



# ENGINEERING LIBRARIES DIVISION

American Society for Engineering Education

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## MESSAGE FROM THE CHAIR

By Chelsea Leachman



Happy Fall, ELD!

At the end of summer and throughout September, many of us are in our yearly transition back to school. I hope that regardless of where you are in that transition, you are settling into the new school year, and it is always an exciting

time on campuses. I really enjoyed seeing many of you this past June at the Annual Conference in Portland and hope to see many more throughout the year at ELD-sponsored events (both virtually and in person).

Our time spent in Portland at the Annual Conference went by quickly. Still, I always enjoy reconnecting with ELD members, both experienced and new, while learning about all the work that our group is doing at our institutions. Once again, I want to thank all of those who made this year's conference a success; ELD is one of the most supportive groups I have been a part of, and the meetings and professional development opportunities would not exist without all the work members contribute. I want to thank the conference planning committee: Amy Van Epps, Michelle Spence, Margaret Phillips, Denice Lewis, and Denise Wetzel.

Special thanks to Sarah Over and Willie Baer, the Publication Committee co-chairs, and all the peer reviewers who volunteered time to make this year's technical sessions interesting and engaging.

## MESSAGE FROM THE CHAIR (CONTINUED)

Thank you to all the ELD members who presented at or facilitated this year's conference. For a complete list of conference sessions and links to papers and presentation slides, please see our [2024 Annual Conference page on the ELD website](#) or the conference program report below.

Once again, I want to shine a spotlight on our sponsors for this year's conference: ACS, AIAA, ASCE, ASTM, AWS, Begell House, Elsevier, IEEE, IET, IOP, McGraw-Hill, Overleaf, SAE, SPIE, and Techstreet. Your support is invaluable to ELD, allowing us to award travel stipends and provide funding for our events and technical sessions. We are deeply grateful for your partnership and the opportunities you help us create. I also want to acknowledge the ELD Development Committee, led by Michelle Spence, for nurturing and maintaining these important relationships.

There are two items to note from the conference's Executive Committee Meeting. The first is the work of Lisa Ngo, Sylvia Jones, Bernadette Ewen, and Sarah Lester in creating a Diversity Travel Grant for the 2025 Annual Conference. The second is the approval of creating a standing committee for the mid-year ELD event. Look for more information throughout the year on the listserv or in the ELD newsletters.

As we look ahead, there are many exciting events on the horizon. We have the upcoming ELD mid-year event and the ASEE Annual Conference next June in Montreal to look forward to. Margaret Phillips, the 2025 program chair, and the planning committee are already hard at work on the call for papers. I encourage all members to start thinking about submitting proposals for technical sessions and special sessions. Have a happy fall, and I look forward to working with ELD this coming year.

## 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 please contact Lisa Ngo at [Ingo@berkeley.edu](mailto:Ingo@berkeley.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." The 2025 dates are February 21 and March 14, respectively.

## CALL FOR NOMINATIONS (CONTINUED)

ELD thrives on the strength and participation of its membership. We highly encourage individuals from all underrepresented communities to apply for leadership positions within ELD. New officers have a broad support network of current and former officers to draw from for advice and expertise. Below are more details about each office:

### Secretary/Treasurer

- Election to Secretary/Treasurer starts a four-year commitment to the ELD officer track.
- 2025-2026: The ELD member elected in 2025 will assume office at the end of the Annual Business Meeting at the 2025 conference in Montreal, Canada.
- 2026-2027: The Secretary/Treasurer becomes the Program Chair at the end of the 2026 conference in Charlotte, NC, responsible for planning the 2027 conference in Toronto, Canada.
- 2027-2028: At the end of the 2027 conference, the Program Chair becomes Division Chair and will serve through the 2028 conference in Pittsburgh, PA.
- 2028-2029: At the end of the 2028 conference, the Chair becomes Past Chair/Chair of the Nominating Committee serving until the 2029 conference in Salt Lake City, UT.
- 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 at the Annual Conference.
- In year two the Director organizes the annual banquet.
- The person elected Director in 2025 will organize the welcome reception in 2026 in Charlotte, NC and the annual banquet in 2027 in Toronto, Canada.
- 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](#). Members of the Nominating Committee are also available should you have any questions.

