

SEPTEMBER 2023

# Engineering Libraries Division

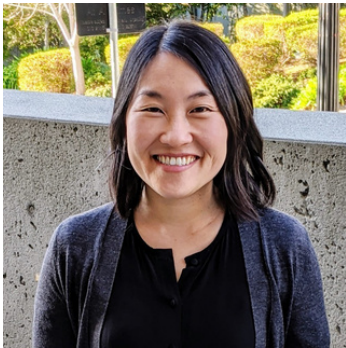
American Society for Engineering Education



## MESSAGE FROM THE CHAIR

By Lisa Ngo

Hello, ELD!



I joined ASEE and ELD almost exactly 10 years ago as an early career Engineering Librarian and have always been impressed with how welcoming and supportive ELD members are. Given this knowledge, I should not have been surprised at the enthusiasm and help I've received as I've made call after call

for volunteers and feedback as the 2023 Program Chair and now as Division Chair - I am so grateful to everyone in the Division for giving their time and energy to this organization.

Thanks to attendees, presenters, authors, moderators, sponsors, and volunteers for making the 2023 Annual Conference in Baltimore a huge success. I want to give a special thanks to Publications Chair Sarah Over and her team of reviewers for providing invaluable guidance to authors, and to Michelle Spence and the Development team for working with our sponsors. And of course, thanks to our sponsors - ACS, AIAA, ASCE, ASME, ASTM, AWS, Begell House, Elsevier, ICE, IEEE, IET, IOP Publishing, McGraw-Hill, Overleaf, SPIE Digital Library, and Techstreet - for all your support!

One of the things I love most about attending the Annual Conference is the opportunity to explore the culture and the food of a new city. Being Program Chair in Baltimore didn't allow me much free time, but I did manage to make a quick jaunt to Ovenbird Bakery where I ran into not one but TWO fellow ELD-ers and spent a lovely morning getting to know a new member better over breakfast pastries. The previous year at the 2022 Conference in Minneapolis, a few ELDers and I made a field trip to Owamni by The Sioux

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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*

Chef, a restaurant highlighting Indigenous dishes and ingredients; it was an incredibly memorable meal for all of us, and we were thrilled when we saw that Chef Sean Sherman was recently announced as the 2023 Julia Child Award winner.

As we return to in-person events as the norm again, I hope that you are able to take some time out from the always packed ELD conference schedule and support the local economy and our community hosts any way you can.

A final thank you has to go out again to my wonderful 2023 Planning Committee - Kevin Drees, Ibironke Lawal, Chelsea Leachman, Denice Lewis, John Napp, Kelly Durkin Ruth, Eric Schares, Michelle Spence, Amy Van Epps, and Qianjin "Marina" Zhang.

Looking forward to this next year, we have made progress in creating more ways to connect with members outside of the annual conference. A Mid-Year Interest Task Force was established in 2022 to investigate the possibility of producing a mid-year event to engage the ELD community, especially as the annual conference continues to be prohibitively expensive for many of our members (the task force estimates that only around 50% of our membership typically attends). The task force - Sarah Barbrow, Mel DeSart, Shelby Hallman, and John Teleha, led by Kari Kozak and Amy Van Epps - proposed an event in February, and the proposal was unanimously approved by the EEC. More information to come on this new opportunity!

Under past-Chair Daniela Solomon's leadership, the Extended Executive Committee approved a proposal to host our Division's internal documents, including Committee documentation, on OSF. Daniela, ELD Archivists Zac Painter and Kari Mofford, and Web Committee past-Chair Qianjin "Marina" Zhang spent the last year creating the ELD-OSF Operational Documentation Guideline, which has since been approved by the EEC and ELD Leadership. The Committee Chairs are eager to start training in September to utilize this new system for preserving our organizational knowledge.

Planning for the 2024 ASEE Conference in Portland, Oregon is underway! Chelsea Leachman, our Program Chair, has begun organizing and a call for papers will be included in this newsletter. Please consider submitting an abstract, keeping an eye out for ways to get involved, and attending in 2024. As always, thanks to our generous sponsors, travel stipends will be made available to offset the cost. I'm especially excited to be welcoming ELD to the West - some might argue The Best - Coast!

## ELD 2023 ANNUAL GOOGLE PHOTO ALBUM

Did you attend ASEE Annual in Baltimore? Or were you unable to attend but would like to see pictures? Do you have pictures to share from the conference? Then visit the shared Google Album, [located here](#). Everyone is welcome to contribute!



# ELD ANNUAL CONFERENCE REPORT

## Sunday, June 25

ASEE celebrated a major anniversary as an organization this year, reflected in its theme for the 2023 Annual Conference and Exposition - "The Harbor of Engineering Education for 130 Years" - held in Baltimore, Maryland. Technical session slots were eliminated on Sunday to provide more time for travel, making the first day a bit more relaxed. The ELD opened the conference with a workshop in the afternoon of Sunday, June 25. As a follow up to the well-received qualitative research methods workshop offered during the 2022 Annual Conference, attendees joined Amy G. Buhler (University of Florida), Megan Sapp Nelson (University of Illinois, Urbana-Champaign), and Ashley Sands (Institute of Museum and Library Services) for "Research Proposal Writing for Librarians," a hands-on workshop to learn about writing research proposals, grant applications, finding collaborators, and navigating the IRB process. Denice Lewis (Wake Forest University) and Margaret Phillips (Purdue University) graciously contributed many hours to help plan and edit content. Techstreet and Overleaf were our workshop sponsors. Slides, handouts, and activities from the presentation can be found by visiting [bit.ly/eld2023workshop](https://bit.ly/eld2023workshop).

