE, Inspec, IOP, Knovel, and Morgan & Claypool), we will have invited speakers (Lawrence Lessig from Stanford and Michael Powell of Powells.com), two hot breakfasts – one at the Special Interest Group meeting and one at our Annual Business meeting, and our annual ELD dinner banquet.

Highlights of the 2005 Conference

Lawrence Lessig has been chosen a distinguished speaker for the mini-plenary on Tuesday. This is the 2nd year in a row that an ELD invited speaker has been so honored. I invited him at Andy Shimp's suggestion. A Stanford University law professor, he will be speaking on *The Creators' Dilemma: The Struggle to Liberate Innovations and the Internet from the Law* on June 14 from 10:30 am – 12 noon.

Picnic – the ASEE Society-wide Picnic will be held at the Oregon Museum of Science and Industry on June 12 from 6-9 pm. This is a ticketed event, so be sure to register for it. Complementary round-trip transportation will be provided from the Oregon Convention Center. ELDers typically gather under maroon and gold balloons.

ELD Welcome Reception will be held at Powell's Technical Bookstore, 33 N.W. Park St., hosted by Amy Van Epps and sponsored by IEEE. Mel DeSart has also worked behind the scenes for this event. This was formerly called the New Members Reception, but we changed the name to reflect that all are welcome.

ELD Special Interests Groups Business Meeting – (formerly Get Acquainted) will again feature a hot breakfast, sponsored by Knovel. This is a great opportunity to talk to your colleagues in small groups about common issues. Rachel Berrington, the moderator, will be asking for your news via email in the upcoming months.

ELD Dinner Banquet – will be held at the beautiful and historic Governor's Hotel, 614 SW 11th Ave. There will be free transportation (light rail) to the hotel from the conference. Registration for this event will be done directly with our moderator, Liz Mengel (the banquet is no longer a ticketed event). Elsevier is our sponsor, and there is no charge for ELD members. Stay tuned for emails about registration on ELD-L.

ELD Annual Business Meeting – for the first time this meeting will feature a hot breakfast, sponsored by Morgan & Claypool. All members are invited to attend.

Extended Executive Committee Business Meeting
This meets on the last day, Wed, June 15 from 4:30-6 pm. EEC Members (officers and committee/task force chairs) are expected to attend, and need to plan their travel accordingly.

We have worked hard to plan a stimulating program and will feed you as well. Thank you for giving me the opportunity to plan it.

See you in Portland!

Jill Powell
ELD Program Chair, Portland
Jhp1@cornell.edu

Very happy are John, Paige, Sharon, and Mel at a baseball game in Salt Lake City. Be sure to check out the CUEBALL events. Ask Mel for more info!