Lisa Ngo, Chair Nominating Committee, [Ingo@berkeley.edu](mailto:Ingo@berkeley.edu)

Bob Heyer-Gray, [rhey@ucdavis.edu](mailto:rhey@ucdavis.edu)

Jodi Bolognese, [j.bolognese@northeastern.edu](mailto:j.bolognese@northeastern.edu)

## 2025 ELD ANNUAL CALL FOR PAPERS

The Engineering Libraries Division (ELD) of the American Society for Engineering Education (ASEE) invites abstract submissions for papers to be presented at the 2025 Annual Conference & Exposition in Montreal, Quebec, Canada, June 22-25, 2025. Abstract submissions open on Sunday, September 1st, and close on Tuesday, October 1st.

ELD welcomes submissions of paper abstracts for full-length presentations and posters, particularly those from ELD members or from ELD members jointly with members of other divisions.

Topics of interest include, but are not limited to:

- Artificial Intelligence
- Assessment
- Collection Development
- Conducting Research in Engineering Librarianship
- Diversity, Equity, & Inclusion
- Evidence Synthesis (e.g., systematic reviews)
- Information Literacy
- Open Scholarship (e.g., open science, OERs)
- Outreach and Engagement
- Research Support Services (e.g., data)
- Scholarly Communication
- Sustainability and Libraries
- Standards and Patents
- Technical Skills and Engineering Librarianship

Abstracts for papers should be submitted through the [ASEE 2025 Conference webpage](#). All paper submissions are publish-to-present. Papers submitted to technical sessions and for poster presentation are peer-reviewed through the ELD double-anonymized peer review process, and those accepted will be published in the ASEE Proceedings and online in the [ASEE PEER repository](#). Please review the [ELD Author Guidelines 2025](#) as you prepare your abstract.

ELD will select the division's Best Paper and the Best Diversity Paper from the accepted papers to participate in the society's selection for the respective categories. ELD also welcomes proposals for "special sessions" (e.g., panel discussions, workshops, cross-divisional sessions). Based on the 2024 ELD post-conference survey, topics of interest include but are not limited to: ABET accreditation and libraries, artificial intelligence, conducting research in engineering librarianship, collection development, diversity and inclusion, information literacy, open scholarship, outreach, research support services, and scholarly communication.

## 2025 ELD ANNUAL CALL FOR PAPERS (CONTINUED)

The special session proposal should include the following:

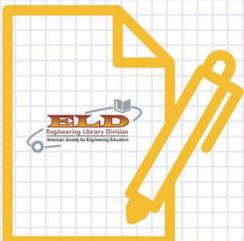
- Description of the intended audience.
- Description of potential presenters and their expertise.
- Summary of the ideas to be explored and discussed.
- Outline of the session format, including strategies to engage those attending.
- Expected learning outcomes for the session.

### ASEE ELD Submission Timeline

- Sunday, September 1, 2024 – Abstract and ELD special session submissions open
- Tuesday, October 1, 2024 – Abstract and ELD special session submissions close
- Monday, December 2, 2024 – Abstract decision deadline
- Sunday, February 2, 2025 – Draft paper upload deadline
- Friday, March 7, 2025 – Draft decision deadline
- Friday, March 14, 2025 – Revised paper upload deadline
- Friday, May 2, 2025 – Final paper upload and author registration deadline

Proposal submissions for special sessions should be submitted to Margaret Phillips ([phill201@purdue.edu](mailto:phill201@purdue.edu)) by Tuesday, October 1st.

For questions or additional information, please contact Margaret Phillips, 2025 ASEE ELD Program Chair, [phill201@purdue.edu](mailto:phill201@purdue.edu).