The workshop was followed by the Division Mixer, where new and veteran ELD members got to mingle with other ASEE Divisions - special thanks to the ELD members who staffed the ELD booth and promoted our Division! The social events continued with the ASEE Exhibit Hall Opening, Welcome Reception & Taste of the Town, a traditional ASEE event featuring a sampling of regional cuisine and opportunities to meet with conference exhibitors. Sunday closed with the ELD Social at Pratt Street Ale House, sponsored by SPIE and organized by Mel DeSart.

## Monday, June 26

As is tradition, in our summary of technical sessions below, we only note the presenting author(s). All papers can be found on the [ASEE PEER Repository](#), and member contributed slides and materials from paper presentations, lightning talks and posters can be found on the [ELD 2023 Annual Conference & Exposition Repository](#) on OSF.

Monday morning kicked off with the ELD Poster Session, moderated by James Cox (University of Iowa).

Kendall Morgan (University of Illinois, Urbana-Champaign) presented "Collection Management in Preparation for Building Restoration: University of Illinois Mathematics Library." [[view paper](#)] The Mathematics Library at the University of Illinois Urbana-Champaign (UIUC) is currently housed in Altgeld Hall, a building established in 1897 and listed on the National Register of Historic Places. Altgeld Hall is set to undergo restoration starting summer 2023. When construction begins, the entire mathematics collection will be moved and housed in a temporary location for the duration of the building restoration project. This poster aimed to share preliminary information on the collection management processes utilized to realign the physical bound collection to a size that can be accommodated in the transitional space.

## ELD ANNUAL CONFERENCE REPORT, *CONTINUED*

Sarah Weiss (University of Maryland, College Park) presented “Developing Support for Critical Citation Requirements for Civil and Environmental Engineering Graduate Research.” [\[view paper\]](#) [\[view poster\]](#) This poster documented the efforts that have been put in place so far around implementing citation justice education at University of Maryland libraries including developing instruction modules and research guides. In particular, focusing on the librarians’ instigation of a close partnership with the faculty and graduate students of the Civil and Environmental Engineering Department (CEE) who were particularly receptive to expanding their scholarly communication practices to include aspects of citation justice.

Wynn Tranfield (University of California, Santa Cruz) presented “Exploring an Engineering Student-Centered Approach to Library Outreach and Engagement by Listening First.” [\[view paper\]](#) Contrary to an “if we build it, they will come” approach, this strategy prioritized a series of interviews and focus groups with students, staff, and faculty within the division. This listening first approach has helped us prioritize library resources in response to demonstrated curricula, research, and scholarship needs, many of which have changed over the past three years. Major takeaways include new knowledge of student research practices, detailed insights from minoritized students, transfer student challenges, approaches to classroom accessibility, and greater curriculum awareness.

Jentry Campbell (Dartmouth College) presented “Exploring the Impact of Textbook Costs on Undergraduate Engineering Majors.” [\[view paper\]](#) [\[view poster\]](#) In the fall of 2022, the Dartmouth Library and the Thayer School of Engineering launched an exploratory survey to determine the amount spent on textbooks by declared engineering majors in all classes and the impacts of these costs on student experiences. This survey served as a pilot for a university-wide survey looking at the costs associated with textbooks in various disciplines, launched in April 2023. The goal of presenting this exploration is to encourage similar explorations at other small, private colleges. This poster received the 2023 ELD Best Poster Award!

Qianjin “Marina” Zhang (University of Iowa) presented “Is There a Relation Between Research Topics and High-Impact Journals in Biomedical Engineering?” [\[view paper\]](#) This poster examined the relation between research topics and journal CiteScore (metric for measuring journal impact in Scopus) in biomedical engineering. 196 topics associated with higher CiteScore were identified in more than 87K bibliographic records. The poster also analyzed trends for top 50 topics between 2018-2021.

Next was the technical session, “TS1: Engineering Librarianship”, sponsored by IOPP and IET. Leena Lalwani (University of Michigan) moderated.

Michael White (Queen’s University) led with “Engineering Librarianship in the Post-war Period: Profile of an Emerging Academic Librarian Community.” [\[view paper\]](#) The presentation provided a deeper understanding of the engineering librarian community in the 1940s and early 1950s through the analysis of data compiled from the Directory of College Engineering Library Personnel, published in 1949 by the Engineering School Libraries Section of ACRL and supplemented by data from other sources. The

presentation also explored the demographic profile, professional credentials, status, scholarly work engagement, and other questions about engineering librarians in the post-war period.

Elizabeth C. Novosel (University of Colorado, Boulder) shared “Let’s Talk About Disability: Disability Justice in Engineering Librarianship.” [[view paper](#)] This paper presents a disability justice-informed perspective in hopes of allowing librarians who work with disabled STEM students to gain a more nuanced understanding of ableism and the many barriers disabled people encounter in STEM fields as well as more broadly in higher education.

Amber Janssen (California State University, Maritime Academy) and Mindy Thuna (University of Toronto) closed with “Survey of Research in Engineering Librarianship, 2015-2019.” [[view paper](#)] This comprehensive literature review aimed to examine what research was conducted pertaining to engineering librarianship from 2015-2019 (pre-pandemic). Peer-reviewed articles published between 2015-2019 were surveyed to identify who is performing research in engineering librarianship, what research methods are being used, if the studies are repeatable, and if the methods chosen are appropriate for the research question under investigation.

The ELD Lightning Talks in the afternoon were moderated by Kelly Durkin Ruth (United States Naval Academy) and Qianjin “Marina” Zhang (University of Iowa). [[view presentations](#)] Participants enjoyed the talks in the spacious ballroom.

Angela Henshilwood (University of Toronto) led with “‘Toy Kits’ at the Engineering & Computer Science Library.” This talk was about an interesting project funded by a Chief Librarian Innovation Grant to create “toy kits” for engineering and computer science staff, students, and faculty who care for children.

