American Society for Engineering Education

Engineering Libraries Division Newsletter

May 2013

Message from the Chair
Doug McGee

Hello ELD! I hope you enjoyed a productive spring semester and are looking forward to our gathering in Atlanta next month. It's certainly been an eventful year with several chair positions coming open, a new stipend for our cherished Bernhardt Award, and the successful **recruitment of a distinguished speaker for this year's** conference, among other things. For those of you planning to attend the ASEE Conference, I would particularly like to welcome our newest members who may **be attending for the first time. I'm sure you will find** ample opportunity to network with ELD colleagues and get involved.

ASEE Annual Conference in Atlanta

Please see Adriana's report for the latest updates but I would like to extend my sincere thanks to the team that's making this possible. Adriana and the Programming Committee; Directors Anne Rauh and Aleteia Greenwood, Development Chair Larry Thompson, Secretary-Treasurer Megan Sapp Nelson, Publications Chair Craig Beard, and Man-on-the-Scene William Baer have been keeping things running smoothly. It has also been a tremendous help to Adriana, given the unexpected turns that took place along the way this year, to have so many other colleagues willing to pitch in. A wide array of ELD members have served or will be serving as event coordinators, paper reviewers, and moderators. Thank you all! I would also like to extend kudos to Larry Thompson and the Development Committee for their tremendous efforts in garnering continued sponsor support for our activities. In addition to complimentary meals, ELD has also been able to provide travel stipends and funding for a distinguished speaker, Prof. Michael Carroll from American University, this year all as a result of our sponsors. Please be sure to thank them as well for their support while you are at the conference.

And while plans for Atlanta are coming to their conclusion, planning for **Indianapolis will begin in earnest next month. I'm sure our incoming Program** Chair, Megan Sapp Nelson, will be on the lookout for suggestions for the 2014 **conference. If you are not presenting this year, it's never too early to think about** submitting a paper next year as Megan will be submitting her call for abstracts in September.

ELD is a division of the American Society for Engineering Education. Its mission is "to promote and strengthen the role of the library as an integral part of engineering education."

http://depts.washington.edu/englib/eld/

Message from the Chair (continued from page 1)

ELD Elections and Chair Re-Appointments

ELD thrives on the strength of its talented membership, and we saw this again with another strong slate of candidates running for office this year. Congratulations to our incoming Secretary-Treasurer, Anne Rauh **from Syracuse University, and first year Director, Jon Jeffryes from the University of Minnesota. I'd like to** also offer my thanks to Amy Buhler and Tracy Pimich for running as candidates. The opportunity to serve is ongoing, and I hope you will consider running again in the future.

We had several chair positions to fill this year. Fortunately, several current chairs agreed to renew their terms or to stay on until a replacement could be recruited. We also have a new Membership Directory editor. Please join me in welcoming our returning chairs as well as taking note of highlighted opportunities:

Archivist	**Cecilia Mullen**
Awards	**Alice Trussell**
Electronic Discussion Lists	**Mel DeSart**
Liaison Program	**Mary Strife**
Membership Directory	**Bernadette Ewen**
Mentoring*	**Jay Bhatt**
Newsletter editor*	**Jim Van Fleet**
Scholarly Communication*	**Jon Jeffryes**

*- recruiting a successor!

If you are interested in serving on any committees, please feel free to contact the chairs or speak with them in Atlanta. As I transition into the past-chair role, I will also be looking for volunteers to serve on the Nominating Committee. Please see me in Atlanta if you would like to serve in this capacity.

And finally... Thank you ELD!

It has been a pleasure and a privilege serving on the Executive Committee these past three years. I have enjoyed working with so many of you and learning a great deal in the process. What an exhilarating experience it has been! Thank you all for the opportunity to serve and a turn at the wheel of the great ship that is ELD. I would particularly like to thank past chairs Mike White and Bob Heyer-Gray, whose sage advice **and encouragement helped keep me from running it aground.   Safe travels, everyone, and I'll see you in** Atlanta.

Cheers,

Doug McGee
ELD Chair, 2012-13
dmcgee@seas.upenn.edu

See you in Atlanta!

Conference Program Update for Atlanta, 2013

Program Chair Update

We are only a month away from the ASEE Conference in Atlanta and I am pleased to report that we have a **great program planned! We are grateful to all authors who submitted papers; we couldn't have put together** this Program without your valuable contribution! This year we have 17 papers that will be presented at two technical sessions and one vibrant Poster Session. This year the number of technical sessions for our division **has been limited to only two (based on past years' paper submissions and acceptance rates), but we also have** a Panel Discussion on open data, the ELD Lightning Talks are back due to popular demand, we have a Hot Topics Round Table which will tackle the ever exciting topic of managing e-book collections and last, but not least, our division is sponsoring the Distinguished Lecture on open access and open educational resources presented by Prof. Michael Carroll.

Thanks to all speakers, poster presenters, panelists, moderators, directors, development committee members, **reviewers and others who have made this year's program possible. I especially want to thank the Program** Planning Committee for all their hard work and assistance: Willie Baer, Craig Baird, Aleteia Greenwood, Doug McGee, Anne Rauh, Megan Sapp Nelson and Larry Thompson. The Program Planning Committee members would greatly appreciate your feedback following the conference, so make sure to bookmark the assessment survey available at http://tinyurl.com/ELD2013 and submit your thoughts and reactions at the end of the conference.

Our program starts on Sunday, June 23rd, as we will participate in the ASEE Division Mixer. Amy van Epps is coordinating the ELD welcome table at the Mixer, and will be staffed by members promoting our division so please stop by to get an early start to your professional networking. We hope you will hang out for the ASEE Focus on Exhibits Welcome Reception, which will follow the Mixer.

The detailed ELD program is provided below and will also be posted on the ELD website. Larry Thompson and the Development Team have once again done a terrific job in gathering sponsorships this year. Through their hard work and the generosity of our many sponsors, several meals will be provided for members

Conference Program Update for Atlanta, 2013 (continued from page 3)

throughout the conference. Please take the time to visit our sponsors to thank them for their support. Our sponsors this year include: ASM International, ASTM International, Begell House, Elsevier, IEEE, INSPEC/IET, IOPP, Knovel, Momentum Press, Morgan & Claypool, ProQuest, SAE, SAGE, and SPIE. Details on the sponsorships are available in the Development Committee Report in this issue of the Newsletter.