Would you like some feedback on a paper you are planning to submit for publication?

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For more information contact  
Kevin Drees, Chair via email:  
[kevin.drees@okstate.edu](mailto:kevin.drees@okstate.edu)

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT

The 2024 Annual Conference and Exposition—“The Future of Engineering Education”—was held in Portland, Oregon, at the Oregon Convention Center. It was a beautifully sunny conference! Again this year, Sunday’s relaxed schedule included only Division workshops and welcome events. This year’s conference was well attended by members of ELD! Thirty reviewers, led by Sarah Over & Willie Baer, shepherded twenty-three papers through to the conference presentations and posters. The whirlwind four-day conference featured a Sunday workshop, an AI teaching exchange with ten presentations, a panel on systematic reviews, five technical sessions with twenty presentations, a lightning talk session with twenty-three presentations, and an awards ceremony. Thank you to conference organizing committee members Chelsea Leachman, Kristin Whitman, Shelby Hallman, Denice Lewis, Jay McAllister, Margaret Phillips, Michelle Spence, Amy Van Epps, Denise Wetzels, and Marina Zhang for a wonderful conference! [You can find the conference OSF archive here.](#) Thank you to members who have contributed photos to the [ELD Annual Conference Photo Album.](#) Enjoy!

### SUNDAY, JUNE 23

#### **Workshop: Integrating Intercultural Competencies into Engineering Information Literacy Instruction**

Purdue University Professors Heather Howard, Zoeanna Mayhook, and Annette Bochenek led a 2.5-hour exploration of intercultural competencies with the goal of fostering a deep personal understanding of our own cultures, cultural assumptions, and how to best recognize and include the cultures of all team members in work. This workshop was based on a course they taught business students at Purdue.

#### **Division Mixer, Taste of the Town & ELD Social**

After the workshop, ELD folks mixed and mingled together and with others from across all the ASEE divisions. A hearty thank you to Jay McAllister, Kristin Whitman, and Mel DeSart who welcomed all to our ELD table with an assemble-your-own 3D printed beaver and measuring tape key chains! Immediately following the division mixer was the annual Taste of the Town with a selection of food trucks featuring Portland’s cuisine. Exhibitor booths were set up by this time, allowing members to chat and connect with vendors. Finally, our gratitude to SPIE for sponsoring and Mel DeSart for organizing the ELD Social on the rooftop at [Metropolitan Tavern](#) featuring delectable treats and stunning views of Portland.

# 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

MONDAY, JUNE 24

## Poster Session

ELD members presented four posters in two divisions. In the Engineering Libraries Division, moderated by Christina Mayberry, **Denise Wetzel** and **Sara Kern** (Penn State) presented their work entitled “Crafting a Library on Belonging in Engineering: An Initial Review Using Textual Analysis” [[View Poster](#)] [[View Paper](#)]; Best Poster winners **James Cox** and **Kari Kozak** (The University of Iowa) presented their work entitled “Developing a User Experience Study” [[View Poster](#)] [[View Paper](#)]; and **Margaret Phillips, Heather Howard, Dave Zwicky, and Dr. Frederick Berry** (Purdue University) presented their work entitled “Using ‘Micro’ Approaches to Prepare Engineering Technology and Business Students for the Informed Workplace” [[View Poster](#)] [[View Paper](#)]. In the Biomedical Engineering Division, ELD member **Dr. Joshua Borycz** (Vanderbilt University), along with his colleagues Alexander Carroll, Sheldon Salo, and Dr. Amanda Lowery, presented his work entitled “Work in Progress: Integrating Information and Data Literacy into Biomedical Engineering Laboratory Courses.”

## Technical Session 1

The first technical session of the conference featured four presentations and was sponsored by IET, IOP, & AIAA.