Brianna Buljung (Colorado School of Mines) shared “Representation in STEM Open Course.” This talk was about an open course that introduces faculty to resources and provides guidance on locating and using materials from underrepresented scholars.

Eric Prosser (Arizona State University) shared “Using Airtable as a Discovery Layer for Engineering Standards.” This talk covered Airtable which replaces a clunky directory housed on LibGuides and allows for better discovery and searching of our collection of engineering standards.

Jay McAllister (University of Arkansas) shared “Requesting Standards for Use Through Techstreet.” This talk was about good user experience with the standards platform, TechStreet.

John Teleha (North Carolina Agricultural & Technical State University) shared “Update on NC A&T SU's R2 to R1 Transformation.” This talk was an update to Bluford Library's proactive approaches to the R2 to R1 transformation process after his last year's ELD lightning talk.

## ELD ANNUAL CONFERENCE REPORT, *CONTINUED*

Joshua Borycz (Vanderbilt University) shared “Chemical Literature Course.” A librarian teaches a Chemical Literature course for undergraduate and graduate students. The end goal is for each student to produce a high-quality review article.

Julia Gelfand (University of California, Irvine) shared “Building on Work for Fun in Retirement.” As some librarians have fears or concerns about retirement, this talk introduced strategies on retirement planning, staying mentally alert, and physically active. Along with looking forward to change by having more time for hobbies, friends, family, and letting go of routines embedded in library mentality.

Kari Kozak (University of Iowa) shared “Engineering Open: Mini-Golf Design Challenge.” This talk was about the Engineering Library partnering with the College of Engineering to create a Mini-Golf Fairway Challenge during Engineers Week.

Leah DiCiesare (University of Maryland) shared “An Evaluation of a Rare Book Special Collection in the Mathematics Library at the University of Illinois: Discovery.” This talk was about an initial project of preservation of overall Math Collection. More rare items were discovered and evaluated for care and repair.

Leena Lalwani (University of Michigan) shared “An Exploration of Workflows for Monitoring Open Access Publishing at the University of Michigan.” This talk described the administrative context for OA reporting efforts at University of Michigan and will report on three OA tracking methods, their pros and cons.

Shelby Hallman (University of California Los Angeles) shared “Donuts & Discussion: Gathering Student Opinions on AI.” This talk discussed implementing a pop-up survey to gather student opinions on AI and inform the creation of library resources to assist student knowledge and use of AI.

Yuening Zhang (Kent State University) shared “Harnessing the Power of Open Databases in a Writing Intensive Aviation Security and Policy Course.” This talk discussed using open sources such as the Transportation Research Integrated Database (TRID), Defense Technical Information Center (DTIC), and advanced Google search for government websites in an aviation security and policy course.

James Cox (University of Iowa) shared “Supervising Students: Battling Imposter Syndrome.” This talk was about strategies for supervising students. His strategy was a collection of tools including a Student Policy Handbook, a Student Policy Agreement, a set of interview questions, and an onboarding/training process.

The session concluded with 1-slide/1-minute sponsor talks by our attending sponsors.

- Carolyn Valliere, ASCE
- Eileen McCue, ASTM International
- Efram Abrams, American Welding Society
- Meghan Rohrmann, Begell House
- Yingzhi Wang, Engineering Village
- Emily Csernica, IEEE

# ELD ANNUAL CONFERENCE REPORT, *CONTINUED*

- John Lloyd, IET
- Greg Schraft, IOP Publishing
- Skip DeWall, Techstreet

The fourth session was Roundtable Discussions, moderated by Qianjin “Marina” Zhang, and sponsored by the American Chemical Society (ACS). A total of 11 topics were built on ELD members’ choice prior to the conference. An open topic table was also reserved. Thanks to volunteers (Julie Arendt, Jodi Bolognese, Brianna Buljung, Mel DeSart, Aleshia Huber, Paula C Johnson, Kari Kozak, Denice Lewis, Matt Marsteller, Laura Mosher, Liz Novosel, Eric Prosser, Anna Ren, Megan Sapp-Nelson, Holly Surbaugh, and Denise A. Wetzel) for facilitating discussions.

- Teaching patent literature, sources, and discovery process (i.e., Patent Public Search)
- Effective and creative ways to build relationships with (sometimes reluctant) liaison departments
- Standards in teaching and collection development
- The quality of engineering e-book collections beyond ASCE, ASME, Elsevier, IEEE, Springer Nature, SAE, Taylor & Francis, and Wiley. Comments on ICE, IET, IGI Global, etc.?
- Future of library Information literacy programs for STEM
- Ongoing professional development needs for engineering librarians. For those who are burnout, what is being done to mitigate burnout?
- Open Educational Resources (OER) for STEM
- How are AI tools like Chat GPT, Elicit, and Scite.ai changing engineering students’ information behavior? If/how should they change librarians’ instruction, outreach, and evaluation?
- Discussion and examples of active/hands-on learning
- Transformative agreement with major publishers: pros and cons, save money, etc.
- Equity, Diversity, Inclusion, and Social Justice (EDISJ): What it means for engineering librarians?

The day ended with the annual IEEE-sponsored ELD Welcome Reception and Dinner at the National Aquarium. Joanne Michalak (IEEE) and Qianjin “Marina” Zhang (University of Iowa) organized the event. ELD members, ELD sponsors, and their families enjoyed the self-guided tour, delicious meal, and raffle. It was a fantastic experience for ELD members!

## **Tuesday, June 27**

Tuesday started with the ELD Business Meeting and breakfast; notes from the meeting, sponsored by AIAA and ASME, can be found on page 13.