I encourage speakers/presenters to send their presentations (or links) to our webmaster, Julie Cook, so she **can post them on the ELD website. Julie's e**-mail is: julesck@u.washington.edu.
An important role of ELD is to offer social and networking opportunities so that we can meet and welcome new members and catch up with old friends. Once again, we have several exciting social events lined up.

On Sunday, after the ASEE-wide events, there will be a dessert reception sponsored by SPIE at Dantanna's Downtown Patio, One CNN Center, Suite 269. On Monday night, the ELD Welcome Reception sponsored by IEEE will be held at STATS, Adidas Room, 300 Marietta St NW and the after-party will be held at Der Biergarten, Majolique Room, 300 Marietta St NW. On Tuesday evening, the ELD Banquet sponsored by Elsevier will also be held at STATS (walking directions to STATS are shown here).
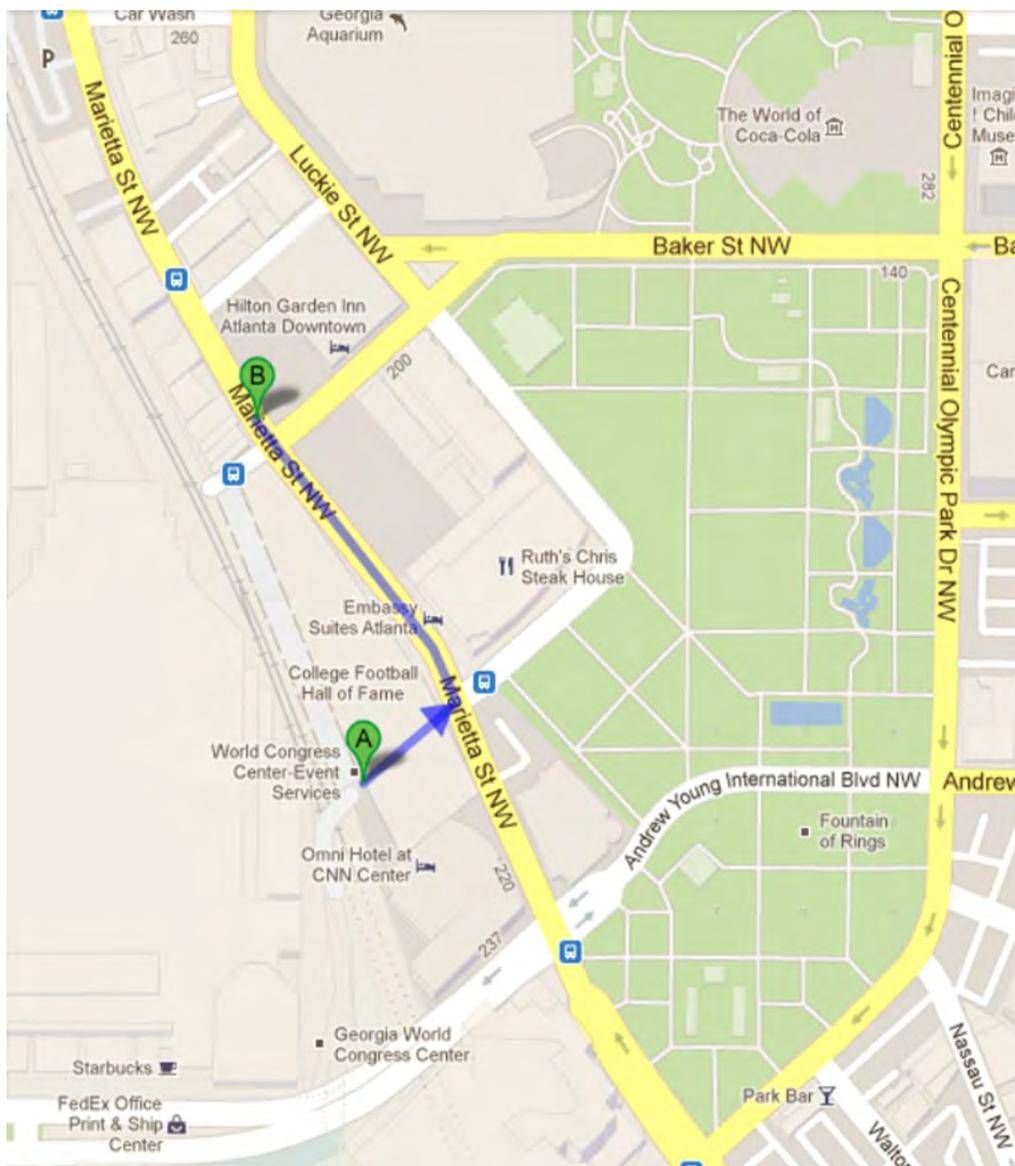
Conference Program Update *(Continued from page 4)*

Mel DeSart has once again worked his magic and lined up volunteers for two CUEBALLS activities for Sunday. If you are interested in visiting the Botanical Garden in Atlanta this summer, please contact Paige Gibbs at pgibbs@umassd.edu and if you'd like to explore the Georgia Aquarium, contact Patricia Watkins at watkinp1@erau.edu. Dinners are also coordinated for Saturday (contact Mel DeSart) and Wednesday (contact Jill Powell). Make sure to watch the ELD website and ELD-L for more updates.

MONOLITH, ASEE's conference planner/paper management system, performed reasonably well, but we had quite a bit of confusion regarding deadlines, particularly after the second round of reviews was introduced this year for papers accepted with changes. Authors who submitted revised drafts were not able to load final versions of the papers to Monolith and this problem has been reported to ASEE, but I encourage authors, reviewers and general users to report any further problems or offer suggestions for improvement as well.

Finally, a huge THANK YOU! to all our sponsors for their generous support!

