



# Engineering Libraries Division



## September 2020

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### Message from the Chair

David E. Hubbard



Greetings ELD-ers,

I hope everyone is healthy, safe, and doing well. This is certainly a very different start to a fall semester. COVID-19 has transformed our campuses and our lives. Like many of you, I spent the latter part of the summer involved in various “working groups” to figure out how to re-open our libraries. I’m sure you’ve been involved in many meetings, presentations, and plans involving opening up over the last few months.

So now here we are at the start of the semester. Despite all the uncertainty, it has

provided opportunities to reflect and rethink some of the things we do and how we do them. At least for me, the situation has provided a bit of a professional stretch. It has required me to learn new skills and embrace new approaches. Some things have pleasantly remained the same. Faculty I’ve collaborated with in previous semesters have reached out to me for instructional sessions for their classes, and students are increasingly contacting me for research consultations. It has all been virtual for me. I’m really missing all the in-person interaction, large and small, with students, faculty, and my library colleagues. Consultations, instruction, and meetings via Zoom are just not the same.

While virtual (and not quite the same), it was still great seeing and hearing from many of you at the 2020 ASEE Virtual Conference. We had over 110 people attending our sessions, which is similar to previous annual meetings. I know some members were able to attend because it was virtual. For those that attended, I hope you were able to gain some insights, take home new concepts, share worthwhile ideas, meet many new engineering librarian colleagues, and explore sessions beyond ELD. For a list of the ELD conference sessions, links to

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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.”

## Message from the Chair (*continued*)

papers and lightning talk presentation slides, please see our [2020 Annual Conference webpage](#) and page 6 of this newsletter for the Conference Report.

There were so many people involved in making the annual conference a success. I would like to thank my Program Committee (Amy Buhler, Kari Kozak, NuRee Lee, Eric Schares, Michelle Spence, Daniela Solomon, and Larry Thompson) for all their help. There was much to work through and figure out this year. A special thanks to Julie Cook for her leadership and guidance! There are dozens and dozens of others involved, including all the authors, reviewers, presenters, moderators, panelists, session organizers, and attendees. Many thanks to the Publication Co-Chairs (Amani Magid and Lisa Ngo), the Development Committee (Amy Buhler - Chair), and our sponsors (ACS, AIAA, ASCE, ASME, ASTM, AWS, Begell House, Elsevier, ICE, IEEE, IET, IOP, McGraw-Hill, Morgan & Claypool, Overleaf, SAE, SPIE, and Techstreet). It's truly amazing seeing it all come together.

As I move through the officer track, I've gained a greater appreciation of all the individual service contributions ELD members make of their time, energy, expertise, and talents. As I mentioned elsewhere, I've never felt more connected to ELD and its members than I have over the last year. There are many ways one can contribute and connect to ELD. As it so happens, there are a few opportunities to serve and contribute to ELD listed on the next page, plus always feel free to express interest to a chair of a committee. You never know what opportunities are on the horizon.

In addition to going virtual, another change this summer is that ELD has moved to Professional Interest Council I (PIC I). I believe ELD was in PIC IV since the 1970s. The divisions were reorganized to balance the size of the PICs. We also have a new PIC Chair representing us, Christi Patton Luks. As part of the reorganization, the PIC Chairs have drafted a single set of bylaws for all five PICs. This document was sent out for review; thanks to all that provided comments. The PIC Chairs will review feedback and may (or may not) revise. The PIC bylaws will then be voted on by PIC and Division Chairs later this year. Stay tuned.

Planning for the 2021 ASEE Conference in Long Beach is underway. Kari Kozak, our Program Chair, has already begun organizing and issued a call for papers. So please consider submitting an abstract, getting involved, and attending in 2021!

Until next time, take care and stay safe.

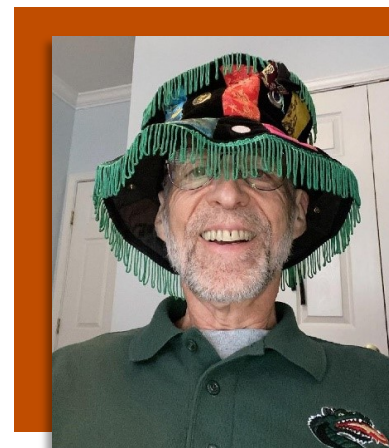
David  
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## Reflections on ELD

### Homer I. Bernhardt Distinguished Service Award

*When asked to reminisce on his experience with the Engineering Libraries Division, this year's Homer I. Bernhardt Distinguished Service Award winner **Craig Beard** (University of Alabama, Birmingham) responded:*

When I had been at UAB for four or five years, I was asked to assume the responsibilities of liaison to the School of Engineering (previously being handled by the same librarian who was liaison to the School of Natural Sciences & Mathematics). Though I had no academic background in engineering, or in any sci-tech area for that matter, I said "yes." Getting to know a new discipline and a faculty was a challenge, and being at a library with a relatively small faculty, I had no one here to lean on for advice.



After a few years of feeling my way through, I was talking to a colleague at another university in the state and discussing the value – or sometimes lack thereof – of attending national library conferences. Also an engineering librarian, she mentioned that she had joined the American Society for Engineering Education, and told me in no uncertain terms that's what I should do. She told me that ASEE had a division specifically for engineering librarians that provided much more "bang for the buck" than other organizations with which she'd been involved.

So, in 2001 I joined ASEE and ELD. Right away, I found an opportunity to get involved by becoming a member of the Publications Committee. For the first couple of years, my contact with the rest of ELD was via email. Then, in 2003, I decided to find out what the annual conference was all about. Conveniently, that year it was held in a nearby city and I had friends to stay with (in case the conference turned out to be a bust). After that experience I decided I was going to attend every ASEE conference if at all possible. Except for two years, I've been able to do so, and I've always come away enriched and invigorated.

It wasn't just the "what" of the conference that got me hooked, it was also the "who." A few times since becoming a member I had email communication with some ELD members (the first, if I recall correctly, was with the always-welcoming Mel DeSart). But at the conference, I found not just a professional organization, but a bunch of great people – people who have shared their experience and wisdom, people I have great respect for, and people who have become friends. It's what – and who – ELD is to me that makes it such an honor to be allowed to serve as an officer and that invests such meaning into receiving the Homer I. Bernhardt Award. Though it's completely insufficient, I'll close by saying, "Thank you!"

*Please see the May 2020 ELD Newsletter, page 10, for details on Craig's contributions to ELD.*

## Call for Executive Board Members

Be like Craig! Help shape the Executive Board of ELD - see opportunities, below.

The **Awards Committee** is seeking one additional member to join the group. If interested in participating, please contact the Awards Committee Chair, Erin Rowley at [epautler@buffalo.edu](mailto:epautler@buffalo.edu).

The **Newsletter Committee** is looking for an additional member (or two), especially one willing to take over the Chair's position in June, 2021. If interested in this four-times-a-year commitment, please contact the Newsletter Committee Chair, Kristen MacCartney at [k.maccartney@ieee.org](mailto:k.maccartney@ieee.org).

Join the **Nominating Committee** to help solicit officer candidate suggestions from the ELD membership. Julie Cook, Past Chair/Chair Nominating Committee is looking for two volunteers to join. Please contact her at [julesck@uw.edu](mailto:julesck@uw.edu).