**Dianna Morganti** and **Angie Dunn** (Texas A&M) shared “Preparing Engineering Graduate Students to Engage in Scholarly Communications.” In their session they outlined a research lifecycle and publication class they currently teach to graduate students in the Multidisciplinary Engineering Department. The class was developed to reduce the mismatch in reported student research time and the actual outputs of students. Students overall had positive feedback for the course, and many were presenting on their class work at the conference. [[View Paper](#)]

**Elizabeth Dawson** (Northern Arizona University) and **Susan Wainscott** (University of Nevada Las Vegas) shared “Surveying the Landscape: Exploring STEM Instructors’ Selection Criteria for Instructional Materials.” Their session presented the results of their national survey on instructor material selection habits. Though they had a lower response rate than hoped, they were able to demonstrate that textbooks are still the most likely to be assigned, but many instructors are taking the cost to students into account. [[View Slides](#)] [[View Paper](#)]

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

**Paul McMonigle, Denise Wetzel, and Sara Kern** (Penn State) shared “Teaching Engineering Information Literacy with INCLUSIVE ADDIE.” Their session presented their lesson plans and experiences using the action-oriented framework for inclusive educational practices, INCLUSIVE ADDIE. Lesson plans that include slide-based collaboration activities were shared in the session. [[View Slides](#)] [[View Paper](#)]

**Beth Carpenter and Erin Rowley** (University of Buffalo, The State University of New York) shared “Undergraduate Engineering Transfer Students and the One-Shot Library Resource Instruction: Using Nearpod to Promote Active Student Engagement.” Their session discussed their use of the student engagement platform Nearpod. The resource allows for the creation of slide-based interactive learning resources and was used in the engineering transfer students seminar. The assignment was graded for participation and provided continuous engagement and discussion during the lesson. Their presentation slides also featured an exciting image to bison morph that drew praise from moderators and audience members alike. [[View Slides](#)] [[View Paper](#)]

### ELD Lightning Talks

14 ELD members and 9 sponsors shared their work in 3-minute [lightning talks](#) [[view slides](#)]. during this session moderated by Marina Zhang.

#### Member Talks:

1. **Kelly Durkin Ruth** (US Naval Academy) & Erin Rowley (University at Buffalo), Who Chooses STEM Librarianship? Revisiting and Refreshing a Study or Where Two Years of Conversation Can Take You
2. **Jodi Bolognese** (Northeastern University), MechE Capstone Student Reflections on Research
3. **Cari Kaurlo** (University of Southern California), A Path to Integrating Information Literacy into the Engineering Curriculum
4. **Yuening Zhang** (Kent State University), Teaching an Information Literacy Class: Approaches & Lessons Learned
5. **Leah DiCiesare & Sarah Weiss** (University of Maryland), Beginning a Content Analysis on Engineering LibGuides
6. **Yuqi He** (San Jose State University), Engineering Librarian on the Table: Facilitating Interdisciplinary Research Using the All of Us Datasets on Campus
7. **Ibironke Lawal** (Virginia Commonwealth University), Using AI for Collection Development
8. **Roman Koshykar** (Rochester Institute of Technology), Late to the OER Party: Developing a Presentation to Introduce OERS to Engineering and Engineering Technology Faculty

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

9. **Julia Gelfand** (University of California, Irvine), Self-Initiated Partnerships: Building Global Relationships Through Mentorship
10. **Ashley S. McNeill** (The University of Alabama at Birmingham), Social Justice and Accessible STEM Resources Through the UAB Libraries
11. **Elizabeth Novosel** (University of Colorado Boulder), Supporting Trans Folx in Academic Libraries
12. **Lisa Ngo** (University of California Berkeley), Assessing Library Spaces for Accessibility, Inclusivity and Welcomeness
13. **Kari Kozak & Amanda Gunnink** (University of Iowa), Maker Breaks: A New Spin on Creative Workshops
14. **Aditi Gupta** (University of Victoria), Inclusive Science Communication