See you in Atlanta!
Adriana Popescu
Program Chair, 2012-2013

Conference Program Update *(Continued from page 5)*

ELD Sessions at ASEE Annual Conference 2013

SUNDAY, JUNE 23, 2013
U604 - ASEE Division Mixer, 4:30-6:00pm
GWCC, Thomas Murphy Ballroom

U706 – Focus on Exhibits Reception, 6:00-7:30pm
GWCC, Exhibit Hall A1

Dessert Reception, 7:30-9:30pm
Dantanna's Downtown Patio, One CNN Center, Suite 269
Sponsored by SPIE (Booth 722)

MONDAY, JUNE 24, 2013
M204 - Main Plenary I, 8:45-10:15 am
GWCC, B-Thomas Murphy Ballroom

M306C - Focus on Exhibits Brunch & M357- NSF Poster Session, 10:30am-12:00pm
GWCC, *Exhibit Hall A1*

M435 - ELD Lightning Talks, 12:30-2:00pm
Omni – International Ballroom A
Moderator: Anne Rauh

M535 – Fresh Perspectives on Information Literacy, 2:15-3:45pm
GWCC, Room A410
Moderator: Daniela Solomon
Sponsored by Begell House (Booth 606)

Educating for Evidence Based Decisions in Engineering: The View as Librarian and Instructor
Prof. Amy S. Van Epps (Purdue University, West Lafayette)

An E-Learning Approach to Data Information Literacy Education
Mr. Jon N. Jeffryes (University of Minnesota, Twin Cities) and Lisa Johnston (University of Minnesota)

Information Literacy Instruction Assignment in an Online Module
Prof. John B. Napp (University of Toledo) and Ms. Phoebe Jane Ballard (University of Toledo)

Work in Progress: Critical Thinking and Information Literacy: Assessing Student Performance
Ruth E. H. Wertz (Purdue University, West Lafayette), Mr. Michael Fosmire (Purdue University, West Lafayette), Dr. Senay Purzer (Purdue University, West Lafayette), Mr. Austin Iglesias Saragih (Purdue University), Amy S. Van Epps (Purdue University, West

Lafayette), Ms. Megan R. Sapp Nelson (Purdue University, West Lafayette), and Prof. Brian G. Dillman (Purdue University, West Lafayette)

Re-tooling Information Instruction Delivery and Assessment for the Freshman Engineering Class: The Good, the Bad and the Ugly
Ms. Mary L. Strife (West Virginia University), Ms. Marian G. Armour-Gemmen (West Virginia University), and Dr. Robin A.M.

M506 – Focus on Exhibits Ice Cream Social, 3:45-4:15pm
GWCC, Exhibit Hall A1

M735 - ELD Welcome Reception & After-Party Reception, 6:30-8:30pm: STATS, Adidas Room, 300 Marietta St NW;
After-Party, 8:30-10:30pm: Der Biergarten, Majolique Room, 300 Marietta St NW
Sponsored by IEEE (Booth 507)
Organizer: Aleteia Greenwood

TUESDAY, JUNE 25, 2013
T235 - ELD Annual Business Meeting, 8:45-10:15am
GWCC, Room A410
Breakfast sponsored by IET/Inspec (Booth 941) & Knovel (Booth 842/846); Travel stipends sponsored by Momentum Press (Booth 619) and Morgan & Claypool (Booth 611); Bernhardt Award sponsored by ASTM International (Booth 708)
Moderator: Doug McGee

T304 - Main Plenary II, 10:30am-12:00 pm
GWCC, B-Thomas Murphy Ballroom

T435 - ELD Poster Session, 12:30-2:00pm
GWCC, *Exhibition Hall A1*

Beyond JEE: Finding Publication Venues to get Your Message to the 'Right' Audience
Prof. Amy S. Van Epps (Purdue University, West Lafayette)

How do Engineering Students and Faculty Use Library Resources?
Ms. Janet Fransen (University of Minnesota, Twin Cities)

Work-in-Progress: "Ask Us Here" in the Shadow of Hunt Library
Mr. David A. Zwicky (North Carolina State University)

Students, Vendor Platforms, and E-textbooks: Using E-books as E-textbooks
Sara M. Samuel (University of Michigan), Dr. Natsuko Hayashi Nicholls (University of Michigan), Ms. Leena N Lalwani (University of Michigan), Mr. David S. Carter

Conference Program Update *(Continued from page 6)*

TUESDAY, JUNE 25, 2013 (continued)

(University of Michigan-Ann Arbor), and Mr. Paul F. Grochowski (University of Michigan)

Engineering Librarians as Partners of Faculty in Teaching Scholarly Inquiry to Undergraduate Students through Curriculum Integration: The Biotextiles Product Development Course Blog
Mr. Greg Tourino (North Carolina State University) and Prof. Martin W. King (North Carolina State University)

Work in Progress: Collaboration for Quality: A Librari
an-Faculty Partnership to Assess Students' Information Literacy in Freshman Engineering
Ms. Alison Bradley (University of North Carolina, Charlotte), R. Daniel Latta (University of North Carolina, Charlotte), and Mrs. Meg Harkins (University of North Carolina, Charlotte)

Mentoring Scenarios in a Changing Information World
Mr. Jay J. Bhatt (Drexel University (Eng.)), Mr. Kevin P. Drees (Oklahoma State University), Mr. Tom C. Volkening (Michigan State University), Prof. Carol A. Brach (University of Notre Dame), Ms. Mary L. Strife (West Virginia University), Amy S. Van Epps (Purdue University, West Lafayette), and Prof. Bruce Neville (Texas A&M University)

T535 – Panel Session: Libraries' Role in Open Data, 2:15-3:45pm
GWCC, Room A301
Moderator: Jon Jeffryes
Panelists: Jay Bhatt**,** Karen Vagts**,** Megan Sapp Nelson, Amy Van Epps
Sponsored by Begell House (Booth 606)

T735 - ELD Annual Banquet, 6:00-9:00pm
Location: STATS Restaurant & Bar, 300 Marietta Street NW
Sponsored by Elsevier (Booth 842/846)
Organizer: Anne Rauh

WEDNESDAY, JUNE 26, 2013
W235 – Hot Topics Round Table: No Shelf Required, 8:45-10:15am
Omni CNN Center Hotel, International Ballroom B
Breakfast sponsored by Sage (Booth 804) and ASM International
Moderator: Jill Powell

W335 - ASEE Distinguished Lecture: Open Access and Open Educational Resources: The Internet's Growing Role in Scientific Communication and Education
GWCC, Room A305
Sponsored by ProQuest
Speaker: *Prof. Michael Carroll (American University)*

W435 – Information Tools and Techniques for Engineering Education, 12:30-2:00pm
GWCC, Room A301
Lunch sponsored by IOPP and SAE (Booth 704)
Moderator: Kristin Buxton