## Looking Ahead to Long Beach

### Call for Papers ASEE 2020

The Engineering Libraries Division (ELD) of the American Society for Engineering Education (ASEE) is seeking abstracts for consideration for presentation at the 2021 Annual Conference & Exposition in Long Beach, California, June 27th to June 30th.

ELD accepts abstracts for full-length presentations and posters and welcomes abstracts from or joint presentations with members of other divisions.

Topics of interest include, but are not limited to:

- Assessment
- Collaboration
- Collection Development
- Diversity & Inclusion
- eTextbooks & OERs
- Instruction (online or in person)
- Scholarly Communication
- Technology in Engineering Librarianship
- Marketing and Outreach Activities



Papers on diversity are also always welcome; to qualify for the Society's Best Diversity Paper, diversity and inclusion must be the focus of the paper.

Suggestions/proposals for "Special Sessions," e.g., panel discussions, workshops, and cross-divisional sessions are welcome. A proposal for a special session should include:

- description of the intended audience
- summary of the ideas to be explored and discussed
- outline of the session format, including strategies to engage those attending
- vision for the type of individuals who would present
- expected outcomes for the session

All paper submissions are publish-to-present. Papers submitted to technical sessions are peer reviewed through the Engineering Libraries Division review process, and those accepted will appear in the ASEE Proceedings. Deadline for abstracts is **October 12, 2020** and can be submitted online at the [ASEE Conference Page](#).

For questions or additional information, please contact: Kari A. Kozak, ASEE ELD Program Chair at [kari-kozak@uiowa.edu](mailto:kari-kozak@uiowa.edu)

## Call for Nominations

### Call for Nominations – Secretary/Treasurer and Director

The ELD Nominating Committee would like to invite interested members to run for the offices of Secretary/Treasurer and Director. If you would like to nominate yourself or a colleague for either of these positions, or if you have any questions, please contact Julie Cook at: [julesck@uw.edu](mailto:julesck@uw.edu).

Self-nominations are encouraged and if you are nominating someone else, please be sure that you have their permission to nominate and that they are willing to run. Any nominee must indicate in writing their willingness to serve before their names are placed in nomination.

Per ELD [Bylaws](#): “The Nominating Committee shall submit a slate of candidates to the membership no later than the third Friday of February.” “On or before the second Friday of March, ballots shall be made available to the membership electronically.” (Note: the 2021 dates are February 19 and March 12, respectively.)

ELD thrives on the strength and participation of its membership. As daunting as these two offices may sound, bear in mind you will have the tremendous support of your ELD colleagues who served before you. Based on my own experience in office, a call for help was always met with openness and kindness and a willingness to share. Have you already served on a committee as a chair or member? Are you interested in a new challenge to get involved and contribute to ELD? Take the next step and run for office!

Below are more details about each office:

#### Secretary/Treasurer

Election to Secretary/Treasurer starts a four-year commitment to the ELD officer track. The ELD member elected in 2021 will assume office at the end of the annual business meeting at the conference next June in Long Beach, CA. The Secretary/Treasurer becomes the Program Chair at the end of the 2022 conference in Minneapolis, MN, responsible for planning the 2023 conference in Baltimore, MD. At the end of the 2023 conference, the Program Chair becomes Division Chair and will serve until the 2024 conference in Portland, OR. At the end of the 2024 conference, the Chair becomes Past Chair/Chair of the Nominating Committee serving through the 2025 conference in Honolulu, HI.

The Secretary/Treasurer, Program Chair, and Chair sit on both the Executive Committee (EC) and the Extended Executive Committee (EEC). The Past Chair/Chair of the Nominating Committee is a member of the EEC only. Progression from one office to the next takes place at the end of each year's business meeting.

#### Director

The directorship is a two-year commitment. During their first year the Director organizes the ELD welcome reception. In year two the Director organizes the annual banquet. The person elected Director next spring will organize the welcome reception in 2022 in Minneapolis and the annual banquet in 2023 in Baltimore. The Director is a member of the EC and the EEC during their entire two-year term.

Complete descriptions of the roles and duties of ELD officers are available in Article IV of the Bylaws and on the [website](#). Many ELD members who have served in these positions would be happy to discuss their experiences with potential candidates. Please see the [list of past chairs and past directors](#) for names.

Please don't hesitate to contact me with any questions at [julesck@uw.edu](mailto:julesck@uw.edu)

Julie Cook, Chair  
Nominating Committee



## Conference Report, Montreal, Canada (Virtual)

### Monday, June 22

ELD held its first technical session of the conference the morning of June 22. **Julie Arendt** (Virginia Commonwealth University) and **Ken Cariveau** (Baylor University) moderated the session on **Integrating Information Literacy into First-year Engineering Courses and Co-curricular Activities**. The links to papers, below, will direct you to the full-text copy in the **ASEE Papers on Engineering Education Repository (PEER)**.

**Joanne Dera** (New Jersey Institute of Technology) led with “**Promoting Engineering Research Early – A Case Study of Research Question Formulation in a First-year Engineering Course**” [\[view paper\]](#). This case study focused on how engineering students’ research skills could improve if they learned to create better research questions. Librarians collaborated with engineering faculty through an existing research assignment in a fundamentals course to teach the Right Question Institute’s Question Formulation Technique. Joanne reported that students thought the question formulation intervention was helpful to narrow their topics and organize their papers.

**Alissa Link Cilfone** (Northeastern University) followed with “**A First-year Engineering Information Literacy Workshop to Increase Student Awareness of Research Databases**” [\[view paper\]](#). Librarians and first-year engineering program faculty created an interactive workshop introducing information literacy concepts to students. More than 900 students have participated in the workshops since they began in 2018. As a result of the workshops, faculty perceived higher quality work, students expressed positive feedback, and the library saw increased engineering database usage.

**Brianna Buljung** (Colorado School of Mines) then shared “**Using a Second Intervention to Continue Improving Information Literacy Outcomes in a First-year Design Class,**” [\[view paper\]](#) a next step from her ASEE 2018 presentation on the first part of this research. After turning a one-shot into a Canvas module with a required librarian meeting, Brianna and colleagues realized that students needed a mid-semester intervention to reinforce information literacy skills and to enable follow-up librarian referrals. The goals for this pilot reinforcement lesson were to make it easily gradable and to encourage reflection. Brianna interviewed faculty on their perceptions of the lesson and a major theme emerged: It’s a good lesson, and it needs to be sustainable and implementable in a busy course.



In “**Resilience Within and Resilience Without: Mindfulness and Sustainability Programming Using an Embedded Engineering Librarian Approach,**” [\[view paper\]](#) **Catherine Woodworth Wong** (Merrimack College) presented on how she incorporated mindfulness techniques in an introductory engineering information literacy class to combat student stress and anxiety about their transition to college — and the world in general. She invited a guest speaker engineer to talk about mindfulness techniques, sustainability, and resilience. The effort was well-received.