### Sponsor Talks [View Slides]:

- Carolyn Valliere, ASCE
- Eileen McCue, ASTM
- Efram Abrams, AWS
- Meghan Rohrmann, Begell House
- Yingzhi Wang, Elsevier Engineering Village
- Emily Csernica, IEEE
- Christopher Suhrcke, IET
- Annie McCorry, Overleaf
- Devshan Perera, SAE

### **AI & Information Literacy Teaching Exchange**

Ten presenters shared their advice and knowledge around AI in the library classroom. Thanks to Chelsea Leachman for moderating and ASCE for sponsoring this session. [[View Session Slides](#)]

- **Matthew Frenkel** (New York University) shared his module based AI learning circle model.
- **Li Zhang** (Mississippi State University) shared their use of ChatGPT in engineering literature search development.
- **Denice Lewis** (Wake Forest University) shared her work on introducing AI tools in the engineering classroom, how these tools have evolved in the last few years, and how to stay up to date in this rapidly changing environment. [[View Slides](#)]
- **Zoeanna Mayhook** (Purdue University) shared her work on developing a workshop that used AI tools for literature reviews.
- **Sarah Over** (Virginia Tech) shared her work integrating AI literacy into a long-standing, asynchronous Canvas course taught to graduate students.

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

- **Renee Walsh** (University of Connecticut) shared her work curating curricular support for AI in instruction by creating a collection within the library catalog.
- **Haoyong Lan** (Carnegie Mellon University) discussed their use of the CRISPE and CLEAR prompt engineering frameworks. [[View Slides](#)]
- **Melanie Sorsby** (Texas A&M) discussed the inclusion of an AI assignment in XY medical students' grand rounds classes to help them identify the strengths and weaknesses of AI in medical interventions.
- **Lauren Todd** (Washington University in St. Louis) discussed her work using AI to identify standards appropriate to the field of inquiry, but noted that ChatGPT did sometimes produce non-existent standards.
- **Jamie Niehof** (University of Michigan) discussed their lengthy development process in designing two AI presentations—one on the use of AI for library research and the other on the use of AI tools in literature discovery and summarization.

### ELD Welcome Reception & Dinner

The ELD Welcome Reception was sponsored by IEEE and was hosted at the Ecotrust Building. A sunny, rooftop cocktail hour was followed by a delightful banquet dinner and a birthday cake to celebrate 140 years of IEEE! Thank you to Denice Lewis for coordinating the evening!

### TUESDAY, JUNE 25

#### ELD Business Meeting

Notes from the ELD Business Meeting begin on page 19. Thank you to SAE which sponsored a delicious breakfast buffet and to IEEE, McGraw-Hill, Elsevier, ASTM, IET, and SPIE for sponsoring travel stipends. Finally, we are grateful to ASTM for sponsoring the Bernhardt Award.

#### Panel: Opaque & Unreproducible Systematic Reviews

In the panel discussion "Opaque and Unreproducible Systematic Reviews – Oh No! How Librarians Can Support Evidence Synthesis Projects in Engineering," panelists **Jason B. Reed**, **Dave Zwicky** (Purdue University), **Erin M. Rowley** (University at Buffalo), and **Marina Zhang** (University of Iowa) provided an insightful overview of systematic reviews and their research on the formality of systematic reviews and evidence synthesis within engineering. Systematic reviews utilize data from multiple research outputs to answer specific research questions and are considered a top

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

tier of evidence-based practice when conducted well. The key methods that define a systematic review are research protocols, a list of databases used, a defined search strategy/string, defined inclusion criteria, and a team of researchers for the review. Transparency and reproducibility were underscored as essential elements.

The presentation also discussed their study that explored two research questions: to what extent is the systematic review (SR) method being applied in engineering disciplines, and how closely are SRs that are published in engineering disciplines following established guidelines? They examined over 3,000 articles for their final study, revealing mixed adherence to SR guidelines. Common shortcomings in engineering SRs included inadequate searching practices and reporting issues. The panel suggested that librarians can significantly improve SR quality by serving individually as consultants or co-authors and programmatically by developing awareness and training for engineering researchers in formal SR methods. We thank AWS for their sponsorship of this session. [[View Resources](#)]

### Technical Session 2

Thank you to Technical Session 2 sponsor Overleaf for their support.