Influence of Discovery Search Tools on Science and Engineering E-books Usage
Mr. Eugene Barsky (University of British Columbia), Sarah Jane Dooley (Dalhousie University), Mrs. Tara Mawhinney (McGill University), Zoey Peterson (University of British Columbia), and Mrs. Michelle Spence (University of Toronto)

Proximity of Equations, Text, and Figures in Civil Engineering E-Textbooks
Prof. Paul Richards (Brigham Young University)

Using Citation Analysis to Explore the Information Needs of Graduate Students Affiliated with a Fuel Cell Research Center
Mr. Michael J. White (Queen's University)

Best Practices for Engaging Users in a Web Conferencing Environment
Ms. Giovanna Badia (McGill University) and Mrs. April Colosimo (McGill University)

Using Gaming Technology to Teach Responsible Conduct of Research
Mrs. Amy G. Buhler (University of Florida), Margeaux Johnson (University of Florida), Michelle Leonard (University of Florida), and Ms. Melody Royster (University of Florida)

W535 - ELD Extended Executive Committee Business Meeting, 2:15-3:45pm
GWCC, Room A404
Moderators: Adriana Popescu and Megan Sapp Nelson

Committee Reports

Electronic Discussion List(s) Editors – ANNUAL REPORT – 2012/2013

List subscriber statistics for both ELDNET-L and ELD-L (as of late April / early May of each year) from list creation to date:

ELDNET-L	ELD-L
Start-up (August 1991): 62	
1991/92: 119	
1992/93: 187	
1993/94: 314	
1994/95: 436	
1995/96: 477	
1996/97: 464	
1997/98: 428	Start-up (September 1998): 169
1998/99: 423	1998/99: 174
1999/00: 392	1999/00: 164
2000/01: 396	2000/01: 167
2001/02: 387	2001/02: 188
2002/03: 390	2002/03: 208
2003/04: 421	2003/04: 201
2004/05: 467	2004/05: 209
2005/06: 460	2005/06: 223
2006/07: 492	2006/07: 234
2007/08: 513	2007/08: 237
2008/09: 536	2008/09: 237
2009/10: 554	2009/10: 236
2010/11: 581	2010/11: 245
2011/12: 607	2011/12: 239
2012/13: 613	2012/13: 240

The number of subscribers to ELDNET-L made a very modest jump this year, increasing by only six subscribers over last year.

For ELD-L, the number of ELD members with e-mail addresses who agree to be subbed to the list directly determines the number of list subscribers. Given that a small number of ASEE members who are not librarians choose to join ELD but do not want to be subscribed to ELD-L, the number of ELD-L subscribers will always be a tiny bit lower than the number of total ELD members. Given the issues that ASEE had with **their switchover to a new membership system a couple years ago, I believe that 2010/11's 245 subscribers was** probably incorrectly higher than it should have been. Thus the now current 240 is right in line with the number of ELD-L subscribers from about 2006/07 to date.

Craig Beard of the University of Alabama at Birmingham continues as co-editor extraordinaire of both lists. He handles the posting (or not) of most submissions to both lists while I deal with new subscribers to both lists as well as most problems.

Mel DeSart
ELD e-lists co-editor

Committee Reports *(Continued from page 8)*

Membership Committee

As of May 2, 2013 the ELD membership consists of 233 members. This number is lower than the total membership at this time last year (252). A chart showing ELD membership since 2001 (when ASEE started tracking division membership) is shown below, and one can see a steady incline from 2001-2008, and a general decline since then, with an outlying spike in 2012.

In the coming year, the membership committee is planning to look at this declining trend and search for ways to reverse it. Possible ideas are to recruit from our growing ELDnet-L listserv and from non-represented engineering school libraries. As always, your help is always welcome. If you know someone who might be interested in joining ELD, please refer them to the membership committee for more information.

Some stats: Currently, ELD consists of 211 librarians, representing 151 institutions of learning. ELD also includes 22 vendor representatives, from 11 companies. ELD members hail from 41 states, as well as Canada (15 members), Washington DC (2), Puerto Rico, New Zealand, and Finland (1 each).
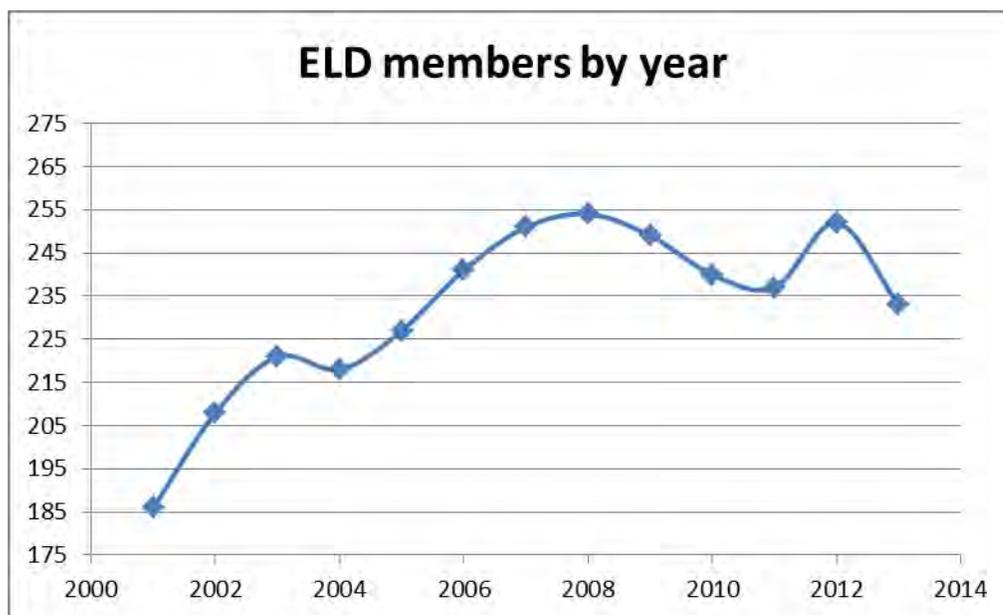
Membership Directory

The cost for the Directory this year was $0. The Directory was updated June, August, October, and November 2012 and February, March, and April 2013. Thank you for reviewing your entries and providing updated information. Julie Cook is instrumental in making the Directory available via a password protected web page.