**Shelby J. Hallman** (North Carolina State University) presented “**Designing and Evaluating Co-curricular Information Literacy Sessions for Undergraduate Engineering Researchers**” [\[view paper\]](#). After identifying the need for information literacy support for undergrad engineering researchers, Shelby

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## Conference Report, Montreal, Canada (Virtual) *(continued)*



created co-curricular workshops focused on different needs of departments. Over 2.5 years, the library has held eight sessions with 81 total attendees. Pre- and post-session surveys found students reporting increased confidence about finding and using engineering resources like standards and patents after the session

**Amanpreet Kaur** (University of Pennsylvania) and **Michael White** (Queens University) moderated the next technical session, **Improving and Understanding Engineering Collections and Publication**.

In her paper **“Collecting and Selecting: A Tale of Training and Mentorship”** [\[view paper\]](#) **Angela Henshilwood** (University of Toronto) examined how best to arm librarians with better support networks, and more structured training and mentoring to combat declining budgets, an altered information landscape, and liaison overload.

**“Getting Tired of Massive Journal Usage Statistics: A Case Study on Engineering Journal Usage Analysis Using K-Means Clustering”** [\[view paper\]](#) by **Qianjin Zhang** (University of Iowa) was a straightforward examination, using data analytics, of engineering journal usage. It provided insight into author and end-user needs and additional criteria for weeding.

**“Improving Access to Standards”** [\[view paper\]](#) by **Susan B. Wainscott** (University of Nevada, Las Vegas) covered how the library took a multi-prong approach to increasing understanding, procurement, and usage of standards. Included was an analysis of current and sustainable acquisition methods, training of library staff, and outreach to faculty and students.

**Paul McMonigle** (Pennsylvania State University, University Park) presented **“Using Citation Analysis as a Collections Management Tool”** [\[view paper\]](#). He conducted a study (and shares the method) to determine what “in-house” journals graduate students used that will require ongoing support, and where collection gaps demand future funding.

**James Sobczak** (University of Miami) ended the session with **“Inter-university Bibliometric Comparison of Research Output within Engineering Departments: A Small-scale Case Study at the University of Central Florida and the University of Miami”** [\[view paper\]](#) In sum: “Comparing and contrasting engineering faculty output through various keyword searches can reveal a number of interesting and unexpected nuances in both faculty research trends as well as the actual mechanics of the specific search tool.”

The ever-popular **ELD Lightning Talks** were split into two sessions, both moderated by **Sylvia Jones** (Southern Methodist University) and **Michelle Spence** (University of Toronto).

They began with **Emily Bongiovanni** (Colorado School of Mines) who discussed **“Modern Researcher 501: Using a Graduate Student Workshop Series to Advance Research Skills.”** This series aims to provide graduate students with best practices throughout the research lifecycle and includes topics such as writing a literature review and author rights. It started by identifying student’s needs and frustrations, but encouraged faculty to request specialized topics. Some workshops led by graduate students have expanded to online workshops in the evenings.

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## Conference Report, Montreal, Canada (Virtual) *(continued)*

In **“Creating a Virtual Intern Enrichment Experience,”** Sarah Jane Dooley (Dalhousie University) said that typically she works with between 6-7 MI/MILS internships with a focus on system-wide projects. She asked interns to select the three sessions they were most interested in to enhance the experience, as it moved virtually, due to COVID 19.

**Martin Dunlap** (West Virginia University) covered **“ULIB 101 for Engineers: Introduction to Library Research for Engineering Students,”** an elective eight-week, two-credit class offered online. He markets to the advisors, who recommend engineering students that need it. Topics covered include: concept mapping, credible information, standards, how to make a conference poster, peer review, citations, plagiarism. The final deliverable is a conference poster, paper explaining a topic, and reflection journal.

**Sheree Fu** (California State University, Los Angeles) presented **“Algorithm Bias and Computer Science Students: Start Here.”** In May 2018, Sheree did a survey of students’ perception of algorithm bias. Based on the results, she offered student sessions and partnered with faculty, using a real world example of a research paper on bias in healthcare which students found engaging.

In **“Telling the Story: How Transformative Agreements Reinforce Open Access Options,”** Julia Gelfand (University of California, Irvine) shared her goal to move subscription and OA costs into one framework with shared funding. Elsevier rejected this model but UC signed deals with Springer Nature and Cambridge. Julia emphasized that all transformative agreements are unique and complex. Libraries understand the agreements, what the university is already paying for these databases, pressures on authors, etc., which makes it useful for libraries to be involved in the negotiations. The UC Office of Scholarly Communication also released a [toolkit](#) for negotiating transformative agreements for research institutions.

**Emily K. Hart** (Syracuse University) presented **“A Strategic Model for Outreach Planning.”** The goal was to tactically connect with groups and create an outreach plan for instruction and research support. For undergraduate instruction planning, she pulled the list of all undergraduate courses, and looked at data such as H Index to identify high impact faculty researchers to help with more targeted outreach. Details to replicate the data collection are [here](#).

In **“Emails, Ice Cream, and Civil Engineering Case Studies,”** David E. Hubbard (Texas A&M) showed how he successfully embedded in a civil engineering course after many futile years (civil has always been a challenge in terms of outreach and instruction.) Through perseverance, he was finally invited to an ice cream social which resulted in an opportunity to discuss resources for civil engineering case studies the following semester.



**Kristen MacCartney** (IEEE), in **“The Industrial Life of Information,”** shared stories she uses to show how and why library resources are professional tools that can advance careers. She highlighted scholarly communication as a process (lifelong advantage to using well), not merely a product (this semester’s paper).

**Jay McAllister** (University of Arkansas) spoke of a **“Partnership with Industrial Engineering Students in Identifying Library Processes.”** He used Lean Six Sigma in this collaboration project with sophomores, and managed three teams out of 15: User Services, Acquisitions, and Interlibrary Loan.

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## Conference Report, Montreal, Canada (Virtual) *(continued)*

**Laura Mosher** (United States Military Academy) shared “**Engaging STEM Faculty with Archives & Special Collections Materials**,” which detailed how a robust New Instructor Orientation (junior military faculty members depart after 2-3 years) includes a tour of the archives and special collections with a STEM focus. Faculty engagement has resulted in cadet engagement as faculty incorporate content from the archives into instruction.

**Nestor L. Osorio** (Northern Illinois University) presented “**Collaboration of Library-Instructor and Writing Center for a Senior Design Course**,” where the Senior Design Coordinator, the writing center, and the engineering librarian worked together to create a more consistent collaboration. Instructors provided the library with a list of projects early in the semester, resulting in more focused instruction/resources.

**Sarah Over** (University of Maryland) shared “**Teaching LaTeX in the UMD Libraries**” with a 2019 pilot workshop for graduate students. This expanded into 11 workshops with 116 attendees and 16 consultations. The most common issue is references; the most popular tool is Overleaf. Sarah has used Overleaf extensively, and shared handout, templates and a link to her [workshops](#).

Bioengineering began exponential growth beginning in 2000, said **Judy Pasek** (University of Wyoming) in “**Bioengineering Publication Trends and Characteristics**.” The top five topics: tissue engineering, clinical engineering, genetic engineering, bioinstrumentation, and biological sensors. Seventy-three percent were published as articles; one-third of the publications originated in the US. Closed access claimed two-thirds of the publications, though OA publishing in bioengineering is trending up.

**Jill Powell’s** (Cornell University) lightning talk, “**Shannon Engineering Inc.: Special Collections for Libraries**”, shared how a local firm, Shannon Engineering, donated 15 boxes with 450+ technical reports to the library. Cornell librarians developed a LibGuide and digitized six reports for promotion to engineering and entrepreneurship classes.