“Speed Dating with Databases and Tools” came next, moderated by Denice Lewis (Wake Forest University). Presenters Denice Lewis, Matthew Frenkel (New York University), Alfred Wallace (University of North Dakota), Willow Dressel (Princeton University), Aleshia Huber (Binghamton University), and Roman Koshykar (Rochester Institute of Technology) introduced attendees to new AI tools and how they are being utilized by engineering librarians. [[view videos](#)]

# ELD ANNUAL CONFERENCE REPORT, *CONTINUED*

Speed dating was followed by “TS2: Understanding Our Users”, moderated by Erica Newcome (University of Miami), and sponsored by ASCE.

Sarah Parker (University of British Columbia, Vancouver) presented “Research Data Sharing in Engineering: A Report on Faculty Practices and Preferences Prior to the Tri-Agency Policy.” [[view paper](#)] The paper describes the survey results conducted at a U15 research institution in Canada asking engineering faculty about their research data sharing practices and preferences; the survey results aim to help the subject librarian identify where they might best offer support for faculty and students.

Amy Kurr (University of Tennessee – Knoxville) and Jimmy Landmesser, Jr. (UT-Battelle) shared “Technical Standards in Engineering Education: A Survey Across Professional Sectors.” [[view paper](#)] To support the development of a technical standards course module, engineering students, academics, industry employees, and government employees were surveyed to determine the level of need and priority for course content.

Erin Matas (Michigan Technological University) shared “Undergraduate Students Experience Cognitive Complexity in Basic Elements of Library Research.” [[view paper](#)] When unexpected airline delays prevented Matas from joining us in Baltimore, they heroically created a video presentation instead! Cognitive Task Analysis (CTA) methodologies were used to study undergraduate College of Engineering and College of Sciences and Arts students’ search processes; they found that there was a sizable disconnect between what librarians may expect are basic elements of the search process and what students experience as cognitively complex.

Jean Bossart (University of Florida) shared “What Do Engineering Students Want in an Academic Library Space?” [[view paper](#)] The paper describes a study incorporating observation, online survey, and focus groups to understand how engineering students use the academic library and what they envision as an ideal space; the responses informed a major renovation of the UF Marston Science Library in 2022. The study methodology can be used by other engineering libraries who wish to perform an analysis of their own space usage and student design preferences.

“TS3: Instruction & Information Literacy” came next, moderated by Amani Magid (NYU Abu Dhabi) and sponsored by AWS.

Bridget Smyser (Northeastern University) and Jodi Bolognese (Northeastern University) shared “A Rubric-Based Assessment of Information Literacy in Graduate Course Term Papers.” [[view paper](#)] [[view presentation](#)] The study assessed the information literacy skills of graduate and upper-level undergraduate students in a materials processing course and attempted to identify differences in information literacy between the undergraduate and graduate students.

Seth Vuletich (Colorado School of Mines) and Joseph R. Kraus (Colorado School of Mines) shared “Mapping Graduate Student Workshops to Career Readiness Frameworks.” [[view paper](#)] The authors used the Perkins Collaborative Research Network and the National Association of Colleges and Employers frameworks to evaluate the effectiveness of a



# ELD ANNUAL CONFERENCE REPORT, *CONTINUED*

graduate student workshop series offered by the library in collaboration with other campus departments.

David Pixton (Brigham Young University) shared “Using Decision-Based Learning to Develop Expert Information Literacy Behaviors in Engineering Undergraduates.” [[view paper](#)] [[view presentation](#)] Pixton reviewed the current literature and practice around Decision-based Learning (DBL) in undergraduate information literacy instruction, and introduced practical applications of DBL techniques for undergraduate engineering information literacy classes.

Denise A. Wetzel (Pennsylvania State University) and Paul McMonigle (Pennsylvania State University) shared “Why IF I APPLY isn’t CRAAP: The evolution of source evaluation with PSU STEM Libraries in the engineering classroom.” [[view paper](#)] The IF I APPLY method for evaluating the quality and credibility of resources was reviewed and compared with other popular evaluation methods, including CRAAP. The authors described how they use IF I APPLY in their own practice when working with undergraduate engineering students.

We wrapped up the day in Baltimore’s Little Italy with the Elsevier sponsored ELD Annual Banquet at the delicious La Tavola restaurant, organized by Ibironke Lawal (Virginia Commonwealth University).

## **Wednesday, June 28**

Our final conference day started with “TS4: Outreach & Collaboration”, moderated by Angela Henshilwood (University of Toronto) and sponsored by Begell House.

Hyunjung Lee (Cornell University) shared “Addressing Business Research Needs in the Engineering Curriculum.” [[view paper](#)] They described collaborations between business and engineering librarians in order to support the intersection of the two areas in coursework and co-curricular initiatives.

Dr. Sarah Over (Virginia Tech) shared “Collaborations Beyond the Library: Bibliometric Analyses to Support Engineering Research, Innovation and Diversity.” [[view paper](#)] Sarah provided an interesting look at a new unit on the Virginia Tech campus focusing on analysis of research impact and intelligence to support projects like prospective industry collaboration and research alignment with minority serving institutions.

Paul R. Hottinger (California State Polytechnic University, Pomona) and Dr. Jessica Ohanian Perez (California State Polytechnic University, Pomona) shared “Connecting students to discipline specific research in their first year: A collaboration between engineering faculty and librarians.” [[view paper](#)] This study compared student views from classes with an embedded engineering librarian to classes that received a one session information literacy lesson.

Erin Rowley (University at Buffalo, The State University of New York) shared “The Teaching Needs of Engineering Faculty Compared to Business Faculty: How the Library and Librarian Fit In.” [[view paper](#)] It is a comparison of two studies, one examining the

## ELD ANNUAL CONFERENCE REPORT, *CONTINUED*

teaching needs of business faculty and one examining the teaching needs of engineering faculty. Recommendations emerged from core themes identified across both disciplines.