The URL and password to access the Directory is distributed through the ELD Listserv after each update. The URL and password or a PDF copy can be sent to any current ELD members by emailing or calling the Membership Directory Editor. A print copy of the most recent Directory will circulate at the June 2013 conference so information can be updated. If you are not attending the conference, email or call the Membership Directory Editor with any changes.

Committee Reports *(Continued from page 9)*

IMPORTANT: Access to the ELD Membership Directory is a benefit of ELD membership. The Directory address and password, and the information contained in the Directory should not be reproduced, copied, forwarded, edited, sold, or distributed. We value your privacy as well as others' in the Directory

Megan Tomeo
ELD Membership Directory Editor

News from the ELD Webmaster

The archive of ELD Newsletters have been scanned and posted. You can now read ELD news starting in 1983! Business meeting Minutes from 1979 are also available.

There are some gaps in coverage, mainly from the early '80s. If you have any documents- either an old newsletter or historical meeting minutes, I will be happy to scan and post them for the online archive. Just send to webmaster: julesck@uw.edu or I am happy to take print copies while we are in Atlanta.

The newsletters are in PDF format some have been scanned with OCR and are searchable.

Other website news:

-A page for the new Travel Stipends is now available:
http://depts.washington.edu/englib/eld/conf/stipends/index.php

-The Archives Committee Membership Questionnaire continues to be available:
https://catalyst.uw.edu/webq/survey/julesck/151553
If you haven't contributed your input for the committee, please do.

-I will be glad to take papers and presentations for the 2013 conference at any time. They will be linked from the ELD Conference Program. Of course you may wait until after the conference to get those to me too. Just remember it is a great benefit for members who can't make it to the conference or who missed a presentation to have those available or continued viewing.
As always, if you have updates for your committee or suggestions for the website, please don't hesitate to contact me:

Julie Cook
ELD Webmaster
julesck@uw.edu

Newsletter

Four issues of the ELD Newsletter are produced each year and are posted on the ELD web site at
http://depts.washington.edu/englib/eld/newsletter/newsletter.php
A link to the current newsletter is distributed to members via the ELD-L listserv. If you require a paper copy of the newsletter, contact the editor:

James Van Fleet
vanfleet@bucknell.edu

Committee Reports *(Continued from page 10)*

Nominating Committee

On behalf of the Nominating Committee, I would like to congratulate our incoming officers:

Annie Rauh (Syracuse University), Treasurer-Secretary
Jon Jeffryes (University of Minnesota), Director

Annie and Jon will begin their terms of office at the upcoming annual conference in Atlanta.

I would also like to thank Amy Buhler and Tracy Primich for their candidacies. Your service and contributions to ELD are very much appreciated. ELD is fortunate to have so many outstanding members who are willing to run for office.

The election was conducted from March 4 through March 22. The number of ELD members who voted this year was lower than in previous years. Thirty four percent of members cast ballots compared to 43 percent in 2012. Voter turnout has not been reported consistently in ELD election results, so it's difficult to say whether this is a blip or a trend. In 2007, the only other year that turnout was reported, 47 percent of the membership voted.

No paper ballots were requested by members. Given that e-mail and web access is now universal it may be time to strike the paper ballot language from Article VII of the bylaws.

In closing, I would like to express my sincere gratitude to my colleagues Carol Brach and Angie Locknar for serving on the Committee and Amy Van Epps for administering the online ballot.

Respectfully submitted,

Michael White
Nominating Committee Chair

Travel Stipends for Indianapolis

The ELD Development Committee is pleased to announce that Morgan & Claypool Publishers and Momentum Press will again be sponsoring travel stipends for ELD members. These stipends for the ASEE 2014 Annual Conference in Indianapolis will be awarded in two phases.

The first phase will take place during the ELD Business Meeting in Atlanta, where two names will be drawn from those ELD members who expect to attend the Indianapolis conference. The two members selected in the drawing will each receive $250 to help defray expenses. The awards, sponsored by Morgan & Claypool Publishers, **will be sent to each recipient after confirmation of the recipient's registration for the Indy conference.** The award winners will be given a deadline by which they must submit evidence of registration. If a recipient does not attend the conference, or does not meet the deadline for submitting evidence of registration to ELD, the funds will be given to a runner-up, also selected at the Atlanta conference. If a recipient registers for the Indy conference, and is awarded the stipend, but does not attend, the recipient agrees to reimburse ELD the $250.

All ELD members who expect to attend the ASEE Indianapolis Conference 2014 should enter the drawing by registering at
http://gemini.lib.purdue.edu/ELDgas/ELDtravel.cfm.

Committee Reports *(Continued from page 11)*

The deadline for the drawing registration is Friday, May 31, 2013, at 5:00 PM, EDT. No registrations will be accepted after that time.

In December, we will begin taking applications for the second phase of the travel stipend process. Two awards of $500 each will be sponsored by Morgan & Claypool Publishers, and one award of $1,000 will be sponsored by Momentum Press. The funding will be given to those librarians with the greatest need, and applicants will be asked to document their expected level of funding from their institutions. The $1,000 award and one of the $500 awards will be made to an early career librarian, while the second $500 award is open to all librarians with a funding need. Stipends will be awarded before the deadline for early-bird registration. More information about these awards will be available in the fall.

Please register now for the $250 stipend drawing. You do not need to be present in Atlanta to win. You only need to have a reasonable expectation that you will attend the Indianapolis 2014 Conference to enter the drawing.

Thanks again to Morgan & Claypool Publishers and to Momentum Press for their travel stipend sponsorships.
-   -
Larry Thompson
Development Program

ELD Accreditation & Standards Committee Annual Report, 2012 - 13
June 2013

The members of the Accreditation & Standards Committee will miss the leadership and guidance of Danianne Mizzy, immediate past chair of this group. Danianne has a new position that is taking her away from engineering, and we wish her the best.

The work of A&S moved forward on a number of fronts. Building on the ABET proposal that was presented last summer, committee members created a spreadsheet capturing key accreditation information from thirty technical associations and accrediting bodies. This information has been collected and summarized in a document and will be shared with Maryanne Weiss, Senior Director, Accreditation Operations for ABET.
The ABET Accreditation Visit Registry and Summaries project has completed its work and is in an implementation and publicity phase. Initial volunteers have shared contact and ABET visit information. A tremendous amount of time and thought has been put into the project by subcommittee lead David Hubbard and members Ted Baldwin, Jay Bhatt and Jim Clarke. Thank you!