### Tuesday, June 23

As we gathered Tuesday morning at our far-flung desks, moderators **Sarah Over** (University of Maryland) and **Margaret Phillips** (Purdue University) kicked off **Technical Session 3: Engineering Librarian Collaborations in the Library, on Campus, and Beyond**.

**Cari Lyle** (University of Southern California) presented “**No Library, No Problem: Engineering Solutions to Library Challenges**” [\[view paper\]](#) where she talked about her experiences as a first-year librarian. This was a case study of Cari’s navigating four main challenges in her new position: staffing, as a solo librarian; space, in a library that had been downsized; collections, after print collections had decreased in size; and outreach.

“**Hey, You Got Business in My Engineering! Collaborating to Support Entrepreneurship Research**” [\[view paper\]](#) was presented by **Kelly Giles** (James Madison University). Kelly spoke about finding a significant overlap between engineering and business research, and how engineering librarians can benefit from collaborations with business librarians.

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## Conference Report, Montreal, Canada (Virtual) (continued)

Next, **Marian Armour-Gemmen** (West Virginia University) presented “**Innovation for the Engaged Librarian**” [[view paper](#)]. Marian noted that librarians are searching for new avenues for engagement. She focused on her work with the NSF Innovation Corps, a program of the NSF to assist researchers with bringing their innovations to market, concluding “engagement can require us to be innovative and learn new resources.”

**Pauline Melgoza** (Texas A&M) presented the paper “**Using Visual Ethnography for Space Studies**,” [[view paper](#)] where Pauline and her co-authors discussed a visual ethnography study to learn when and where graduate and undergraduate students study on campus in their respective departments. Findings included that students preferred locations with technology, with long hours, and with collaboration areas.

In “**If You Build It, They Will Come: a Case Study of How FSU Libraries Grew Engineering Services through Targeted Rebranding and Outreach for a Multi-Institution College of Engineering**,” [[view paper](#)] **Denise A. Wetzel** (Florida A&M University/Florida State University) shared the unique experience of the Florida A&M University - Florida State University engineering library. In this experience, careful attention to outreach, branding, and marketing led to increases in consultations and workshop attendance.

Next, **Daniela Solomon** (Case Western Reserve University) and **Bill Bowman** (Florida Institute of Technology) moderated the panel **Metrics and Measuring Research Impact: What Engineering Librarians Really Need to Know** featuring **Sylvia Jones** (Southern Methodist University) and **Tom Volkening** (Michigan State University).

Sylvia gave a broad overview of the questions, tools, and criticisms inherent in measuring impact at the institutional, group, and individual researcher level. In light of the rankings war for funding, marketing, prestige, and promotion and tenure, she cautioned against taking a quantitative-only approach, and suggested qualitative altmetrics and social impact factors be considered as part of the complex measurement of impact.

Tom discussed how librarians can assist faculty in assessing impact, and introduced the [San Francisco Declaration on Research Assessment \(DORA\)](#) and its 18 recommendations, and also the 10 principles of the [Leiden Manifesto](#) used to evaluate research. He suggested the [NISO Alternative Assessment Metrics \(Altmetrics\) Initiative](#), [Snowball Metrics](#), and also [Star Metrics](#); the last assesses the impact of federal research and development.

In normal times (remember them?) Tuesday night would have ended with the Annual ELD Banquet, where we would continue a number of traditions, including showering the outgoing ELD Chair - this year **Julie Cook** - with a toast, applause, and a signed-by-her-many-fans t-shirt.

2020 wasn't normal! But the festive tee tradition continued, thanks to the teamwork of Kari Kozak and David Hubbard. David collected the sentiments of ELD members in a group eCard, which Kari transferred to a t-shirt with the ELD logo on the front.

Julie received the eCard before the annual business meeting, and her personalized shirt came as an “Amazing!” surprise the next month. We'll say it again: “Great job in a tough year, by another incredible ELD leader.”



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## Conference Report, Montreal, Canada (Virtual) (continued)



**Wednesday, June 24**

The last full day of the 2020 ASEE Annual Virtual Conference started with **Emily Hart** (Syracuse University) and **Marcus Spann** (Louisiana State University) moderating the fourth technical session, **Professional Issues and Opportunities for Engineering Librarians**.

In “**ETAC ABET Accreditation and Information Literacy: A Case Study of Mechanical Engineering Technology**,” [\[view paper\]](#) **Michael Fosmire** (Purdue University) discussed ways librarians can engage with mechanical engineering technology program faculty to support ETAC information literacy outcomes that are frequently marginalized in assessments.

**Debbie Morrow** (Grand Valley State University) presented her paper “**Assessing an Assessment: A Case Study of the NSSE 'Experiences with Information Literacy' Module**” [\[view paper\]](#) which examined how macro- or institution-level assessments of student experience fall short in capturing a true picture of learning. Her research suggests a deeper dive into data to surface the questions the surveys don't ask.

**Jean L. Bossart** (University of Florida) spoke of “**Recent Changes to the Fundamentals of Engineering (FE) Exam and Ways Engineering Libraries Can Support Students**” [\[view paper\]](#). With licensed PEs earning about 20% more than unlicensed peers, Jean delves into ways engineering libraries can demystify and support their students as they prepare to take the FE exam in their senior year.

The paper “**Diversity, Equity, and Inclusion Teaching Practices Among Engineering Librarians**” [\[view paper\]](#) demonstrated how the results of an anonymous survey helped **Sarah E. Lester** (California Polytechnic State University, San Luis Obispo) investigate “whether librarians have the knowledge, training, and support from their library, college, and institution to engage with inclusive teaching practices.”

**Alison Henry** (University of Alberta) presented “**An Examination of Systematic Reviews in the Engineering Literature**” [\[view paper\]](#) which sought to answer whether there's been an uptick in systematic reviews in the engineering literature, and if so, is it discipline-specific, and do these articles get used more frequently. She explores the implications for engineering librarians, and offers advice on implementing systematic review services.

**Assessing, Expanding, and Innovating Information Literacy** was the theme of **Technical Session 5**, moderated by **Angela Henshilwood** (University of Toronto) and **Lisa Ngo** (University of California, Berkeley).

The first presentation, “**Extending the Role of the Library and Librarian: Integrating Alternative Information Literacy into the Engineering Curriculum**,” [\[view paper\]](#) was discussed by all three authors, **Erin Rowley**, **Dr. Lauren Kuryloski**, and **Dr. Kristen Moore** (University at Buffalo). They shared their case study on integrating practical research on standards and other “alternative” information sources into the classroom, and how they expanded Erin's role as a resource, instructor, and researcher.

**Amber Janssen** and **Dr. William W. Tsai** (California State University Maritime Academy) co-presented “**Using a Faceted Taxonomy to Investigate Student Selection of Information Sources in an Engineering Lab Course**” [\[view paper\]](#) They modified a faceted taxonomy, specific to engineering students, to see if student information source selection predicted performance differences, if assignments influenced choices, and how this information might affect instruction.