ELD Conference Program for ASEE Portland, June 12-15, 2005

	Sunday June 12, 2005	Monday June 13, 2005	Tuesday June 14, 2005	Wednesday June 15, 2005
8:30 – 10:15 x241		**Main Plenary**	**2241 ELD Annual Business Meeting w/ Food** Andy Shimp Sponsor: Morgan Claypool	
10:30 – 12:00 x341	Tentative Patent Workshop Tom Turner, Portland Public Library?	**1341 ELD Special Interests Group Business Meeting w/ Food** Rachel Berrington Sponsor: Knovel	**Distinguished Lectures/Mini-plenary** Bruce Neville The Creators' Dilemma: The Struggle to Liberate Innovations and the Internet from the Law, Lawrence Lessig	**Distinguished Lectures/Mini-plenary**
12:30 – 2:00 x441		**1441 ELD Technical Session Digital Libraries for Engineering Education** Craig Beard Engineering Digital Libraries in Support of Education – Bill Mischo, Alice Agogino, Jacki Sullivan, John Saylor	**2441 ELD Committee meetings** Andy Shimp	**3441 ELD Technical Session Innovations in Library Management** Alice Trussell Building Partnerships Through Kaizen – Beth Mohler Professional Development and Middle Management: Making it Win-Win – Honora Nerz, Suzanne Weiner Mid-Career Malaise? Let 's Put on a Show – Nancy Linden
2:30 – 4:15 x541		**1541 ELD Poster Session** Ibironke Lawal See list next page. **Also Focus on Exhibits**	**2541 ELD Technical Session Vendor Partnerships with Engineering Libraries** Jay Bhatt Partnering to Create a New Online Product – Karen Clay, Judy Luther (Morgan and Claypool, Synthesis) Vendor Partnerships with Engineering Libraries: – Abstract Partnering with Knovel, -Charles Paulsen, Jay Bhatt, Lisa Dunn, Amy Van Epps A Successful Collaborative Partnership Among the Faculty and Librarians at Drexel University with IEEE – Jay Bhatt, Rachel Berrington, Andrew Wheeler, Ruth Wolfish International Use of Engineering Databases, Peter Katz, Elsevier	**3541 ELD Technical Session Digital Vaults in Academia** Eileen Dorschner Opening the Vaults of Academe- George Porter, Hema Ramachandran Archiving Digital Engineering Proceedings- Anna Gold, Tracy Gabridge, Deborah Helman Utilizing Safari Tech Books Online: as Supplementary Reserve Materials – Randy Wallace
4:30 – 6:00 x641		**1641 ELD Technical Session Re-energizing the Mid-Life Professional** Co moderators: Lisa Dunn, Frank Elliott Dr. Burnout or How I Learned to Stop Worrying and Love the Job - Sandy Lewis Revitalizing Your Job at Mid-Career: Get a New One or Put the Shine Back on the Old One - Susan Boyd What Do I Do Now: Suggestions For the Frustrated Mid-Career Professional – Bruce Reid	**2641 ELD Technical Session Technical Papers Session** Anne Graham Training Engineers for the Global Marketplace – Kate Thomes Engineering Department, Libraries, K-12, and Other Initiative: Drexel University and University of Maryland Experience, Bob Kackley, Jay Bhatt, Dorilona Rose, Joanne Ferroni Innovative Technology and Entrepreneurship at Powells.com - Michael Powell	**ELD EEC Business Meeting** Jill Powell; Kate Thomes
6:30-8:30 x741	**ASEE Picnic** 6 pm – 9 pm Oregon Museum of Science and Industry	**1741 ELD Welcome Reception** Amy Van Epps Powells Technical Bookstore 33 N.W. Park St. Phone (800)225-6911	**2741 ELD Banquet** Liz Mengel Governor's Hotel 614 SW 11th Ave. Phone (800) 554-3456	**ASEE Banquet**

1541 **Poster Session**
Ibironke Lawal
June 13, 2005, 2:30 – 4:15 pm

The Information Seeking Behavior of Engineers, Jiye Ai

Survey: Assessing the Impact of Electronic Journals at the University Libraries of Notre Dame, Carol Brach Co-Authors, Sherri Jones, Carole Pilkinton

Digital Archives and Institutional Repositories: a Sabbatical Review, Dorothy Byers

Creating a Library Instruction Session for a Technical Writing Course Composed of Engineering and Non-Engineering Students, Kevin Drees

Using Pictures To Tell The Story Of An Engineering Library, Frank Elliott

Keeping the Flame Alive: Coping with Librarian Burnout, John Forys

Engineering + Information Literacy = One Grand Design, Barbara MacAlpine

A Citation Analysis of References Cited in the Journal of Engineering Education and the European Journal of Engineering Education. Nester L. Osorio, Gabriel E. Osorio

The Institutional Repository Pilot at University of Michigan, James Ottaviani

The Harmony of Peers - Mining Peer Selection Patterns to Improve Consortial Engineering Collections, Orion Pozo

FYS Library Instruction for Surveying Students at Penn State/Wilkes-Barre, Bruce Reid

Information Finding Skills Instruction to Support First Year Design Project, Cristina Sewerin

Awareness of Literature Databases Among Engineering Graduate Students, Sheila Young
The Use of Portal Technology in Library User Education, James Van Fleet , Barbara Stockland

Publications Committee Update

The Publications Committee, with the assistance of members of the Extended Executive Committee, has completed the review of ELD session papers submitted for inclusion in the *2005 ASEE Annual Conference Proceedings*. Through this double-blind process, the reviewers objectively critique the papers and determine whether they should be published in the proceedings. The reviewers also provide suggestions for improvement to the writers of the papers. This helps insure that the papers published are of the highest quality possible. The committee thanks Andy Shimp for improvements to the guidelines used by the reviewers in the process.