Our final session, “TS5: Collections & Spaces,” was moderated by Kari Kozak (University of Iowa) and sponsored by ICE.

Zachary del Rosario (Franklin W. Olin College of Engineering) shared “A Scoping Review of Engineering Textbooks to Quantify the Teaching of Uncertainty.” [[view paper](#)] The paper presented a look at how uncertainty is covered in engineering textbooks using a content analysis of textbook indexes.

Jeanette M. Mueller-Alexander (Arizona State University Library) shared “Engineering Research for Indigenous Engineering techniques — Research in Progress.” [[view paper](#)] Jeanette highlighted the challenges of using controlled vocabularies to search in databases like Compendex and Inspec for research related to Indigenous techniques and methods in engineering.

Paula C. Johnson (University of Arizona) closed the conference with “University Library Makerspaces: Create, Connect, Collaborate!” [[view paper](#)] This paper is a review of how makerspaces developed in academic libraries from the 2010s to the present, and introducing the creation of the Maker Studio at the University of Arizona Libraries.

## AWARDS COMMITTEE UPDATE

The ELD Awards Committee selected “Engineering Librarianship in the Post-war Period: Profile of an Emerging Academic Librarian Community” by Michael J. White of Queens University as the 2023 ELD Best Conference Paper. [[view paper](#)] The paper explores the professionalization of the academic engineering librarian community in terms of their roles, qualifications, and work experiences during the 1940s and early 1950s. Committee members praised the paper for being well-researched and well-written. The Committee also thought it was a unique treatment of the topic with some interesting insights about our profession. As the author stated in the paper, there are “potentially hundreds of similar stories about engineering librarians waiting to be re-discovered,” and further research will help us “fully understand and appreciate the contributions of engineering librarians” from the post-war period to now. While this historical piece may not impact your day-to-day engineering librarianship practice, it provides historical context and recognizes the contributions of engineering librarianship to engineering education. It is an important piece that will have enduring value, relevance, and is part of our collective story.

Written by David Hubbard

Sylvia Jones  
*Chair*

A THANK YOU TO OUR 2023 ELD ANNUAL SPONSORS!



**ACS Publications**  
Most Trusted. Most Cited. Most Read.



**SPIE. DIGITAL LIBRARY**



The Institution of  
Engineering and Technology



**IOP Publishing**



# PROFESSIONAL DEVELOPMENT COMMITTEE UPDATE

The Professional Development Committee is locating presenters and scheduling dates for the 2023-2024 academic year for the webinars listed below. More details are forthcoming.

## *Fall 2023*

1. Patents
2. Engineering Basics
  - a. Learning the fundamentals of engineering librarianship
  - b. How to keep up when you know the basics
3. Technical Reports: Managing and Finding

## *Spring 2024*

1. AI (Artificial Intelligence)
2. Promotion Packets: Building your case.

Kevin Drees  
*Chair*

# PUBLICATIONS COMMITTEE UPDATE

Welcome to another conference cycle year from the Publications Committee!

Are you interested in reviewing this year for the 2024 conference? Please fill out this [short annual survey](#) by November 1st to indicate your reviewing preferences. This helps tremendously with assigning reviewers to submitted papers during the conference submission and review cycle. If you reviewed in the past couple of years, you may have already seen an email with this information at the beginning of September.

Also, if you are a newcomer to ELD and curious about our work and how reviewing works, you are welcome to fill out the survey to indicate your interest or to reach out to Sarah Over at [sover05@vt.edu](mailto:sover05@vt.edu).

Finally, everyone can look forward to a peer review overview and tips session before the review cycle starts for the 2024 conference!

Sarah Over & Nestor Osorio  
*Co-Chairs*



# WEB COMMITTEE UPDATE

From January to August 2023, the ELD Web Committee accomplished the following:

- Maintained the ELD website, updated ASEE ELD Annual Conference information on the website, and updated information for other ELD Committees as requested.
- Created a webpage for ELD Secretary and Chair Candidates.
- Contributed to the development of the ELD-OSF (Open Science Framework) Operational Documentation Guideline.
- Established a page for each ELD committee on the ELD-OSF website.
- Set up the repository of the 2023 ASEE ELD annual meeting:  
<https://osf.io/meetings/ELD2023>

Yuening Zhang  
*Chair*

## ELD 2023 ANNUAL BUSINESS MEETING

Engineering Libraries Division  
2023 Annual Business Meeting  
Tuesday, June 27, 2023, 9:15 - 10:45 A.M. (EST)  
Location: 317 Baltimore Convention Center

Daniela Solomon called the meeting to order at 9:20 A.M.

### **Report from PIC I Chair, Elliot Douglas**

#### *Conference Report*

- Conference attendance for the 2023 conference is at 4,000 attendees with 1900 papers.

#### *Updates from the Board Meeting*

- There will be an updated paper submission schedule for the 2024 conference.
- ASEE Hall of Fame - Nominate people for the Hall of Fame.
- ASEE is hosting a 130th Gala in Washington, D.C., this October.

#### *Finance Report*

- There has been an investigation into the accounting at ASEE, and there was no evidence of criminal activity.
- The report shows that the ASEE's expenses exceeded revenue, and the policies were not being followed.
- Repayment to division BASS accounts will start in February 2024.

#### *Best Papers Report*

- The best PIC I paper went to the Liberal Education/Engineering & Society Division (LEES).

# ELD 2023 ANNUAL BUSINESS MEETING, *CONTINUED*

## *ELD Feedback to PIC Chair*

- Micheal White expressed appreciation for the update on the financial situation.
- Reduction of ASEE Annual Conference Registration for ELD members: The focus at ASEE at this point is to repay the BASS accounts and then could discuss a reduction of conference registration.