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## Conference Report, Montreal, Canada (Virtual) (continued)

In “**Assessment of Consultations for an Industrial Distribution Writing-Intensive Course**” [\[view paper\]](#) **Pauline Melgoza, Ashlynn Kogut, and Michael Ryan Golla** (Texas A&M University) presented the results of a three year effort to assess the teaching effectiveness and learning outcomes of an undergraduate, writing intensive class for engineers. They shared their analysis of their end-of-semester questionnaire as a potential assessment tool and model for other librarians.

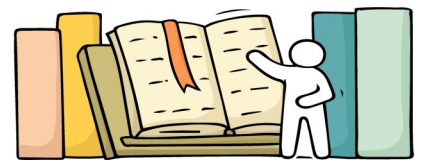
**S. Norma Godavari and Dr. Anne E. Parker** (University of Manitoba) shared “**Lifelong Learning in an Engineering Communication Course**” [\[view paper\]](#). Their paper discussed information literacy and professional development skills tied to future demands on students to navigate their own lifelong learning process: “Google simply isn’t enough” and “fake news is an information literacy challenge, not a technical one.”

In “**Credited Information Literacy Training Sessions for Graduate Students - Still Relevant after 18 years: A Case Study**” [\[view paper\]](#) **Elise Anne Basque** (Ecole Polytechnique de Montreal) shared the experience of creating, maintaining, and updating an accredited and mandated information literacy training, and the benefits both to students and librarians. One takeaway: “creating and executing a search strategy in specialized databases” is commonly “the most important thing the students learned.”

Round two of the **ELD Lightning Talks** launched with “**Integrating Maker Competencies into the Curriculum**” in which **Tara Radniecki** (University of Nevada, Reno) outlined 15 maker competencies of importance to students and mapped them to courses to demonstrate how makerspaces can impact and stimulate student learning.

“**Standards@Beach: Theme for 2019-2020**” presented by **Hema Ramachandran** (California State University, Long Beach) sang a common refrain of difficulty providing sufficient access to standards. A subscription to ASTM and an account with Techstreet (invoice account, print only, used monograph budget) alleviated many prior issues.

**Anne E. Rauh’s** (Syracuse University) “**Connecting to Faculty Over a Book**” detailed her professional and personal satisfaction and growth from joining a peer mentoring group of Syracuse faculty and staff, based on the book *Every Other Thursday* by Ellen Daniell. Details: [“Peer Mentoring for Women in STEM.”](#)



**Kelly Durkin Ruth** (United States Naval Academy) presented “**Taking Flight: Redesigning USNA's Mechanical Engineering Introduction to the Library.**” With [“A Peer-to-Peer Introduction to the University Library”](#) as inspiration, she used the Wright Brothers course theme to develop an interactive series of research tasks, group work, and presentations introducing engineering resources.

In “**Overleaf over Time,**” **Eric Schares** (Iowa State University) detailed how he promoted Overleaf usage with media, a [workshop](#), and considerable user support. Keeping track of users helped prove the value of the subscription, and a custom tool allowed usage tracking by department.

**Andy Shimp** (Yale University) talked about how he planned to use the opportunity of “**Quantum Week at Yale**” (postponed) to highlight new library services and historical, business, and cutting-edge science resources (“and yes, even books”) important to the quantum community at Yale.

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## Conference Report, Montreal, Canada (Virtual) (continued)

**Marcus Spann** (Louisiana State University) explained in “**E-Textbooks for LSU**” how the library partnered with the Student Government Association to ramp up a 400,000 title selection of eTextbooks, helping students reduce costs and faculty expand access to online learning materials. The “investment pays for itself over time.”



“**Database Interfaces – are they friendly for screen reader users?**” asked **Jane Stephens** (Texas A&M) in her lightning talk on how inconsistent, inaccurate, and misleading interfaces make navigating online information challenging for even seasoned searchers. She mentioned [ARIA](#) landmarks to improve accessibility.

**Amy S. Van Epps** (Harvard University) presented “**Library space use: A quantitative look at the impact of a partial renovation**” which outlined a successful redesign to expand quiet study space desired by students. Results included increased usage of both individual and group work areas throughout the library.

“**Text Analytics of University of Iowa Engineering Library Twitter Data**” detailed how **Marina Zhang** (University of Iowa) analyzed eight years of tweets (some 2,000!) from the UI Engineering Library twitter account to determine what topics and media types had the most impact, i.e., “favorites” and “retweets.”

ELD librarians’ lightning talks were followed by the one-slide updates by numerous sponsors.

**Carolyn Valliere** (ASCE) discussed [ASCE 7 Online](#) in the Classroom, multiple access options, a free trial offer, and exclusive interactive annotation tools and features.

**Eileen McCue** (ASTM International) spoke of ASTM Videos and Online Learning for Classrooms with [courses in construction materials testing](#), metals testing, plastics, petroleum and more, and a free [introduction to ASTM standards course](#).

**Walter Coto** (Elsevier) said “Eighty-six percent of industry professionals surveyed consulted [Knovel](#) monthly,” and recommended its interactive equations, graphs, and platform for teaching practical engineering.

**Tom Burnosky’s** (ICE Publishing) presentation featured the freely available, [award-winning papers](#) from top industry and academic authors.

**Rachel Berrington** (IEEE) highlighted free access to [COVID-19 related research in IEEE Xplore](#), [remote access](#) support, [free webinars](#) from IEEE Educational Activities, and a new eBook collection from Artech House.

**Christopher Suhrcke** (Inspec/IET) discussed how to uncover patterns and trends in engineering, computing, and physics research with [Inspec Analytics](#).

**Jayme Crowder** (McGraw-Hill) spoke of [Access Engineering’s](#) applicability to lower/upper level students, with real world examples, videos, visualizations, Schaum’s outlines, text and reference books, code/standard commentary, and more.

**Joel Claypool** (Morgan & Claypool) talked about “small publisher survival in the Age of Covid-19.” M&C now has over 1K titles, Synthesis [Collection 10](#) has 30 books, Collection 11 is selling at a 25% prepub discount, and ongoing concentration is on “hot topic” series.

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## Conference Report, Montreal, Canada (Virtual) (continued)

**Will Goodman** (SPIE) discussed the Gold OA [Journal of Optical Microsystems](#) launch planned for January 2021 and 10% price reduction on digital library and journal subscriptions.

**Skip DeWall** (Techstreet) noted how [Techstreet](#) provides online access to one of the world's largest collections of industry codes and standards, with critical analytical tools.

In the last technical session of the 2020 ASEE Annual Virtual Conference, **Anne Graham** (University of Massachusetts, Amherst) and **Anna Sackmann** (University of California, Berkeley) moderated **Opening Up: Data, Open Access, and Open Educational Resources**.

With her topic **“Open Mines: Launching a Mini-grant Program to Incentivize Open Educational Resource Development for STEM Disciplines**, [\[view paper\]](#) **Emily A. Bongiovanni** (Colorado School of Mines) discussed the mission, uptake, and pitfalls of a mini-grant program to reduce student expenses with OER resources. Issues include copyright, staffing, and the need for longer-term funding.

**Jamie Niehof** (University of Michigan) presented **“Library Facilitation of eTextbooks in Engineering Classes: Student Adoption and Perception”** [\[view paper\]](#) about a survey of students' perceptions of ebook versions of their class textbooks. Students reported preferences for etextbooks that can be downloaded as PDFs, highlighted, and have a note-taking function. Student misconceptions about ebook features point to a need for librarians to improve outreach and training about the use of ebooks.