**Eric Prosser** (Arizona State University) shared “A Qualitative Analysis of Library Chat Reference Transcripts: Examining Engineering Student Queries within the Information Seeking Process.” He mapped students’ chat queries from a full academic year to stages of the Information Search Process, and compared results from undergraduate and graduate students. Takeaways: grad students used chat at a higher rate; grad students’ questions were generally higher level; undergrad queries increased in complexity as the year progressed; and students associated the library with ingesting/getting information, but not as much with digesting information. [[View Slides](#)] [[View Paper](#)]

**Adam Lindsley** (Oregon State University), **Dr. Shalini Ramachandran** (Loyola Marymount University), and **Sheree Fu** (California State University, Los Angeles) presented “Engineering Data Repositories and Open Science Compliance: A Guide for Engineering Faculty and Librarians.” The team identified and examined 35 engineering-specific data repositories against basic and NTSC criteria for data sharing. A number of challenges with existing repositories were identified, and recommendations included a need for more robust and diverse engineering data repositories in order to support engineering researchers meeting the requirements

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

of the Nelson memo. The team published [Engineering Data Repositories and Open Science Compliance: A Guide for Engineering Faculty and Librarians – Repository List](#) to communicate their findings. [[View Slides](#)] [[View Paper](#)]

**Dr. Jacob Preston Moore** (Penn State, Mont Alto) presented "Insights and Lessons Learned from Engineering OER Authors" on behalf of co-author Dr. Daniel W Baker, PhD P.E. (Colorado State University). They used ELD's Open Textbook guide to identify 77 OER authors, who were invited to complete a survey about their OER authoring experience. They shared results around inspiration and motivation, design choices, authoring support, challenges and barriers to OER authorship, and professional impact, as well as recommendations for potential OER authors and administrators around how to support them. [[View Paper](#)]

**Dr. Chasz Griego** presented "Introducing Students to Research and Reproducibility with Open Science Tools" on behalf of co-authors Cheng Zhang, Wenchao Hu, Ziyong Ma, and Andy Ouyang (all from Carnegie Mellon University). Dr. Griego shared an overview of his course in which students learn about the scientific method, research life cycle, open science frameworks and tools, and hands-on reproducibility using tools discussed in the course including protocols.io, Code Ocean, and OSF. [[View Slides](#)] [[View Paper](#)]

### Technical Session 3

Thank you to ACS for sponsoring this session.

As evidence synthesis papers are becoming more common in the engineering fields, **Dr. Sarah Over** and **Cozette Comer** of Virginia Tech developed the paper "Constructing Consistent Comprehensive Searches in Large Engineering Databases – Tips and Recommendations for Literature Reviews." Their paper highlights the nuances required when developing search strings in Engineering Village, IEEE Xplore, and the ACM Digital Library. Evidence synthesis requires clear documentation at all stages to create transparent, methodological, and reproducible searches and better understanding these differences will lead to more successful searching. [[View Paper](#)]

Oregon State University discontinued access to Elsevier and **Hannah Rempel**, **Adam Lindsley**, and **Taylor Ralph** explored how this impacted their community in the paper "Engineering Research in Transition: Assessing Research Behavior while Adapting to Access Changes in Library Resources." Through a survey, direct observation, and interviews they found that people primarily used Google Scholar,

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

Google, Primo, and IEEE Xplore for their top searching locations. If a paper was unavailable for full access, respondents turned to open online resources (such as ResearchGate), professional organizations, and friends at other schools before asking for help from the library. Overall, they found that faculty understood and supported the library's pause in access to Elsevier products and the library had provided other tools to continue to provide access to the needed information. [[View Slides](#)] [[View Paper](#)]