The Literature Guides Subcommittee reports that the latest addition to the series, "Data Mining and Warehousing" by Janardan Kulkarni, is complete and will soon be available on the ELD website. Janardan, who chairs the subcommittee, encourages anyone interested in preparing a guide to contact him at *jmkulk01@louisville.edu*. Thanks to ELD Webmaster Bob Heyer-Gray, "Guidelines for ELD Literature Guides" is available online at http://eld.lib.ucdavis.edu/litguide_guidelines.php.

Craig Beard, Chair
cbeard@uab.edu

Nominations Sought!

gauntlet. n. 1. a former punishment, chiefly military, in which the offender was made to run between two rows of men who struck at him with switches or weapons as he passed. 2. an attack from two or all sides. 3. trying conditions; an ordeal. 4. four year ELD officer rotation.

Hmmmm, how did that last definition get in there? You know, it really shouldn't be.

I realize we sometimes say that the rotation from Secretary / Treasurer to Program Chair to Division Chair to Nominating Chair is like running a gauntlet. But, nothing could be further from the truth.

With the gauntlet, you're running alone. With ELD, you've got a team working with you every step of the way.

With the gauntlet, you've got attackers on all sides trying to beat you down. With ELD, you've got colleagues with similar interests who want you to succeed.

With the gauntlet, you reach the end bloodied and bruised. With ELD, you reach the end of the rotation and realize it was one of the most rewarding things you've done as a librarian.

No, it's not a gauntlet. It's a great opportunity to work with your colleagues and shape the character of ELD for four years.

In addition to the Secretary – Treasurer position, there is also an opening for Director. If you're the type who would like to plan a get together for 100+ people, then this is the opportunity for you. As first year director, you'll plan the ELD Banquet in Chicago, and as second year director you'll plan the ELD Welcome Reception in Honolulu. What could be better than that??!!!

Contact one of the committee members if you would like to place yourself up for nomination for either Secretary – Treasurer or Director. Or, if you know other ELD members who might be interested, please check with them and see if they would like to be nominated.

More information on these positions can be found at: http://eld.lib.ucdavis.edu/bylaws.php#addendum1

Contact any member of the Nominating Committee. Charlotte Erdmann, Linda Musser, Larry Thompson.

Webmaster Update

Many of you may have noticed that the ELD URL changed once again. The URL is now http://eld.lib.ucdavis.edu/. A restructuring of the UCD Library web space with more normalized naming conventions brought about the change. The switch should have been seamless...although if you still have the ELD pages at Cornell bookmarked, you will be going through two re-directs to get to the new pages with no guarantees that the re-directs will forever remain in place.

A preliminary calendar for the ELD Conference Program in Portland is available at: http://eld.lib.ucdavis.edu/conf/ELD_Portland_calendar. pdf
Perhaps it is too early yet, but if you would like to get your presentation or poster session mounted on the ELD web site, please send me your files. I will be sending out reminders again later.

Thanks to Mel DeSart, I have been able to fill in the gaps on the ELD Newsletter page: http://eld.lib.ucdavis.edu/newsletter/newsletter.php

We now have a complete run from March 1995 to current. Added Newsletters:
March 1995
March 1996, May 1996, Sept/Oct 1996, December 1996
March 1997, May 1997
May 1998, September 1998, December 1998
September 2000, December 2000
March 2001, December 2001

A longer-term project that I have begun undertaking is to convert the HTML on the ELD web pages to XHTML. Besides being cleaner code, XHTML allows for better cross browser compatibility and while it might not be a large portion of our user-base, most Internet ready cell phones and handhelds require XHTML for websites to be viewed properly.

Bob Heyer-Gray
ELD Webmaster
rheyer@ucdavis.edu

Flood Watch Part I

Flood Update for the University of Hawaii at Manoa

Thanks to everyone in ELD for your inquiries and gracious offers of assistance over the last three months. Having just recently gotten, generator, power back in most of Hamilton Library you will excuse me if I have not been prompt in replying to your email.

At this time we have lights, AC and network access in most of the building. The Ground Floor has been cleaned and stripped of everything except structural walls and support columns. The AC, electrical, network and telephone infrastructure for the older two thirds of the building will need to be replaced and the Ground Floor space completely reconstructed.

