American Society for Engineering Education

Engineering Libraries Division Newsletter

March 2016

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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

Anne Rauh

Greetings from Syracuse! The weather is in the mid-70s today and my campus is bustling with students, faculty, staff, and librarians (especially this librarian) who are excited for spring break. While we take a few days to recharge and catch up here in Syracuse, the amazing work that is happening throughout ELD goes on.

Annual Conference

Plans for the annual conference are coming along well. Program Chair, Craig Beard, and the program planning committee have worked hard to prepare an excellent program. Please see his report on page 3 for more information. Development Chair, Amy Buhler, and her committee also deserve recognition for maintaining our strong sponsor relationships. Their work makes the conference more affordable for all of our members to participate.

Anniversary Task Force

In January, the Executive Committee charged a Task Force with developing plans to celebrate two important anniversaries to ELD. The Engineering School Libraries Committee was officially formed in 1942, and received division status in 1967. Mike White, Task Force Chair, and his committee are planning some wonderful events for the next year. Please see his article on page 5 for more details.

ABET EAC Changes

Since the last newsletter, ELD has had a number of opportunities to provide feedback about the proposed changes. In February, Julie Arendt represented us at the National Academy of Engineering Forum on Proposed ABET EAC Changes. This month she, David Hubbard, and Jay Bhatt took part in a Virtual Conference on the proposed changes to ABET's Criterion 3 & 5. The archive of the virtual conference is available for everyone to view at https://aseetownhall.wordpress.com/virtual-conference/ and more will be discussed this summer at the ASEE Interdivisional Town Hall Meeting on June 27th at 3pm (Session M534). Thank you to the Accreditation and Standards Committee for keeping us informed of the changes, and representing ELD's interests throughout this process.

Message from the Chair *(continued...)*

Elections and Appointments

The Nominating Committee is hard at work preparing a slate of candidates for our spring election. Please watch for future messages from Megan Sapp Nelson, Nominating Chair, and when the time comes, please vote!

The following committees need to have their current chairs reappointed or new chairs appointed in 2016:

- Accreditation and Standards Committee 2016 - 2018
- Development Committee 2016 - 2018
- Membership 2016 - 2018
- Publications 2016 - 2018

If you would like to chair any of these committees, please send a brief email describing your interest to me at aerauh@syr.edu. The Executive Committee will appoint chairs following elections in the spring. A complete list of committee and appointed position descriptions is available on our website at http://depts.washington.edu/englib/eld/eld_officers_committees_appointed_positions.php.

If you have any questions, comments, or ideas about ELD, please do not hesitate to contact me at aerauh@syr.edu. Happy Spring!

Conference Program Update

Conference Update

As I write this, 19 papers submitted for presentation at the conference have gone through the draft review, and the authors are putting the finishing touches on them. Unfortunately, one of the papers was withdrawn. But we still have a great line-up. Though the technical sessions haven't been assigned to their time slots, we will have one session exploring aspects of makerspaces, one looking at marketing and outreach, two on information literacy (pedagogy and resources, respectively), and a somewhat eclectic session tentatively titled "Yesterday I Couldn't Spell Enjuneering Liberrian, and Now I Are One."

In addition to the previously mentioned panel session we're co-sponsoring on Tuesday with the Biomedical Engineering Division on open source textbooks, we have three more panel sessions on Wednesday. The topics are open engineering education research (co-sponsored by the Educational Research and Methods division and organized by Amy Van Epps), new outreach initiatives for academia (organized by Megan Stalnaker), and the impact of the ARL Pilot Library Liaison Institute Report on engineering librarianship (a library directors' panel organized by Anne Rauh).

Monday – Wednesday Schedule:

8:00 - 9:30	Monday Plenary	Annual Business Meeting	Technical Session 5
9:45 - 11:15	Exhibit Hall Brunch / NSF Poster Session	Tuesday Plenary	ELD Panel Session
11:30 - 1:00	Welcome / Lightning Talks	Exhibit Hall Lunch / Poster Sessions	ELD Panel Session
1:15 - 2:45	Technical Session 1	BED / ELD Panel Session	ELD / ERM Panel Session
3:00 - 4:30	Technical Session 2	Technical Session 3	EEC Meeting
4:45 - 6:15	Exhibit Hall Social (4:30 - 5:30)	Technical Session 4	
7:00 - 8:30	Welcome Reception	Banquet (7:00 - 9:00)	

When you register for the conference, remember to select free tickets to our ticketed events. This gives the conference planning committee numbers for meal planning.

Unconference

I don't have much by way of details on the Unconference, but Daniela Solomon and her team are busy getting things ready. As a teaser, one of the venues they are investigating is the National WWII Museum. One important bit of information the committee needs is the number of attendees. If you are planning to arrive early and participate, keep your eyes peeled for a message on the list from Daniela, and RSVP. As the event continues to come together, Daniela will share more through the list.