Treasure hunting for knowledge in gray literature is tricky and can require maps to find your way around! **Jamie M. Niehof, Sarah Barbrow, Paul Grochowski, and Luesoni Kuck** have developed just such documents in their paper "Gray Goldmine: Charting the Course to Engineering." Gray literature is information produced by government, academia, business, and industry where publishing for profit is not the intended purpose. Because of how they are published, shared and preserved it can be a challenge to locate documents. The University of Michigan has developed internal documents to guide library conversations around finding preprints, conference proceedings, technical reports, datasets, clinical trials, syllabi, and nuclear reactor logbooks. Bonus: if your campus once or currently has a nuclear reactor - reach out to the authors so we can see which institutions have log books and what can be possible to preserve these historical records. [[View Slides](#)] [[View Paper](#)]

**Jeanette M. Mueller-Alexander** (Arizona State University) highlighted the challenges of searching for Indigenous knowledge in "Kiva Construction: Tracking Indigenous Techniques Using Article Indexing and Classification—Research in Progress." The tradition of oral history to share knowledge across generations means not much was ever written down in the first place among Indigenous people. What has been documented faces the double challenge of vocabulary that has been reused in colonial languages and most of what has been documented was by non-native people. Because of this, existing controlled vocabulary is inadequate for searching in databases and the way American Indians organize and maintain data is incompatible with current systems. [[View Slides](#)] [[View Paper](#)]

### **ELD Annual Banquet**

The ELD Banquet, sponsored by Elsevier and organized by Marina Zhang, was hosted at the Portland City Grill. Views from the 30th floor included the Portland Skyline and Mount Hood!

# 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

WEDNESDAY, JUNE 26

## Technical Session 4

Thank you to TechStreet for sponsoring this session.

AI Literacy is a skill that needs to be taught in the classroom. **Dr. Uri Feldman** and **Callie Cherry** (Wentworth Institute of Technology) collaborated to develop such a module for the Introduction to Engineering Course (ENGR 1100) with the successes documented in their paper “Equipping First-Year Engineering Students with Artificial Intelligence Literacy (AI-L): Implementation, Assessment, and Impact.” The learning objectives for the module were to first understand how AI worked and its strengths and weaknesses and secondly the ethical considerations around the tools. Focusing on analyzing the writing style, context, creativity, grammar and syntax, and logical coherence students went from 50% accuracy for identifying AI content to 70% accuracy in the post test. Overall, the module was successful as students were able to both be better equipped to recognize AI content and have a deeper understanding of the role of AI in the classroom and professionally. [[View Paper](#)]

**Sarah Park** and **Monica Carroll** (University of Illinois at Urbana-Champaign) presented “Exploring Generative AI and Natural Language Processing to Develop Search Strategies for Systematic Reviews,” where they explored the ability of generative AI to be used to develop keywords for systematic review searches. They compared ChatGPT with their own Natural Language Processing (NLP) analysis of abstracts, titles, and keywords to compare how the generative AI tool performed for the generation of keywords for a comprehensive search for a health topic. They concluded that ChatGPT was not as reliable as NLP for generating keywords but that it did have several advantages over NLP. These advantages included ChatGPT's being conversationally based, requiring no coding knowledge, and having an easier approach for the less-experienced user. Use of ChatGPT suffered from the known issue of hallucinations and did require a user with subject knowledge to assess the reasonableness of suggestions. [[View Slides](#)] [[View Paper](#)]

The “Work in Progress: Exploring the Impact of Generative AI on Information Seeking Behavior of Engineering Students” by **Matthew Frenkel**, **Hebah Emara**, **Amanda He**, **Lindsay Anderberg** and **Samuel R. Putnam** is looking to understand how ChatCPT impacts information seeking behavior of engineering students who use ChatGPT and what implications that might have for lifelong learning and engineering education.