At this time, all of the staff who had offices on the Ground Floor have been relocated to temporary offices and we have begun to order replacements for materials lost in the flood. While it will be a very long time before things are "normal", we have moved from emergency response to recovery. Photos of the flood and the recovery effort can be found at http://libweb.hawaii.edu/uhmlib/. (This URL will change to http://libweb.hawaii.edu when we complete the installation of our replacement web server.)

By 2007, when ASEE meets in Honolulu, I hope I will be able to show you how we redesigned the library. I look forward to seeing all of you this summer in Portland!

Bob Schwarzwalder
Assistant University Librarian for Library Information Technology
University of Hawaii at Manoa

Flood Watch Part II

UNM's Centennial Science and Engineering Library Suffers Flood
Bruce Neville

A blackout in the area of campus on the coldest night of the year set off a literal cascade of events that led to a broken pipe and a flood in UNM's Centennial Science and Engineering Library. On 24 December, water was discovered leaking in the building and library staff were alerted. By the time the water was turned off, it had almost reached the tops of the base plates in the circulating collection on the lower level. The flood also affected several offices on the upper level, including my own.

Over the next few days, 10,000 gallons of water were pumped out, and the library's Disaster Response Assistance Team (DRAT) worked to stabilize the most badly affected maps and books. About 10% of the map collection had to be sent off for freeze-drying. The books and the rest of the map collection were packed off to a storage facility at the edge of campus. We were fortunate that the flooding was discovered in time. So far, only about 300 books and 500 maps are known to have been destroyed beyond recovery, though more may surface during the restocking.

The entire lower level had to be gutted, including removal of the carpet, shelving, ceiling tiles, and even the drywall. All hard surfaces were remediated for mold, which was growing despite New Mexico's arid climate. The upper level of the library opened to patrons about a week late after the holiday break. We still had access to our journal collection, our reference collection, a limited map collection, and our electronic classroom. So far, the recovery effort has concentrated on the lower level; the offices and the carpeting that was removed on the upper level will have to wait.

At this point (21 Feb), the construction crews have done a beautiful job of restoring the lower level. The shelves have been reinstalled, and now comes the task of bringing back the books. Unfortunately, the roughly 28,000 boxes of books are essentially unmarked and have been shuffled at least twice. Actually, the boxes *were* marked—with the Cutter numbers! We have developed a plan to open each box, zap a barcode, consult a database based on a shelflist created by the opac, assign the box to a "virtual shelf," print a label, and stage the boxes by range before bringing them back to the library. Then, the entire collection will need to be shelf-read.

At this point, we're still hopeful of being able to open the lower level back to the public when we return from spring break in a month. I'll let you know in Portland how we did!

New Members

Donna Beck began her position in October 2004 as the Engineering Librarian for the Engineering and Science Library at Carnegie Mellon University in Pittsburgh. Her subject areas at CMU are Biomedical Engineering, Chemical Engineering, and Materials Science and Engineering. Donna received her M.L.I.S. from the University of Pittsburgh in 2004. She spent 5 years in the Acquisitions department of CMU's Hunt Library before accepting her current position.

Previously she has worked in library support staff roles at these Pittsburgh area libraries: University of Pittsburgh, Carnegie Museum of Natural History, Allegheny General Hospital, and the National Environmental Technology Applications Corporation.

Danielle Kane is the new Electrical Engineering Librarian at the University of California at Santa Cruz. Danielle has a Masters in Library Science and a Bachelor of Science in Geoscience from the University of Arizona with an emphasis in Quaternary Ecology and implied miners in physics, chemistry, and mathematics.

Prior to attending library school, Danielle worked as a field geologist for American Geotechnical and as a part of her duties, worked on the remediation of landslides. She will be attending the Portland ASEE conference and is looking forward to getting to know other ELD members. Her email address is kanede@ucsc.edu.

Christopher Hamb is an Assistant Engineering Librarian and Assistant Professor of Library Administration at the Grainger Engineering Library at the University of Illinois at Urbana-Champaign, where he works with reference services and user education. Christopher also helps develop online search systems to access library materials and is currently co-instructing a Library and Information Science course on meta-searching technologies and techniques.

He has been in this position since August 2004 and was previously a graduate assistant at the Grainger Engineering Library while earning his MLIS. Christopher has a BS in Mathematics and an MLIS, both from the University of Illinois at Urbana-Champaign, and he is currently learning the art of ceramic pottery.