See you in New Orleans!

Craig Beard
ELD Program Chair

Call for Lightning Talks, New Orleans 2016

Lightning Talks

Do you or your library have an exciting new project, program, partnership, or tool that you would like to share with your fellow ELD members? If so, please propose a Lightning Talk to give in New Orleans this summer at the ASEE Conference.

What is a Lightning Talk?

A Lightning Talk is a very short (2-3 minutes) presentation on a timely topic of interest to the audience. This year, we are hoping for about 15 talks on any number of topics. Possible ideas include:

·	New engineering information tool
·	New search widget or app
·	Digital project
·	Outreach program
·	Collaboration or partnership
·	Solution to a common problem

The main goals of this session are to learn something about our colleagues, and to generate discussion during the session and over the course of the conference. Please submit your Lightning Talk proposal to Sylvia George-Williams (sylviagw@smu.edu) by Friday, April 8th.

Your proposal should include:

·	Your name and affiliation
·	Title of talk
·	Brief description of your talk (no more than 3 sentences)

PowerPoint presentations are not required, but if you wish to use one, please limit it to 3-4 slides. Remember that two minutes is shorter than most commercial breaks.

Thanks,
Sylvia George-Williams

ELD Anniversaries

Celebrating ELD's Golden and Diamond Jubilees

Many organizations celebrate important anniversaries, but few are lucky enough to have two anniversaries in the same year. The Engineering Libraries Division is one such organization. Next year, 2017, is the fiftieth anniversary of ELD becoming a division and the seventy-fifth anniversary of the creation of the Engineering School Libraries Committee (ESLC).

Librarians have been members of ASEE and its predecessor, the Society for the Promotion of Engineering Education (SPEE), since the early 1900s. However, it wasn't until the 1940s that they organized as a group.

On October 18, 1941, a dozen engineering librarians attending the fall meeting of the New England Section of SPEE at Dartmouth College formed the Engineering School Librarians Committee of New England. The main goals of the group were to improve engineering school libraries and promote closer cooperation between engineering librarians and faculty.

Librarians quickly realized that they needed a more prominent presence within SPEE. Eight months later, at the SPEE annual conference in New York in June 1942, the SPEE Council approved the creation of an Engineering School Libraries Committee (ESLC). ESLC organized programs at SPEE/ASEE meetings and recruited more members. The number of librarians in SPEE/ASEE grew rapidly in the 1940s and 50s, peaking at 57 in 1954.

Twenty-five years later, in 1967, ASEE granted division status to ESLC. This encouraged even more librarians to become members. The number of librarians in ASEE jumped from about 55 in 1965 to 159 in 1980. ELD has continued to grow and thrive over the past fifty years.

Earlier this year, ELD formed the Anniversary Planning Task Force and asked it to generate ideas for celebrating our golden and diamond jubilee year. The members are Mel DeSart, Chelsea Leachman, Amani Magid, Nestor Osorio, Zachary Painter, Anne Rauh, Tom Volkening, Michael White, and Yu Zhang. The group has been busy brainstorming ideas. We also encourage all ELD members to share their ideas via our online survey (available at https://www.surveymonkey.com/r/DWQZCZW) or by contacting any member of the task force.

The task force's first success was the creation of a long-term member recognition certificate program, which will be administered by the Membership Committee. ELD members who have been members for at least ten years are eligible to receive a certificate. Certificates for membership anniversaries in five-year intervals (10, 15, 20, 25, and so on) will be presented annually. More details about the program will be posted on the ELD website and in future newsletters.

On behalf of the task force, thanks to those ELD members who have contributed ideas. Please keep them coming. We look forward to kicking off the celebrations with you in New Orleans.

Submitted by:

Michael White

Committee Reports

Development Committee - Travel Stipends

Once again this year, we have good news and great news.

The good news is that we've confirmed the ELD Travel Stipend recipients for New Orleans. Linette Koren and Margaret Phillips will each receive a $250 stipend, while Rick Stoddart and John Napp will each receive $500 stipends.

Congratulations to them, and thanks to Morgan & Claypool for sponsoring the stipends this year.

The great news is that Morgan & Claypool will contribute $1500 for travel stipends for the 2017 meeting in Columbus, OH. We'll have the random drawing for the $250 Columbus stipends during the ELD business meeting in New Orleans.

More information on the registration procedures for the drawing will be sent out in April.

Thanks.

Larry Thompson

Accreditation and Standards Committee

ABET continues to work through its process for revising its accreditation criteria for engineering programs. They are currently focusing on Criterion 3 (Student Outcomes) and Criterion 5 (Curriculum). ABET has drafted several possible changes to the learning outcomes that accredited engineering degree programs would produce in students.

One part of the current draft revision would replace an outcome related to lifelong learning with students attaining, "An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately."