In **“The Case for Data-sharing Policies and FAIR Sharing Principles: Analyzing Journals and Articles of Engineering and Medical Faculty,”** [\[view paper\]](#) **Chris Wiley** (University of Illinois at Urbana-Champaign) examined the significant disconnect between data-sharing policies and practice, and proposes steps for librarians to further review and enhance research data management services provided to researchers and research groups.



**Fred Rascoe** (Georgia Institute of Technology) spoke of the **“Research Data Practices of Aerospace Engineering Faculty: A Qualitative Study”** [\[view paper\]](#). He went over a study of aerospace faculty that identified a number of ways librarians could prove useful: understanding existing frameworks, and training students on data management, analysis, and visualization tools.

**Chelsea Leachman** (Washington State University) examined how promotion, rank, and tenure influences publishing behavior, and what other criteria influence publication selection, both formal and informal, in **“Publishing Behavior of Engineering Faculty”** [\[view paper\]](#). Her study aimed to understand how librarians might create greater interest in open and sustainable alternative formats like open access publications, blogs, datasets, and open educational resources.

As a reminder, access to the recorded presentations will be available to registered attendees for one year after the close of the conference. Per David Hubbard's June 17th email: “Subsequent access will be through [Pathable](#) using your email address and password. You might want to bookmark that webpage. If you have technical or access issues, please email [aseevirtual@conferencedirect.com](mailto:aseevirtual@conferencedirect.com).”

## Thank you, 2020 ELD Sponsors!



# Annual Business Meeting

## Engineering Libraries Division

### 2020 Annual Business Meeting

Wednesday 24 June 2020, 3:30-4:30 pm (EDT)

Location: Online

### Agenda

Julie Cook called the meeting to order at: 3:33pm. Please mute audio and video if bandwidth is an issue.

Please thank our sponsors for their generous support of the event and travel stipend. Stop by and say hi to our sponsors during the virtual exhibit hall. The Minutes of the 2019 Business Meeting was shared by email and approved by John Teleha, moved, and Amy Van Epps seconded. Thank you to David Hubbard for the program and his program committee for making this conference, despite every curve ball thrown, a robust and smooth one. Thank you to all the moderators and presenters.

ELD has two incoming Executive Committee Members: Daniela Solomon, Secretary/Treasurer and Julie Arndt, Director. Thanks go to 2<sup>nd</sup> year Director, Michelle Spence, for her service. This year was particularly challenging when negotiating the cancellation of the banquet venue in Montreal. The new Committee Chairs, appointed for the 2020-2022 term are: Membership Chair – Jean Bossart; Accreditation & Standards – Alison Henry; Publications – Amani Magid; Development - Michelle Spence; and Scholarly Communications – Mel DeSart. I want to acknowledge and thank those Committee Chairs who have completed their terms: Julie Arndt - A&S; Amy Buhler – Development; David Schmitt – Membership; Lisa Ngo – Publications; Daniela Solomon – Scholarly Communication; and Nominating Chair/Immediate Past Division Chair – Willie Baer, for his service to ELD on the Executive Committee for the past four years. I have appreciated his mentorship and support during my tenure.

Beth Holloway, PIC IV Chair, stopped by for a report. First off, thank you and a shout out to Julie and David. Glad we are all here. She stated that her role is to be a liaison between the Division and the Board. Quick reminder that the Code of Conduct is in effect and applies to virtual meetings. The Conference of 3,263 attendees is down from last year. There were 1762 papers (down 150 from expected), but up eight papers from last year. There were 1423 authors, which is up 19 authors from last year. All the videos, and live recordings will be available for the next year. The Board of Directors has approved the new organization of PICs, which were getting out of balance; PIC IV: 14 and PIC V: 3. ELD will be moving from PIC IV to PIC I and Christi Luks will be our new PIC Chair. At a virtual meeting in August we will get acquainted with our new PIC Chair.

ASEE Finances has an unfavorable variance of \$267,000 for the FY20 Budget. The Annual Conference has a \$733,000 shortfall from the Annual Conference income. ASEE received a PPP loan from the government to cover rent and staff salaries. To date, ASEE has not had to furlough any staff. ASEE has submitted paperwork to turn the loan to grant. We are waiting on the government to approve. We are in an OK situation.

All division sections are required to have a Diversity, Equity, and Inclusion (DEI) section in their By-laws by 2021; ELD already has one. PIC is looking at a By-law to require each division to review their By-laws every five years. In July 2020, there was an email about the ASEE HUB. Paper management will be in place June 2021, so there is one more year of Monolith. New officers were submitted by Julie and David by June 29<sup>th</sup>.

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## Annual Business Meeting (*continued*)

### Q&A with Comments:

1. Someone asked if there will be an option for virtual in the future, as there are worries about future conference funding. She will write it down and look at it moving forward. The conference is preferred to be in person and the location is moving forward.

2. The Best Paper and Best PIC paper can't be a work in progress – Is the best zone paper?

The division can choose a work in progress for their best paper, but it doesn't do well as PIC Best Paper. She will try and get it all together in one source for next year. Thank you to ELD Leadership.

3. Amy Van Epps asked about a reduced conference registration rate for librarians. Beth will continue to work on this for the next year. It is one of her goals for the year and will keep moving it forward. We will also continue to work with Christi.

4. Beth has been nominated to be the VP Elect for the PIC Organization Board. She can be reached at [Holloway@purdue.edu](mailto:Holloway@purdue.edu).

David Hubbard, Program Chair, next gave a report. We are living the remote life. Thank you to everyone for attending and participating as they can. We really encourage you to attend Long Beach, CA, in 2021. It's a great way to network and socialize. We have one more technical session. There are a lot of people involved. The Committee: Amy Buhler, Kari Kozak, Eric Schares, Daniela Solomon, Larry Thompson, Nuree Lee, and Michelle Spence. Many thanks to Julie and her guidance, as well as the sponsors, moderators, panelists, and authors. Hope you take the time to explore the conference outside the ELD sessions. Thanks for being adjustable and flexible.

Kari Kozak, Secretary/Treasurer, reported to check the May Newsletter for the 2018-2019 financials. ASEE will be moving our ELD Conference fund from 2020 to 2021 in October.

Committee Reports were next. Comments were limited to changes and updates to the May newsletter. Development Committee – Michelle Spence – please remember to thank our sponsors. Please visit their booths during the virtual exhibit hall. Newsletter – Emily Hart and Amani Magid will be leaving the committee. Publications – Amani Magid will be Chair. Subcommittee on the review process: Sarah Over, Matt Hayward, David Hubbard, Sylvia Jones, and Webmaster – Marina Zhang, OSF and website. She asked what people want to do about the archive; suggested we will have to work on accessibility as well.

David Schmitt and Jean Bossart awarded the Long-term Member Recognitions. 35 years – Charlotte Erdmann, Tom Volkening, and Nestor Osorio. 30 years – Beth Brin. 25 years – Amy Van Epps and Stella Ota. 20 years – Honora Eskridge and Deborah Helman. 15 years – Megan Sapp Nelson, Julie Cook, Scott Curtis, Lisha Li, Sarah Jane Dooley, and Kristen MacCartney. 10 years – Tara Mawhinney, Jim Miller, and Susan Smith.