A&S agreed to move forward with a set of supplementary engineering information literacy guidelines that could be adopted while ACRL is revising its STS Information Literacy Standards. The committee has a document ready for action at the 2013 Extended Executive Council meeting in Atlanta on Wednesday, June 26. I want to extend a special thanks to Diana Wheeler, who pulled together the subcommittee work of the past two years to make the current document possible.

A proposal outlining a new project will also be submitted to the EEC in June. The project proposal outlines steps to gather and potentially create Electronic Learning Modules in the area of STEM information literacy. If approved, the project would begin with a summer 2013 survey of the ELD membership.

The committee met via a conference call twice in 2013, and will continue the practice during the next academic year. Google docs are used to track and share committee work.

Submitted by Dee Magnoni
Chair, Accreditation & Standards

Committee Reports *(Continued from page 12)*

Awards

The Engineering Library Division of ASEE Award Committee is pleased to announce the following 2013 award winners:

HOMER I. BERNHARDT DISTINGUISHED SERVICE AWARD is awarded to Paige Gibbs, Reference Librarian at University of Massachusetts Dartmouth. **As a nomination letter stated "The Homer Bernhardt award is, in essence a 'Hall of Fame' award, and it is often granted to members who have had long and active profes**sional careers that have included distinguished service to the association in all spheres that has contributed to its success overall. In the course of her twenty-nine years as a member of ELD, Paige has served in almost every possible capacity. After serving as Division Chair (1992-93); Program Chair (1991-1992); and Secretary/Treasurer (1989-1991), she has remained on the extended executive committee continually where her comments are well chosen and her opinions well respected. She has served as chair of the awards committee, member of the Publications Committee, Archivist, and co-Archivist. I believe her ongoing contributions over the years since she joined in 1982 have been key to nurturing the group where networking, friendship, and the exchange of ideas flourish. Paige exemplifies the energy, dedication, and enthusiasm of an engineering librarian. She is an excellent role model for outreach and participation. Hence I nominate her for the Homer I. Bernhardt award."

Due to the very generous support of ASTM, Paige will receive a stipend of $1000.00 in addition to the plaque commemorating her award.

THE BEST PUBLICATION AWARD is awarded to Ashok Naimpally (Fresno City College), Hema Ramachandran (California State University—Long Beach), and Caroline Smith (University of Nevada Las Vegas) for their book "Lifelong Learning for Engineers and Scientists in the Information Age" published by Elsevier. As **one nominator said in her letter of nomination, "This slim volume of just 91 pages brings into juxtaposition** the goals and realities of engineering education and of teaching information literacy, marking points of logical intersection and providing suggestions for both librarians and engineering educators to take advantage of those. Engineering curricula are extensive and intense, and ABET accreditation standards require tangible **evidence of a wide range of outcomes including 'an ability to engage in lifelong learning.' The authors of this** book have mapped out both ABET criteria and ACRL information literacy standards, and have identified where definitions of lifelong learning and selected competencies in each are in concert. " and "The book is deceptive in its brevity; each succinct chapter concludes with a list of references providing a wealth of further **information and examples to explore."** An Award Committee member found it "a great resource" and that it **"includes great talking points for librarians to use when discussing the importance of information literacy** with faculty and practicing engineers."

The 2013 ASEE ELD INNOVATION IN ACCESS TO ENGINEERING INFORMATION AWARD did not receive any nominations this year, so it will not be awarded.

The 2013 Poster Award will be determined at the conference in June.

Thanks to all who submitted nominations.

Alice Trussell
Awards Committee Chair

Committee Reports *(Continued from page 13)*

Mentoring committee report

A group from the Mentoring Committee submitted a paper titled 'Mentoring Scenarios in a changing information world' for the 2013 ASEE conference. This paper was accepted and will be presented as a poster session. We would love to have you come see our poster on Tuesday, June 25th, at 12:30 pm and engage in an interactive dialog with us to envision future directions for ELD mentoring.

Jay Bhatt
Mentoring Committee Chair

Need help writing your paper?

Want to improve your chances of having your manuscript accepted for publication?
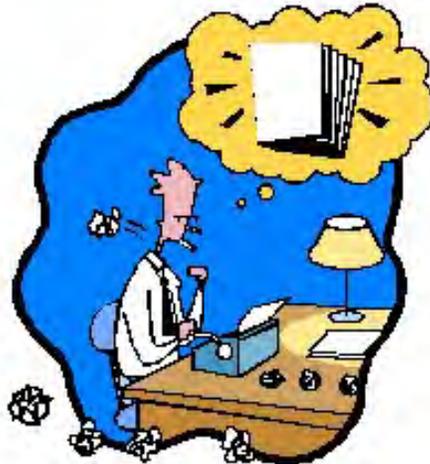
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Committee Reports *(Continued from page 14)*

Publications Committee

ASEE continues to tweak the paper review process. A little here . . . a little there. So heartfelt thanks are due the members of the Publications Committee not only for reading, critiquing, and re-reading the papers, but also for adjusting to the changes. You folks are champs! **Thanks also to this years' Program Chair, Adriana Popescu –** your diligence and attention to detail were amazing.

Craig W. Beard, Chair
Publications Committee

ELD Duplicates Exchange Annual Report, 2012-13

There are currently 28 members receiving Duplicates Exchange (DupEx) emails, not including myself, a reduction of 4 members since 2011-12. Members are not required to subscribe to DupEx in order to post lists to the Exchange. Those who wish to offer their lists of duplicates to DupEx send them directly to me for posting.

For the period 5/1/12 - 4/30/13, 593 DupEx emails were sent out, about a 4% reduction from last year. The apparently large number of emails of engineering- and library-related issues forwarded from the Backserv and alctsdeu duplicates exchange lists (approximately 2/day) are due to the general requirement that people reply to the poster with the original subject line, so combining offers in a digest is not practical. In addition, some issues are snapped up very quickly.