This revision could create additional opportunities for engineering libraries to be part of the education of future engineers.

As ABET's process progresses, the A&S committee is working to stay involved. One committee member attended a forum on the proposed revisions, and a couple others attended the forum virtually. A few committee members were involved in the ASEE interdivisional virtual town hall on the proposed revisions to the ABET criteria.

At the ASEE conference in late June, there will be at least one town hall about the proposed revised criteria. Please attend if you can, but please also consider commenting now, while there's still plenty of time before the final deadline.

The latest draft proposed criteria are posted at the ABET site, and their comment survey is open until the end of June.

After that deadline, ABET's revision committee will consult with the ABET leadership to decide how to proceed - go through another draft, leave the criteria as they were, adopt the new criteria, etc. Comments from all of the stakeholders, including us, are important. Please comment to ABET and participate in the town hall.

- Julie Arendt

Committee Reports *(continued...)*

Mentoring Committee

Hello ELD Membership:

The ELD Mentoring Committee is piloting an e-forum on topics of interest to engineering librarians in late August / early September 2016. The ELD e-forum is a moderated, online discussion, and will run for 4-6 hours on two consecutive days. The e-forum is very similar to the e-forum program offered by RUSA's Reference Services Section, which uses email instead of a webinar software. The individuals volunteering to moderate will select the topics and draft a series of questions to stimulate and guide the discussion. The expertise of the moderator and that of the participants creates the conversation. Quite a lot of email is generated. The questions will be summarized at the end of the forum.

Given that we are looking at August or September, we will have time to gather input at the ASEE Conference in New Orleans, but we'd like to put out a call for moderators in April, along with a list of topics and guidelines for participants. The call might read along these lines:

DRAFT CALL

Dear colleagues,

The ELD Mentoring Committee is seeking volunteers to moderate the discussion for our upcoming fall e-forum on one of the following topics, or topic of your choice! [Provide list of topics]

Moderator duties include:

- Being present for a 2 day email discussion on a specific topic (or a shorter period of availability if more than one moderator is active)

- Developing a list of questions on the topic to stimulate discussion

- Guiding discussion and responding to queries

- Providing a brief summary at the end of the discussion on day one

- Provide a final summary of the e-forum for posting on the ELD website

If you are interested or have questions, please respond to Kevin Drees: kevin.drees@okstate.edu

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Once the moderator(s) are selected and the topic confirmed, an announcement goes out to membership, along with a link to register to participate in the e-forum. The registration site could be in SurveyMonkey. See sample here: https://www.surveymonkey.com/r/eldeforum

The individual hosting registration collects the email addresses and creates a list to be submitted to the moderator(s). The day before the forum, the moderator sends an email to all, using the bcc line. This email reminds people of the forum dates/times and spells out a few "best practices", such as 1) Always "Reply All" 2) Eliminate duplicative Re: Re: in the subject line prior to sending your email 3) If you are changing the subject or asking a new question, modify the subject line appropriately 4) It is easiest to set up a folder for all the ELD_EF mail to go. This way you can catch up on the conversation by accessing this one folder.

At the end of day one, the moderator sends out a summary email to registrants and reminds them of the times for the next day's forum. At end of the second day, the moderator writes up a full summary and emails it to registrants and possibly posts it on the ELD website.

Committee Reports *(continued...)*

Here is a list of possible topics for the e-forum, not meant to be exhaustive:

Embedded librarians
Innovative teaching
ABET: what's new
Data information literacy
Data management - helping faculty comply with the public access mandates
3-d printing, Makerspaces
Framework (ACRL)
Engineering software - Mathmatica
Integrating engineering standards into the curriculum
Other topics as desired

Thanks, Kevin

Kevin Drees, Associate Professor, Engineering Librarian
ELD Mentoring Committee Chair, 2015-2017

Oklahoma State University, Edmon Low Library, Room 306
Stillwater, OK 74078-1071, kevin.drees@okstate.edu
(405)744-9751

People & Places

New Members

Anna Sackmann. I work at the Kresge Engineering Library at the University of California - Berkeley. My official title is Science Data & Engineering Librarian. On the engineering end, I am the liaison to Bioengineering, Electrical Engineering, and Materials Science and Engineering. On the science data end, I provide advice and guidance across the research data lifecycle. Additionally, I am working on developing outreach and instruction programs to promote data management literacy. I have been in this position since January 2016. Previously, I worked at the University of Wisconsin- Madison Wendt Engineering Library/Commons (2011 - 2013) and Notre Dame de Namur University (2013-2015). I got my undergraduate degree at Pacific Lutheran University and my graduate degree at the University of Wisconsin - Madison. I enjoy cooking, hiking, exercising, and watching movies. My husband and I also recently adopted a retired racing greyhound, who makes sure we take her for plenty of walks.