## **AGENDA**

### *Approval of Minutes of the 2022 Business Meeting*

- Minutes of the 2022 Business Meeting were published in the September 2022 Division newsletter. Amy Van Epps voted to approve, and the move was seconded. The minutes were approved.

### *Division Chair Report, Daniela Solomon*

- See the newsletter for updates.
- Documents on OSF, EEC proposal, Archives Committee, guidelines for OSF, and what needs to go in there.
- ELD members were surveyed regarding a librarian conference rate in the fall of 2022. Following the survey, a letter was sent to ASEE and turned down.

### *Program Chair Report, Lisa Ngo*

- See the May newsletter for updates.
- The 2023 conference had a record number of paper submissions.
- Thank you to the planning committee: Amy Van Epps, Chelsea Leachman, Qianjin Zhang, Michelle Spence, Eric Schares, Kelly Durkin Ruth, John Napp, Kevin Drees, and Denice Lewis.

### *Secretary/Treasurer's Report, Chelsea Leachman*

### *Committee Reports Updates*

- Accreditation and Standards, Jay McAllister - Survey from members to help update the ELD guide on accreditation.
- Archives, Zach Painter - No update.
- Awards, Erin Rowley - No update. See below for award announcements.
- Communications, Denise Wetzel - Looking for interested members to help with the newsletter.
- Development, Michelle Spence - Tri-fold and map of sponsors, help thank the sponsors; Benefits of sponsors - Wi-Fi, stipends, meals, socials.
- Diversity, Equity, and Inclusion, Sarah Lester - Adopted a DEI statement for ELD, Adding accessibility to the DEI statement based on feedback. This year, we had the most papers with a DEI theme.

# ELD 2023 ANNUAL BUSINESS MEETING, *CONTINUED*

- Electronic Discussion Lists, Mel DeSart - No update.
- Electronic Voting Administrator, Eric Shares - No update.
- Membership. Li Zhang - 277 members in 2023.
- Membership Directory, Paula Johnson - See email sent in June.
- Professional Development, Kevin Drees - Fall workshop ideas: Patents, engineering basics, how to keep up on new trends, tech reports; Spring workshop ideas: AI and promotion packets.
- Publications, Sarah Over - Thanks to reviewers, ASEE is sticking with NeMo. If you have feedback on the paper submission system, please email Sarah. If you want to review, please reach out.
- Scholarly Communications, Mel DeSart - See report in the newsletter; Recognition Tom Volkening's work on the scholarly communications committee.
- Webmaster, Yuening Zhang - Updates to the website have happened quickly.

## *Awards and Recognitions*

John Napp presented a memorial for long-time ELD member Tom Volkening.

## Annual Membership Recognition

### *Awards Presentation and Recognitions*

- Awards Presentations, Erin Rowley, Awards Committee Chair
  - ELD Best Publication - Graduate Students in RDM
  - Best ELD Conference Paper (presented by David Hubbard) - Engineering Librarianship in the Post-war Period: Profile of an Emerging Academic Librarian Community, Michael White (Queen's University)
  - Best DEI Conference Paper (presented by Sarah Lester) - Let's Talk About Disability: Disability Justice in Engineering Librarianship | Elizabeth C. Novosel (University of Colorado, Boulder)
  - Innovation Award - Open Textbook Guide
  - ELD Early Career Award - Seth Vuletich, Colorado School of Mines
  - ELD Best Conference Poster - Exploring the Impact of Textbook Costs on Undergraduate Engineering Majors | Jentry Campbell (Dartmouth College)
  - Bernhardt Award 2023 - Kari Kozak, University of Iowa
- Long-term Member Recognitions, Membership Committee
  - Jill Powell: 35 years
  - Julia Gelfand: 25 years
  - Bruce Neville: 25 years
  - G. Robert Houdek: 25 years
  - Patricia Mason: 20 years
  - Amy Buhler: 15 years
  - Phil Flynn: 15 years
  - Jaylyn Kelley: 15 years

- Christina Mayberry: 15 years
- Douglas McGee: 15 years
- Robyn Rosenberg: 15 years
- Sandra Tucker: 15 years
- Maura Borrego: 10 years
- Bernadette Ewen: 10 years
- Bette Finn: 10 years
- James Van Loon: 10 years
- Lisa Ngo: 10 years
- Clara Tran: 10 years
- Susan Wainscott: 10 years
- Travel Stipends, Bernadette Ewen, Stipend Coordinator
- Thank you to our travel stipend sponsors for their generosity and support: Elsevier, McGraw-Hill, SPIE, IET, IEEE, and ASTM.
- The 2023 stipend award winners are Sarah Parker, Julia Gelfand, Anna Ren, Leah DiCiesare, John Napp, Yuening Zhang, Amanda Bartel, Roman Koshykar, Erica Newcome, Paul Hottinger, Eric Prosser, and Lisa Ngo.
- McGraw-Hill sponsors the 2023 ASEE Annual random drawing, with two winners and three alternates. The winners are Amber Janssen and Roman Koshykar. Alternates are Sarah Lester, Bernadette Ewen, and Sylvia Jones.

## *Announcements*

The story of the Bernhardt hat and how it started in 2001 was shared at the end of the meeting.



Kari Kozak (center) receiving the Bernhardt Award.



# ELD EXTENDED EXECUTIVE COMMITTEE MEETING

ELD Extended Executive Committee Meeting

Location: 318 Baltimore Convention Center

Thursday, June 28, 2023

Present: Daniela Solomon (Past Division Chair), Qianjin “Marina” Zhang (Director), Denice Lewis (Director), Mel DeSart (Scholarly Communications & Listservs), Erin Rowley (Awards), Lisa Ngo (Division Chair), Chelsea Leachman (Program Chair), Denise A. Wetzel (Communications), Sarah Lester (Diversity, Equity, and Inclusion), Paula Johnson (Membership Directory), Sarah Over (Publications), Jay McAllister (Accreditation and Standards), Kevin Drees (Professional Development), Amy Van Epps, Kari Kozak

Lisa Ngo called the meeting order at 3:20 p.m.