Nancy C. Shaw is the Affiliate Director of North Carolina Project Lead The Way, a national pre-engineering program for junior engineers in middle and high schools. The program is one of several K- Ph.D. outreach initiatives affiliated with Duke University's Pratt School of Engineering.

Nancy received a B.S. in Electrical and Computer Engineering from North Carolina State University in 1989. Since graduating from NC State, she has worked for BellSouth, Inc. as a telecommunications engineer and later for the University of North Carolina-Chapel Hill School of Medicine as a Senior IT Computer Consultant.

New Members continued

Paula Storm has been the Science and Technology Librarian at Eastern Michigan University since September 2004. Previous to coming to Eastern Michigan, she worked as Competitive Intelligence Manager for the National Center for Manufacturing Sciences in Ann Arbor Michigan.

She has also served as the Assistant Director of the Science and Engineering Library at Wayne State University, and as the Science Librarian at the University of Michigan, Dearborn. She received a BA from Oakland University and a MILS from the University of Michigan.

Randy Wallace is the Science & Engineering Librarian and library liaison for the Computer Science & Engineering and Physics departments at the Research Park Library, University of North Texas, a position he has held since September 2002. Prior to this position, he was a Research Associate at UNT, a teaching assistant in the UNT School of Library and Information Science, and he has held various classified staff positions at the University of New Mexico Libraries, including the Fine Arts Library and the Centennial Science & Engineering Library.

Randy has a BA from the University of New Mexico and an MLIS from the University of North Texas. He is also an adjunct professor at the UNT School of Library and Information Science where he teaches a collection development course via WebCT. Randy will be presenting a paper, "Utilizing Safari Tech Books Online as Supplementary Reserve Materials," at the upcoming ASEE Conference in Portland, OR.

Scott Warren became the Assistant Head of the Textiles Library and Engineering Services at the North Carolina State University Libraries in December, 2004. Before his present position, he was the Librarian for Physical and Mathematical Sciences at the NCSU Libraries. He came to the NCSU Libraries as a Fellow in August 2001 after getting his M.A. in Library and Information Studies from The University of Wisconsin-Madison.

His research and writing focuses on using deeplinking to promote virtual browsing in a library environment. He holds the B.S. in Physics, Mathematics, and Astronomy and a B.A. in History from The Pennsylvania State University. When not being a librarian, he reads for fun and enjoys doing yoga.

Michael White is the new public services librarian for research services in the Engineering and Science Library at Queen's University in Kingston, Ontario. Prior to joining Queen's, Mike was a librarian in the Patent and Trademark Depository Library Program (PTDLP) of the U.S. Patent and Trademark Office (USPTO) from 1998 to 2005. He completed a one-year fellowship with the PTDLP in 1998.

In his new position at Queen's, Mike will be responsible for working with faculty, researchers and graduate students to design and promote customized information services focused on interdisciplinary research needs. He will work closely with the departments of chemical engineering and chemistry but also with interdisciplinary research centers across campus and PARTEQ Innovations, the university's technology transfer office. Queen's is one of Canada's leading research-intensive universities with more than $150 million in sponsored research and approximately $5 million in annual licensing revenue.

Mike has worked as an engineering/science librarian at the University of Maine in Orono, Loyola University in Chicago and the University of Michigan. He received his BA degree from Boston University in 1989 and his MLIS from the University of Michigan in 1994.

Organizational Liaison Report: ACRL/SPARC Forum

In the Public Interest: Open Access and Public Policy
2005 ACRL/SPARC Forum
ALA Midwinter, Boston, MA January 15, 2005

Host: James Neal, Columbia University Librarian

Speakers:
- Jane Griffith, NLM Assistant Director for Policy and Legislative Development, National Institutes of Health
- Gary Ward, Associate Professor of Microbiology & Molecular Genetics, University of Vermont
- Sharon Terry, President and CEO of Genetic Alliance

This year's ACRL/SPARC Forum focused on the need for, and the implications of, the National Institutes of Health (NIH) open access proposal. This proposal calls for the results of NIH funded research to be put in an open access archive, PubMed Central, soon after publication. The final policy decision has been held up in Congress, so rather than discussing implementation of the policy, Jane Griffith discussed the goals and objectives of the proposal, and identified issues NIH considered in drawing up the proposal.