Erin Rowley presented Awards, beginning with the Homer I. Bernhardt Award. She noted the 2020 recipient, Craig Beard, got great recommendations, and "it was a pleasure reading all the letters of support. Congratulations!" The ASEE ELD 2020 Homer I. Bernhardt Distinguished Service Award goes to Craig W. Beard of the University of Alabama at Birmingham. As his nomination letter said, "Craig's record of service to ELD over a 19-year period is arguably unmatched." He has served in ELD through the officer track (Secretary/Treasurer,

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## Annual Business Meeting (*continued*)

Program Chair, Chair, Nominating Committee Chair) as well as many ELD committees, including the Publications Committee (13 years with 10 years as Committee Chair), the Literature Guides Subcommittee, the Union List Subcommittee, the Awards Committee (9 years), the Program Planning Committee (10 years), and the Development Committee (2 years), and ELD listserv co-moderator (16+ years). Craig Beard commented, "Thank you for the time of being in ELD. I've worked with amazing folks and it's humbling to me to be listed among the past award winners."

ASEE ELD 2020 Best Publication Award went to the Ithaka S+R report "Supporting the Changing Research Practices of Civil and Environmental Engineering Scholars," by Danielle Cooper, Rebecca Springer, Jessica G. Benner, David Bloom, Erin Carrillo, Alexander Carroll, Bertha Chang, Xiaoju Chen, Erin Daix, Emily Dommermuth, Rachel Figueiredo, Jennifer Haas, Carly A. Hafner, Whitney Hayes, Angela Henshilwood, Alexandra Lyn Craig Krogman, Rebecca Zuege Kuglitsch, Sabine Lanteri, Abbey Lewis, Lisha Li, Matthew R. Marsteller, Tom Melvin, Todd Michelson-Ambelang, William H. Mischo, Colin Nickels, Virginia Pannabecker, Fred Rascoe, Mary C. Schlembach, Yi Shen, Erin M. Smith, Michelle Spence, Kris Stacy-Bates, Erin Thomas, Larry Thompson, Mindy Thuna, Christie A. Wiley, Sarah Young, and Siu Hong Yu. Congratulations to all the authors! Thank you to the Awards Committee of Jay Bhatt, Judy Brink, Julia Gelfand, Lisha Li, Sarah Parker, Hema Ramachandran, Mindy Thuna, and Sue Wainscott.

Bernadette Ewen presented Travel Stipends. 2020 Award winners: ASTM – Kate Mercer and Annie Rauh; Elsevier – Amani Magid. IEEE – Shelby Hallman, Bill Bowman, and Li Zhang. IET – Aditi Gupta. McGraw-Hill – Denise Wetzel, Kelly Durkin Ruth, Graham Sherriff, Sarah Parker, and Marian Armour-Gemmen. Morgan and Claypool – Julia Gelfand, Marina Zhang, Bernadette Ewen, Erin Rowley. For the 2021 ASEE Annual random drawing winners, there will be four winners and four alternates. The sponsors are McGraw-Hill and Morgan & Claypool. Winners – Julie Cook, Holly Surbaugh, Paul Hottinger, and Kristyn Caragher. The four alternates are – Erin Rowley, Cari Lyle, Sarah Over, and Anamika Megwalu. Thank you to the Committee.

Announcements: Hema Ramachandran announced that with the 2021 conference scheduled for Long Beach, CA, she would be glad to help with local insights. Hema and Julia Gelfand have already started gathering information about Long Beach to share. Mel DeSart shared as an anecdote that Kristyn Caragher started in her new position and new location just 3 hours before her university closed due to COVID. Kari Kozak announced that Trivia was scheduled for later this evening, and that participants should bring their favorite beverages. Julia Gelfand took the opportunity to thank Julie Cook and David Hubbard, and all of the groups who helped with the conference planning. Jay Bhatt thanked Jean Bossart and David Schmitt for the division mixer on Monday.

Amy Van Epps moved to adjourn the meeting and was seconded by John Teleha.



## Extended Executive Committee Meeting

### ELD Extended Executive Committee Meeting

Location: Online

Thursday June 25th 4:00-5:20 pm (EDT)

**Present:** Kevin Drees (Mentoring), Eric Schares (Voting & Director), Kristen MacCartney (Newsletter), Daniela Solomon (Secretary/Treasurer), Michelle Spence (Development), Bernadette Ewen (Directory), Marina Zhang (Webmaster), David Hubbard (Incoming Division Chair), Julie Cook, Mel DeSart (Scholarly Comm & Listservs), Alison Henry (Accreditation), Julie Arendt (Director), Dave Schmitt (Membership), Erin Rowley (Awards), Jean Bossart (Membership), Lisa Ngo (Publications), Zac Painter (Archivist), Amani Magid (Publications), Kari Kozak (Incoming Program chair), Bruce Neville (outgoing division chair)

### NEW BUSINESS/UPDATES

#### Publications Committee Peer-Review Rubric Proposal

The EEC has voted to move forward with the Publications Committee's proposal to develop an ELD specific peer-review rubric that will improve the peer-review process by providing a consistent framework for ELD-ASEE publications. This new rubric will not replace the ASEE rubric, but it will be used in conjunction with it. The new rubric is the result of a survey of all ELD reviewers. Another idea from the survey is to offer peer-review training for ELD reviewers. Amani Magid (ongoing Chair) is looking for training opportunities regardless of the cost as ELD might be able to cover it. Issues related to rubric functionality and timeline were also discussed.

#### ELD Archive Access and Next Steps

Zac Painter (chair) reported on the efforts to digitize the ELD archive hosted by UMass Dartmouth. He asked whether ELD would be willing to hire a digitization service as a way to overcome all the encountered difficulties. Issues related to cost, desired features (e.g., LOCKSS), hosting, and management were discussed. EEC agreed to move forward with searching for digitization services and requesting quotes. Special sponsorship was discussed as a possible means to finance the digitization process.

#### ELD Division Chair Updates

Bruce Neville updated EEC on the expected ELD move to the new PIC I. The incoming PIC I chair is Christi Luks. ASEE is planning to establish bylaws that apply to all PICs, but individual divisions are still required to update bylaws every five years. ELD bylaws are due to be updated in 2021.

### COMMITTEE REPORTS

**Accreditation & Standards** – Alison Henry (Chair) had no updates since the newsletter, but asked for input on the idea of developing a spreadsheet of engineering resources to include pros/cons and ranking of priority levels which could be used to prepare for ABET visits, new programs development, or new engineering librarian training. EEC voted to return to this topic at a later date.

**Archives** – Zac Painter (Chair) – No updates since the newsletter.

**Awards** – Erin Rowley (Chair) – The committee will meet to discuss the future of the Innovation in Access to Engineering Information Award.

**Development Committee** - Michelle Spence (Chair) – Told the EEC about a potential new stipend and about the retirement from the committee of Craig Beard and Larry Thompson.

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## Extended Executive Committee Meeting *(continued)*

**Electronic Discussion Lists** – Mel DeSart (Chair) – With Craig Beard retiring, the ELD-I listserv needs a second manager. Preferably, his replacement would be from a different zone than Pacific Time.