Of the 593 emails, 58 were targeted offers to a single person on the list. The targeted emails began on October 5, 2011 in response to a message sent on September 27, 2011 to the DupEx members asking if they were interested in duplicate exchange lists more tailored to their needs. Members were invited to inform me of the types of journals they were interested in, or submit "missing issues" lists. This respondent received only 10% of the DupEx emails sent out to the rest of the list.

Linda Yamamoto
ELD Duplicates Exchange Coordinator

Scholarly Communication Committee

The Scholarly Communication Committee has been preparing the panel it will sponsor at the ASEE Conference in Atlanta, "Libraries Role in Open Data" -- the panel will present three libraries' approaches to supporting data services. Scholarly Communication Chair, Jon Jeffryes, has also been working on an Ad-Hoc Committee on Publications with the publishers of ASEE publications to review and propose revisions to various ASEE publication policies.   If there are questions regarding scholarly communication for which you'd like to see ELD offer more support, please get in touch with Jon Jeffryes (jeffryes@umn.edu) or any member of the Scholarly Communication Committee.

Jon Jeffryes
Scholarly Communications Committee

Committee Reports *(Continued from page 15)*

Development Committee Annual Report—2013

This has been a great year for the Development Committee. At the conference in San Antonio, we had thirteen sponsors supporting various events which enhanced the experience for all of us. This year, in Atlanta, we have <u>fourteen</u> confirmed sponsors. Without them, we could not offer the meals, social events, speaker travel stipends, and technical session support which contributes to the success of the ELD program. Here are the specific sponsored events, in chronological order, for the 2013 ASEE Conference:

SPIE: Sunday evening Dessert Reception

Begell House: Sponsorship of Monday and Tuesday afternoon technical sessions

IEEE: Monday evening Welcome Reception

 Inspec/IET and Knovel: Tuesday breakfast buffet during the ELD Business Meeting

Elsevier: Tuesday evening ELD banquet

Sage and ASM: Wednesday breakfast buffet during the Hot Topics Round Table

ProQuest: Wednesday morning Distinguished Lecture – Michael Carroll

SAE and IOPP: Wednesday lunch buffet during the Info Tools & Techniques Session

Outside of the conference schedule we have three additional sponsors supporting ELD:

ASTM: The premier award within ELD is the Homer L. Bernhardt Distinguished Service Award. ASTM has agreed to a yearly contribution of $1,000 to provide a stipend for the winner of this award.

Momentum Press: A $1,000 need based travel stipend for the Indianapolis ASEE Conference 2014 will be provided by Momentum Press.

Morgan & Claypool Publishers: Four travel stipends will be awarded by Morgan & Claypool for the Indianapolis ASEE Conference 2014. Two $250 random drawing stipend award winners will be selected in Atlanta, and two $500 need based winners will be selected in January 2014.

Please take the time to visit our sponsors in the Exposition Area and thank them for their generous sponsorship of the ELD activities. In the past we have been able to provide meals and receptions for ELD members at the conference. Now, because of increased sponsor support, we are also able to provide travel stipends, sponsor a distinguished lecturer, and enhance the Bernhardt award.

A special thanks go out to the members of the Development Committee for 2012 – 2013: Mel DeSart, Lisa Dunn, Aleteia Greenwood, Bob Heyer-Gray, Anne Rauh, Stephen Stich, Amy Van Epps. These liaisons work with the sponsors to bring you the high quality conference experience which we have each year.

Larry Thompson
Development Committee Chair

People and Places

ELD Member Publications

There are two new publications just out from ACRL, both of which (in somewhat different ways) address the intersection between information literacy and scholarly communication. Both have contributions from ELD members.

The first is the new book "Common Ground at the Nexus of Information Literacy and Scholarly Communication", edited by Stephanie Davis-Kahl and Merinda Hensley:
http://www.alastore.ala.org/detail.aspx?ID=4383.
Note down a bit on that web page a link to an <u>almost</u> complete OA version. Chapters include co-authored contributions from current ELD member **Amy Buhler** and from former member **Scott Warren**.

The second is a new ACRL white paper, "Intersections of Scholarly Communication and Information Literacy: Creating Strategic Collaborations for a Changing Academic Environment". It is openly accessible at:
http://acrl.ala.org/intersections/
Contributing to that white paper were ELD members **Julia Gelfand** and (at the risk of blatant self-promotion) yours truly. For those of you attending ACRL National, there is a session in Indianapolis in a couple weeks centered around this white paper.

Thanks to **Mel DeSart** for pointing these out.

ELD and LinkedIn

For ELD Members who use LinkedIn, let me remind you that we have an ELD group on that service. Just search "Engineering Libraries Division" as a group to find us. Currently there are 84 members of the ELD Group. For those who do not use LinkedIn the service is a professional social network where people post items of professional interest, job ads, and the like.

Bob Schwarzwalder

Member **Jay Bhatt** has been busy, publishing articles and making conference presentations:

Articles:

Bhatt, Jay, Woodson, Shawn, Yousuff, Ajmal (2012). 'Using emerging information technologies in aerospace research', International Space Conference, Ahmedabad, India.

DeLory, Colleen. (November 2012). Behind the Scence. Engineering librarians play a vital role in Engineering Village evolution. Library Connect Newsletter, 10(3), p.9. http://libraryconnect.elsevier.com/sites/default/files/lcn1003.pdf

Presentations:

Bhatt, Jay. (April 2013). Outreach and information literacy for engineering students. METRO Science Librarians SIG meeting, New York.

Bhatt, Jay. Evolving information technologies in biomedical research. Presentation at Seminar on Social Media and Libraries, Tata Memorial Hospital, 2012, Mumbai, India.

People and Places

ASEE Northeast Section Conference

In mid-March, two ASEE ELD members, **Paige Gibbs** (University of Massachusetts at Dartmouth) and **Karen Vagts** (Tufts University), attended the 2013 ASEE Northeast Section Conference (URL), held at Norwich University, in bucolic Northfield, Vermont. As far as they could determine, Paige and Karen were the only librarians attending and the only non-students participating in the poster session. Their poster, which received four "dots of approval" from conference attendees, was inspired by the conference's theme, Citizen Engineer, and was titled "The Role of Information in Citizen Engineering." It discussed the role of librarians and quality information sources in supporting the efforts of engineering students in socially-oriented projects. Both ELD members enjoyed the range of engineering presentations and the opportunity to meet students and faculty from various institutions in the North Atlantic states.