Gary Ward discussed the benefits of increasing open access for the research scientist and the teacher. He also used his experience as a publisher of a professional society's journal to demonstrate that open access, after a brief embargo period, does not harm the profitability of journal publishing.

Sharon Terry described the barriers to access she experienced as a layperson trying to obtain medical literature on a rare disease. She discussed her path to becoming an advocate for open access and in forming the Alliance for Taxpayers, PXE International, and the Genetic Alliance, three organizations that work in various ways to reduce barriers to access to scholarly literature.

Key points by each of the speakers are described below.

Jane Griffith:
The objectives of the NIH proposal include:
1. Create a stable archive of peer reviewed research publications for permanent preservation
2. Create a secure, searchable compendium to facilitate monitoring trends in research
3. Make published results available to the entire spectrum of the public who can make use of it.

The NIH proposal, following revisions in September 2004, requests (not mandates) that authors place accepted manuscripts in PubMed Central 6 months after publication. NIH proposes open access archiving in PubMed Central rather than linking to publisher web sites for several reasons. First, the National Library of Medicine (NLM) is mandated by Congress to build and maintain the medical archive for the benefit of public health. Additionally NLM has pioneered technology and set standards for archiving medical information. While NIH supports a multiplicity of archiving approaches it sees the open access model as most appropriate for its charge and its responsibilities to the public.

The NIH proposal sought comment from publishers, researchers, disease advocacy groups, librarians, and others. Some of the issues raised include concern that public access archiving would harm peer review and have a negative impact on investigators. Griffith explained that only manuscripts that have been peer reviewed will be archived, and that since publishing results of NIH funded research is already a requirement of receiving funding, the burden on investigators will not increase. In fact, investigators in the future will be able to simply link to existing NIH funded research previously archived in PubMed Central to support their findings.

Another concern was that the proposal might harm scholarly publishing as a whole. Griffith stated that there is no evidence that putting NIH funded research in a publicly accessible archive would cause journal cancellations. She said that only a portion of current journal literature results from NIH funded research, and that only about 10% of the articles currently in PubMed Central result from NIH funded research.

Concern was also expressed about the cost of the proposal. Griffith says estimates indicate it will cost $2-4 million each year to implement, and that that is affordable within the $28 billion annual NIH budget.

Further information about the NIH proposal is available at:
http://www.nih.gov/about/publicaccess/index.htm

Gary Ward: Ward says that from the modern day researcher's perspective, highly diverse research needs simply cannot be accommodated by what individual library budgets can acquire. Even in well-funded research libraries he estimates that 20-25% of articles of interest are not immediately available. Interlibrary loan is not a good substitute for onsite collections or for

open access in his view: the cost and the delay of interlibrary loan are barriers that impede the researcher's process.

Ward says that from a teaching perspective it does students a disservice to use what is available in an institution's library rather than what exists in the world as a whole: to use a subset of the universe of available information rather than the whole of it. He points out that patients and physicians want and need access to the latest scientific literature. He feels that the lack of open access to NIH funded research is outrageous.

Ward says the benefits of open access to NIH funded research include:
1. Leveling the playing field between states and countries
2. Accelerating the rate of scientific progress by integrating content and search ability
3. Accelerating the rate of scientific progress by allowing more eyes/minds to work on issues

As a publisher of a professional society journal Ward described a business model that works in harmony with open access. The American Society of Cell Biology (ASCB) publishes *Molecular Biology of the Cell*. ASCB does not depend on journal income to support the society's activities (this statement drew applause from the audience), and is therefore free to find the best publishing model. Following publication, articles in the journal are available only through subscription for the first 2 months, after which access is open. ASCB has found that this 2-month embargo is long enough for it to maintain its subscription base and to run the publishing operation in the black.

ASCB endorses the NIH proposal because:
1. Barriers to scientific communication slow scientific progress
2. Comprehensive/searchable databases increase scientific productivity
3. It is fair that taxpayers get the benefit of their investment
4. Experience shows that subscription income will not be adversely impacted by placing articles in open access 2 months after publication
5. Value added services from publishers are not precluded in the NIH proposal

Ward says that immediate access to research results serves the needs of scientists, patients, physicians and the public. He is concerned that modifications to the NIH proposal are watering down the potential benefits of the original version. For example, in the original proposal, NIH funded research would be placed in PubMed Central 2 months after publication in the journal literature. Modifications have moved that time frame back to 6 months. Ward thinks that if further modifications move it back to 12 months, benefits to the public and the research community will be lost and that the proposal would then have minimal impact.