## **APPROVAL OF THE 2022 EEC MEETING MINUTES**

The EEC approved the 2022 extended executive committee meeting minutes with the change to Denice Lewis’s name; see [this link](#).

## **NEW BUSINESS/UPDATES**

### *Mid-year online events proposal*

Kari Kozak and Amy Van Epps have a proposal for a mid-year event tentatively for a few days during February 2024. The proposal of a February event would be at the beginning of semesters or quarters and before spring breaks. The mid-year event would be at no additional cost. This event would be an additional benefit of being a member of ELD. It would also be an opportunity to share programs and projects for librarians that don’t need to be published for promotion.

The event would be hosted on the ELD page, with presentations hosted on the OSF. EEC will vote by August 1 after email discussions after the conference.

### *Committee memberships*

- Committees haven’t put a call out yet for new members
- Committees can put calls out for new members to help new ELD members join
- If committees need members to send out a call again

### *DEI/Diversity scholarship*

The development, awards, and DEI committees have been discussing the criteria for an award/stipend to help new members come to the ASEE annual conference—the possibility to seek out sponsorship from a new vendor for the scholarship, ongoing conversation with the development committee.

## COMMITTEE REPORTS

*Accreditation and Standards*, Jay McAllister (Chair) - No updates beyond the May newsletter.

*Archives*, Zac Painter (Chair) - No updates beyond the May newsletter.

*Awards*, Sylvia Jones (Chair) - Sylvia Jones is the new awards committee chair as Erin Rowley has stepped down. The awards committee has a new, early career award as of the 2023 conference. Awards are announced via the May newsletter, or awardees were contacted before the conference. The best conference poster, paper, and DEI paper are currently not told before the ELD business meeting. The awards committee will be changing the notification schedule for the 2024 conference to inform awardees before the business meeting. Some awardees at the 2023 conference were unsure that they should attend the business meeting and were not there to receive their award. The annual business meeting scheduled for after the poster session is optimum.

*Communications*, Denise A. Wetzel (Chair) - Will be sending out deadline dates for the ELD newsletter. Communications did much better at getting the newsletter out on time this past year. There is a new Google email address to send newsletter content: [communicationseld@gmail.com](mailto:communicationseld@gmail.com).

Three members rolled off of the committee, but three members are joining the committee. Eric Schares is helping with social media. Ideas for newsletter ideas this next year include a conference 101 for new conference attendees in May and ELD profiles throughout the year.

*Development*, Michelle Spence (Chair) - Reminder for next year to work with vendors to get signage at events to list the vendor and the division name. Going to work this next year to get funds in earlier for the 2024 conference. The development committee will work towards getting direct pay for the annual banquet.

Future conferences might look at extending sponsor lightning talks if the program allows. The lowest stipend from ELD is \$750, which does not cover conference registration; development will ask sponsors to increase the amount for next year. Additionally, the committee is working on getting the word out about stipends in the future. Possible change in language so that people can apply and receive stipends multiple years in a row.

*Diversity, Equity, and Inclusion*, Sarah Lester (Chair) - DEI has added three new members, possibly two more. We're planning to organize some virtual workshops using content from CDEI.

*Electronic Discussion Lists*, Mel DeSart - No update.

*Electronic Voting Administrator* (not present) - No updates beyond the May newsletter.

# ELD EXTENDED EXECUTIVE COMMITTEE MEETING, *CONTINUED*

*Membership* (no members attending, update via email) - We routinely welcome new members of the ELD and solicit their biographies for the ELD newsletter. We reach out to prospective members and send invitations to new subscribers to the public ELD listserv. Also, we send reminders to those whose membership has lapsed. We do the above recruitment-related activities each month. The number of ELD members has increased in recent three years: 2021 had 211 ELD members, 2022 had 213 ELD members, and 2023 had 227 ELD members.

Two committee members have retired, so we are looking for one (perhaps two) new members.

*Membership Directory*, Paula Johnson (Chair) - Between July 1 the end of June 2023: issued five directories. Comment during the conference: more bio information in the directory, add a link to personal pages. Joining dates are incomplete for a range of members.

*Nominating* - Committee members are set, and names of possible people updated.

*Professional Development*, Kevin Drees (Chair) - No update.

*Publications*, Sarah Over (Chair) - ASEE and Nemo will focus on user testing for next year's paper submissions. If you find any bugs while using the system, email Sarah at [sover05@vt.edu](mailto:sover05@vt.edu).

*Scholarly Communications*, Mel DeSart (Chair) - Erica Newsome is a new member, and Zac Painter is rolling off the committee. Cari Kaurlo is going to join.

*Web*, (no members attending, update via email) - From January to June 2023, the ELD Web Committee accomplished the following:

- Maintained the ELD website, updated ASEE ELD Annual Conference information on the website, and updated information for other ELD Committees as requested.
- Created a webpage for ELD Secretary and Chair Candidates.
- Contributed to the development of the ELD-OSF (Open Science Framework) Operational Documentation Guideline.
- Established a page for each ELD Committee on the ELD-OSF website.

## **2023 ASEE ANNUAL CONFERENCE FEEDBACK**

Some of the positives of this year's conference were that all the sections were in the same area with little travel between locations, more member attendance, WIFI, and good social events.

Feedback for changes for future conferences includes communication regarding the business meeting being open to all ELD members. welcoming members, adding more lightning talks, bigger rooms for technical sessions, and connecting with ASEE on technical set-ups in rooms.