Karen A. Vagts
Engineering/Mathematics/Business Librarian
Tisch Library
Tufts University

The Role of Information in Citizen Engineering
Paige Gibbs and Karen Vagts
University of Massachusetts Dartmouth and Tufts University

ABSTRACT

Successful and effective Citizen Engineers combine technical skills and the motivation to improve the world alongside an agenda and goals based on *good information*. Academic libraries and librarians support the efforts of these engineers by teaching them how to retrieve, evaluate, and select the most authoritative sources for their projects. Librarians also provide insight into resources produced by other disciplines, since Citizen Engineers must perform their work in a interdisciplinary context.

SIGNIFICANCE

Engineering Librarianship plays a key role in developing citizen engineers by showing engineering students how to prepare for citizen-related projects through the use of background research on the problems that the students seek to address.

While traditional librarians would have assumed their role passively, 21st-century information professionals take a proactive, embedded approach, using tools such as directed group instruction and individual research support; the publication of research guides and other online resources; mentoring and advising; and involvement with student organizations.

Collectively, the collaborative efforts of the members of the ASEE Engineering Librarians Division (ELD) aim to support fledgling citizen engineers address the grand challenges of our century.

ASEE Northeast Section Conference, Norwich University, March 14-16, 2013

SUPPORT MECHANISMS

Librarians and other information professionals provide support for citizen engineers through a variety of mechanisms. Several of these are featured here:

Online Research Guides

These guides provide students with a tailored collection of the top initial sources to review when starting research on a topic. These sources include not only publications in the STEM disciplines but also sources on topics such as ethics, culture, social sciences, and fundraising, all with the goal of expanding the engineering toolkit to reflect the context in which they operate. These guides are available to students 7/24 on a global basis, thus providing research support at whatever location the students find themselves.

Instruction

Many libraries provide workshops for students on topics related to citizen engineering. Workshops cover topics such as identifying relevant sources, developing efficient and effective search strategies in online catalogs and databases, and evaluating sources for reliability, timeliness, authority, and relevance.

Relevant sources include not only academic articles and conference proceedings but also handbooks and other field materials, technical standards, travel guides, foreign language dictionaries, and background materials in the social sciences, ranging from history to politics to fiction, art, and other works that provide insight into the cultural context in which engineers must operate.
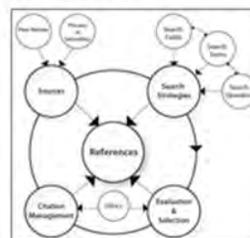
FUTURE WORK

In the dynamic internet era, librarians must continually seek new ways to match student needs with information. One of the most exciting prospects is the development of mobile applications that can enable engineers to access "ready reference" sources while in the field and then to submit field observations to databases, collaborative websites, gis repositories, and even social networking channels for further analysis and dissemination.

Other efforts focus on alternative delivery modes for library support, such as video channels and distributed communications such as texting, tweeting, web conferencing, and technologies that can reach citizen engineers at their immediate point of need.

Librarians also will also be supporting future citizen engineers through special efforts such as supporting programs for freshmen, incubators and innovation centers, and social entrepreneurship activities. All these activities provide forums for engineers to see more clearly the value of information sources in being effective citizens and agents for productive change.

CONCLUSIONS

Providing research and instruction services for the future citizen engineer should be a component of every academic engineering librarian's agenda. Likewise, engineering students can rely on their librarians to work alongside faculty and others to provide them with the tools to become effective and responsible professionals.

People and Places (continued from page 18)

New Member Biographies

Chris Ewing works at the Eastern Washington University JFK Library as a librarian, with duties in reference, research instruction, and bibliographic searches for Science, Engineering and Emerging Technology. He has been in his current position for half a year, having previously worked for 5½ years at the USC Norris Medical Library. He holds a BS in Biology and an MLIS degree. Chris also has over 12 years of experience in web development.

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Committee Reports *(Continued from page 16)*

ASEE ELD Treasurer's Report: June 2013 Update

Table 1. ELD Operating Account, FY 2012 (October 1, 2011-September 30, 2012)

	Credits	Debits	Balance
Beginning balance			$253.00
Ending balance			**$253.00**

Note: Operating Account funds may be used for the same purpose as BASS Accounts, which is to further the mission and vision of ASEE. Examples include awards, refreshments at the annual conference and special projects. Operating Account funds may <u>not</u> be used for:

Personnel (salary) expenses;

Reimbursement to an ASEE member for travel to the ASEE Annual Conference

Beginning in September, 2010 allocations to Division Operating Accounts will be $1.00 per division member based on the July, 2010 membership level. Budgets will be reviewed every two years and may increase or decrease as membership fluctuates. (See *Memo to ASEE Division Chairs from ASEE PIC Chairs, June 15, 2010*.)

Table 2. ELD BASS Account, FY 2012 (October 1, 2011-September 30, 2012)

	Credits	Debits	Balance
Beginning balance			$**18744.18**
Member dues (12 months, Oct-Sept)	$1075.00		
Interest FY 2012 (Q1 –Q4)	$82.07		
ELD sponsorship	$		
ELD sponsorship	$29,750		
ELD publication royalties	$0.00		
ELD Banquet guests	*$800.00*		
ELD Banquet venue deposit		$800.00	
ELD Banquet payment		$9855.71	
Conference presentation expenses		$17741.78	
Totals	**$31707.07**	**$28397.49**	
Net gain (loss)			**$3309.58**
Ending balance			**$22053.76**

Committee Reports *(Continued from page 20)*

Table 3. ELD BASS Account, FY 1997-2011, Cumulative Surplus/Deficit

	Surplus (Deficit)	Cumulative Surplus (Deficit)
1997	NA	$7,395
1998	$950	$8,345
1999	($382)	$7,963
2000	$1,504	$9,467
2001	$1,043	$10,510
2002	($2,106)	$8,405
2003	$1,700	$10,104
2004	$552	$10,657
2005	$65	$10,722
2006	$92	$10,749
2007	($862)	$9,887
2008	($2,815)	$7,072
2009	$4,311	$11,383
2010	$2,336	$13,719
2011	($1,667)	$12,052
2012	$3309	$15361

Megan Sapp Nelson
ELD Secretary/Treasurer
June 12, 2013