**Electronic Voting Administrator** – Eric Schares (Chair) – No news since the newsletter.

**Membership** - Jean Bossart (new Chair) – Four new members joined in the last month. David Schmitt (outgoing chair) announced that the membership in 2020 is equal to the membership in 2011.

**Membership Directory** - Bernadette Ewen (Chair) – Requested the new committee members list to update the directory.

**Mentoring** - Kevin Drees (Chair) – No news since the newsletter .

**Newsletter** - Kristen MacCartney (Chair) – Is looking for a replacement in June 2021, which marks the end of her second two-year term.

**Publications** - Amani Magid (Chair) – Thanks to outgoing co-Chair, Lisa Ngo, and to the 40 reviewers that helped with the 2020 conference.

**Scholarly Communications** - Mel DeSart (incoming Chair) – First, Mel thanked the outgoing Chair Daniela Solomon. Then, he announced a follow-up webinar in July that would supplement the SCC panel at the conference and also his participation on an ASEE Task Force charged with improving the status of ASEE journals.

**Webmaster** - Marina Zhang (Chair) – Asked whether she should continue to upload the slides to OSF and whether ELD should continue using OSF. The EEC members agreed that having slides available is useful, especially for Lightning Talks, since those are not accompanied by any papers. She recommends obtaining permissions from the authors, but notes that OSF is not much used beyond storage.

### 2020 ASEE CONFERENCE REVIEW

The virtual conference went well, with 114 ELD participants. Everyone appreciated that the registration fee had been reduced. The ELD agreed that it has been nice to see faces on Zoom. David Hubbard (the Program Chair) was recognized for his excellent organizer and communicator skills. His daily reminders were very useful in keeping everybody on track with the schedule.

### 2021 ASEE ANNUAL CONFERENCE

The conference theme for next year has not yet been announced. The ASEE new division officers' meeting is scheduled for July. The EEC discussions covered the next year's conference topics, panels and workshops. Priority would be given to the one workshop and two panels that were canceled this year due to the move to a virtual format. Questions were raised about whether we can have more than one workshop. This is unclear since ASEE limits the overall number of workshops across all divisions. Another discussion point was that if we have two workshops at the same time, the audience would be reduced for each. If it comes to that, one solution would be to have the workshops scheduled at different hours, morning and afternoon. However, ASEE has to approve this. A request for topics will be included in the post-conference survey.

### GENERAL ANNOUNCEMENTS

Bruce announced a new award from the ASEE Diversity, Equity and Inclusion (DEI) committee, and Julie announced that Bruce is representing ELD on the ASEE DEI commission.

## Committee Reports

### Membership Directory

Bernadette Ewen, Chair

The **ASEE ELD Directory of Members** is up to date as of September 15, 2020. Current ASEE ELD members can download a copy of this directory at <https://sites.asee.org/eld/member-directory/> using the password that was shared on the eld-l listserv in mid-September. If current ASEE ELD members wish either to have a PDF copy of the current directory e-mailed to them or if they wish to have their directory information updated, they should e-mail Bernadette Ewen at [ewen@rose-hulman.edu](mailto:ewen@rose-hulman.edu). Edits to the directory will be reflected in the next published update to the ASEE ELD Directory of Members. Thank you to Jean Bossart (Membership Chair), Mel DeSart (Electronic Discussion Lists Chair), Marina Zhang (Webmaster), and all other members who provided me with current contact information.

**IMPORTANT:** Access to the ASEE ELD Directory of Members is a benefit of ASEE ELD membership. Do not reproduce, copy, forward, edit, sell, or distribute the directory or the address and password used to access the directory. We value both your privacy and the privacy of everyone else listed in the directory.

### Newsletter Committee

Kristen MacCartney, Chair

A warm thank-you to outgoing committee members, Amani Magid (moved on to become ELD Publications Chair) and Emily K. Hart (new role at Syracuse). Their talents will be missed!

### Publications Committee

Amani Magid, Chair

The Publications Committee are working to create a new rubric to supplement the ASEE rubric and a new peer review process for all of the reviewers. Many thanks to Rubric committee members: Sarah Over (Lead), Isabel Altamirano, Esteban Cantu, Sylvia Jones, Julia Gelfand, Aditi Gupta, Randall Halverson, Jay McAllister III, Debbie Morrow, David Pixton, Eric Prosser, Mindy Thuna, and Marina Zhang!



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## Spotlight on Members

### Welcome New Members!

**Jodi Bolognese joined Northeastern University in Boston as an Engineering Librarian** in June 2020. Prior to that, she provided research and information architecture/website development support for Strada Institute for the Future of Work, interned at Iwasaki Library at Emerson College, and consulted for Credo Reference. Before moving into LIS full time, she worked in education technology product management at Pearson Education, where she developed online curriculum, problem-solving practice and tutorial software, and new product ideas for Science and Engineering. Jodi has an MS in LIS from Simmons University and a BA in English and American Studies at Fairfield University.

**Kristy Borda is the Research Librarian for Engineering and Biotechnology at North Carolina State University Libraries**, a position she's held since March of this year. "As a member of the Research Engagement department, I support research, scholarship, and teaching. I previously served as the Science Librarian at the College of William & Mary, where I also earned my bachelor's in Biological Sciences in 2013. I graduated with my MLIS from Kent State in 2017. In my off-time I enjoy spending time with my family and pets, playing Dungeons & Dragons, and finding new restaurants to try."



**Laura Egan started as the Engineering and Sciences Librarian at the University of North Dakota** last August, after the previous librarian retired. She writes, "I work with the entire College of Engineering and Mines (which includes electrical, chemical, civil, mechanical, and petroleum engineering, as well as computer science) and biology and chemistry. My undergraduate degree is from St. Olaf College. My MLIS is from St. Catherine's University. I also have an MA from the University of North Dakota and a Master of Business Administration from North Dakota State University (I'm a lifelong learner - and NDUS offers tuition reimbursement!)."



Previously, she worked at the University of North Dakota and North Dakota State University in business library positions. "My first position as a librarian was with the Center for Rural Health as an information specialist, first with the Health Workforce Information Center (now defunct) and then

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## Spotlight on Members *(continued)*

the Rural Health Information Hub (celebrating 18 years). I published one article in collaboration with business faculty at NDSU and am still collaborating on a couple others, but I am interested in getting more into engineering education/information-related research,” she says. “I am part of a digital scholarship group at the library and we have been teaching ourselves software like ArcGIS and NVivo, partially in preparation for our visualization lab, which was supposed to have its grand opening April 14th... I'm also learning Python and basic text analytics. I already did some work with Microsoft Access, pulling large files of patents data for a research project that stalled, and know some PHP and SQL.

“On a personal note, I am a sci-fi nerd (Star Trek and Doctor Who are particular favorites) and enjoy board games, craft beer, movies, and making things (as a kid I made a game for my model horses - with my Star Trek TNG action figures as riders; now I'm making a Doctor Who themed shelving unit for my game overflow!)”

### ELD Members News

Congratulations to Michael White, who was promoted to the rank of Librarian in May 2020. Mike is the Librarian for Research Services in the Engineering and Science Library at Queen's University, Kingston, Ontario, where he has worked since 2005. He is also the liaison librarian for Astronomy, Chemical Engineering, Chemistry, Engineering Physics, and Physics, and a Fellow of the Dunin-Desphande Queen's Innovation Centre.