Sharon Terry: The case study Sharon Terry presented put a personal, yet generalizable face on the key issues related to open access to scientific literature, particularly medical literature. Terry and her husband became activists, advocates, and community organizers in support of removing the barriers faced by ordinary citizens to health information. They formed the Genetic Alliance, an international coalition of advocacy groups that has collected hundreds of case studies on parents and advocates who have suffered from the lack of open access to current medical literature. Terry formed the Alliance for Taxpayer Access to secure public access to research funded by taxpayer dollars.

Terry described the process she and her husband followed to get information about a rare disease diagnosed in their children. Their family physician and specialists they consulted were not very knowledgeable initially about the disease and, in what has become a common scenario, the patients needed to educate themselves and then help their physicians learn about the illness.

Terry reported on her experiences with barriers to access to scholarly literature including $25 a day fees to enter a research library and charges for interlibrary loan articles. She describes her schemes to become an "authorized user" of various collections such as volunteering to work in a hospital to gain access to its library, and borrowing the logon and password from sympathetic friends who had access to subscribed systems.

In the end Terry and her husband read the relevant literature, created a chart of the disease (it genesis, behavior, and progression) that is still definitive, patented the gene they found was responsible for the disease, and wrote articles that were published in Nature.

They did all this against the backdrop of "common knowledge" that laypeople do not need access to scientific literature because they would not be able to understand it.

Call for New Members: Best Practices for Electronic Resources Task Force

Are you interested in access issues, content issues, copyright, publisher relations, or licensing for electronic resources? Would you like to help ELD make a positive difference in these areas? If so, we would like to hear from you.

The Best Practices for Electronic Resources Task Force of ELD is looking for new members. Currently, the Task Force is working on revising and more widely publicizing the Punch List of Best Practices. See the revised version at: http://eld.lib.ucdavis.edu/punchlist/PunchlistRevision.pdf.

The earlier edition generated some very positive "buzz" both inside and outside of ELD as our ELD

Organizational Liaisons have brought the Punch List to the attention of their respective organizations. The Task Force hopes to expand this buzz with the revised edition.

Current members of the Task Force are: Karen Andrews, Mel DeSart, Elizabeth Mengel, Jim Ottaviani, Kate Thomes, and Thomas Volkening.

If you are interested in joining the team, please contact Christy Hightower, christyh@ucsc.edu. You don't have to be an expert on any of the issues listed in the Punch List to participate—interest and enthusiasm are fine. But if you do have relevant experience or expertise, please be sure to list that in your reply.

Member Achievements

John Forys' 2002 article on faculty use of library resources has been cited in "For Better or for Worse: The Joys and Woes of E-Journals" *Science and Technology Libraries* 25 (1/2).

Jim Ottaviani was featured on Nation Public Radio's Morning Edition program. Read the article and find out about his other life! http://www.npr.org/templates/story/story.php?storyId=4495248

Organizational Liaison Report: ACRL/SPARC Forum continued

Terry has a master's degree and worked as a university Chaplin. Her husband completed high school and worked as a contractor. Despite their lack of formal medical education they did quite well with the research literature once they got their hands on it.

The examples presented by Terry demonstrate the importance of open access and the particularly obvious case for OA to publicly funded research results. She responds bluntly to the charge that the NIH proposal will harm the financial stability of publishers saying, "Since when is the NIH/government in the business of ensuring the sustainability of companies?"

Conclusions: James Neal summarized the session saying the three speakers effectively and firmly underscore the ongoing importance of securing open access to

scientific literature. Neal said that it is important to look for alliances between stakeholders with common concerns. He also emphasized the importance of gathering and using accurate data to support claims and arguments relative to OA.

The 2005 ACRL/SPARC forum was videotaped and if the quality of that taping is good enough is may be released for viewing at some point. PowerPoint presentations of each of the speakers are available at the SPARC page at http://www.arl.org/sparc

Report submitted by ELD/SPARC Liaison Kate Thomes (University of Pittsburgh).