# ELD EXTENDED EXECUTIVE COMMITTEE MEETING, *CONTINUED*

## 2024 ASEE ANNUAL CONFERENCE PLANNING

The 2024 ASEE Annual Conference will be held June 22-25 in Portland, Oregon. The following list is the Conference Planning Committee for 2024: Chelsea Leachman, Amy Van Epps, Michelle Spence, Denice Lewis, Margaret Phillips, Kristin Whitman, Qianjin “Marina” Zhang, Jay McAllister, Shelby Hallman, & Denise A. Wetzel.

The committee will send out a post-annual conference survey and a call for papers will be available in the next newsletter or as soon as ASEE releases the calls.

## GENERAL ANNOUNCEMENTS

ELD OSF page use and future information to pass along, future EEC meeting on OSF usage.

Additions to EEC email list - Add Margaret Phillips, Denice Lewis, Sylvia Jones, and Nester Osorio.

Meeting adjourned: 4:41 pm.

## AUGUST 2023 ASEE ELD DIRECTORY OF MEMBERS

The August 2023 ASEE ELD Directory of Members is now available. To download the PDF copy of the directory:

- [Webpage link](#)
- Click on the link below the photo of the directory.
- Password: (Found on Paula C. Johnson’s August 16, 2023 email).

Best efforts have been made to ensure the directory is complete and up-to-date, but we ask that you please review your own information and send me additions, deletions, etc. as you see fit: [pcjohnson@arizona.edu](mailto:pcjohnson@arizona.edu). Edits to the directory will be reflected in the next update to the ASEE ELD Directory of Members.

PLEASE NOTE: The ASEE ELD Directory of Members is a benefit of ASEE ELD membership. Do not reproduce, copy, forward, or distribute the directory or share the link/password used to access the directory.

|   |   |
|---|---|
|    | Would you like some feedback on a paper you are planning to submit for publication? |
|   | Need some help writing your paper?  |
|   | Want to improve your chances of having your manuscript accepted for publication?    |
|   | <b>Try the ELD Friendly Paper Review Service</b>                                    |
| For more information contact<br>Kevin Drees, Chair via email:<br><a href="mailto:kevin.drees@okstate.edu">kevin.drees@okstate.edu</a> | Brought to you by the ELD Professional Development Committee                        |

# 2024 ELD ANNUAL ABSTRACT SUBMISSIONS

The Engineering Libraries Division (ELD) of the American Society for Engineering Education (ASEE) is seeking abstracts for consideration for presentation at the 2024 Annual Conference & Exposition in Portland, OR, June 23-26, 2024.

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

Topics of interest include, but are not limited to:

- Artificial Intelligence
- Assessment
- Collection Development
- Diversity, Equity, & Inclusion
- Early Career
- Libraries and the Global Engineering Issues
- Instruction
- Open Science
- Outreach and Engagement
- Research Support Services
- Technical Standards
- Technical Skills and Engineering Librarianship

Abstracts for papers and posters should be submitted through the ASEE Conference webpage. All paper submissions are publish-to-present. Papers submitted to technical sessions are peer reviewed through the ELD review process, and those accepted will be published in the ASEE Proceedings and online on the ASEE PEER repository. From the accepted papers, ELD will select the division's Best Paper and the Best Diversity Paper to participate in the Society's selection for the respective categories.

**Abstract submissions open on October 1, 2023, and closes on November 1, 2023.**

ELD also accepts suggestions/proposals for "Special Sessions," e.g., panel discussions, workshops, and cross-divisional sessions. Based on the post-conference survey, topics of interest include but are not limited to conducting research, collection development, diversity and inclusion, open science, research support services, and/or instruction.

Special session proposal should include:

- Description of the intended audience.
- Description of possible panelists and their expertise.
- Summary of the ideas to be explored and discussed.
- Outline of the session format, including strategies to engage those attending.
- Expected outcomes for the session.

Submissions/proposals for the Special Sessions should be submitted to [Chelsea Leachman](#); deadline to be announced.

For questions or additional information, please contact Chelsea Leachman, 2024 ASEE ELD Program Chair, [chelsea.leachman@wsu.edu](mailto:chelsea.leachman@wsu.edu).

## ELD NEW MEMBER UPDATES

Sara Kern joined *Penn State University, University Park* as an **Engineering Librarian** in May 2023, where she serves as the liaison to Acoustics, Electrical Engineering and Computer Science, Nuclear Engineering, and is co-liaison to the School of Engineering Design and Innovation. Previously, she worked at a small liberal arts college, first in Access Services before moving to lead instruction and outreach. She earned an MSLIS from Syracuse University and an MA in History from Penn State. Her professional interests include creative, equitable information literacy instruction, and outreach and programming that help make learning fun. Her personal interests include hiking, backpacking, and creating functional ceramics.



Dana Ouellette (he/him) is the **Faculty Engagement Librarian (Natural & Applied Sciences)** at the *University of Alberta* in Edmonton, Alberta, Canada which involves being the liaison librarian for Mechanical, Electrical, Computer and Biomedical Engineering. I have only been in my current position for 6 weeks. For the previous 12 years, I worked as an Online Services Librarian (and liaison librarian for the faculty of Science) at a small college called Concordia University of Edmonton. As an engineering librarian I'm a bit embarrassed to admit I have a BA in classics and linguistics, an MA in religious studies, and I have an MLIS. I love gardening, relaxing in the garden with my dog, hiking in the mountains, and I am also very fond of all things heavy metal!

Georgette Nicolosi works at *Missouri University of Science & Technology* as a **Business and STEM Librarian**. She also serves the Online Learning students at the university. Georgette has only been in this position for about a month! Prior to coming to Missouri, she was the Communications and Business Librarian at Penn State University. Georgette received her Bachelor's Degree in Philosophy from Penn State, and her Master's in Marketing from The London School of Economics and Political Science, and Master's in Library Science from Syracuse University.