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

This is a two phase study with phase one examining what are ChatGPT's capabilities against FE and course exams with the student perceptions of how it expects to do. Students assumed it would struggle with these complex questions but actually GPT4 scored between 60-100% on FE Exams depending on subject area. Phase two involves direct investigation into students' use of ChatGPT with a pre-survey, observation session, and a post-survey. At the time of presentation they had completed 9 observations and were working to develop a code book. The goal is that the tools and processes developed for this project can be replicated in other institutions to expand the study. [[View Slides](#)] [[View Paper](#)]

Performing citation analysis is a research method for modeling information behavior in STEM, and the University of Cincinnati Library has been publishing Mechanical Engineering Technology (MET) Senior Capstone Reports since 2017 in the institutional repository. **Mark Chalmers** and **Aja Rachel Bettencourt-McCarthy** worked to perform citation analysis on these reports and compared the human developed analysis vs AI generated analysis in their paper "Uncovering Information Behavior: AI-Assisted Citation Analysis of Mechanical Engineering Technology Senior Capstone Reports." The overall conclusion was that with current AI tools human oversight was critical to the extraction process. The AI tools struggled to extract data from bibliographies due a variety of issues such as being poorly formatted, containing a variety of citation styles, use of bold words, and shifting between single spaces vs double spaces. However, the AI was useful for cleaning and visualizing the manually extracted data. Performing the analysis demonstrated that 2/3 of the 900+ citations were from websites, with the conclusion being that students preferred convenience over quality. This project was successful, as while AI struggled with the data construction process, it established workflows with the hope future AI models will improve. [[View Slides](#)] [[View Paper](#)]

### Technical Session 5

Thank you to Begell House for sponsoring this session.

**Rebecca Glasgow** (University of Nevada, Reno) presented "A Collaborative Approach to Implementing Design Thinking and Rapid Prototyping in a High School Engineering Camp." She gave an overview of design thinking workshops in three contexts – makerspace sessions, Mechanical Engineering camp, and Introduction to Engineering camp – to get high school students thinking about not just making, but making for people. Students worked through all five stages of the design thinking process using basic makerspace materials and equipment. She described challenges around limited staff and time management. [[View Slides](#)] [[View Paper](#)]

## 2024 ASEE ELD ANNUAL CONFERENCE REPORT (CONTINUED)

**Ryan Ball** and **Dr. Kate Mercer** (University of Waterloo) presented “Rebranding the Library Through Engineering Outreach: Three Case Studies at the University of Waterloo.” Case study #1 was a Biomedical Stakeholder Café which used a human library model to match capstone students with stakeholders to help with their design process, and instruction on how to talk to them. Case study #2 was Multifaceted Wellness Support, in which Ryan partnered with university wellness staff to connect with students to reduce research-related stress and support them more holistically. Case study #3 is Foundational Entrepreneurship Instruction and can be read about in the paper. [[View Slides](#)] [[View Paper](#)]

**Amy Kurr** (University of Tennessee – Knoxville) presented “Technical Standards in Engineering Education: Present Challenges Across Professional Sectors.” With Jimmy Landmesser Jr., they surveyed 201 folks in the professional sector to gather information and feedback to inform their work to create free, open, customizable standards education curriculum. Analysis was focused on challenges, and importance of technical standards education, and findings were presented. Amy is also looking for reviewers to give feedback on the content of the course. [[View Slides](#)] [[View Paper](#)]

**Dr. Jason M. Keith** and **Lis Pankl**; (Mississippi State University) presented “The Role of University Research Libraries on Improving Education in Science, Technology, Engineering, Arts and Mathematics: A Focus on Institutional Collaborative Culture.” They provided an overview of how the library is working with partners across campus to create, renovate, and dedicate library space to support the university’s strategic plan to create more touchpoints and collaboration opportunities with students across the lifecycle. [[View Slides](#)] [[View Paper](#)]

### **Extended Executive Committee Meeting**

Notes from the ELD Extended Executive Committee Meeting begin on page 25.

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## AWARDS COMMITTEE UPDATE

Best Conference Paper – after a review of, and deliberations on, the papers nominated, the committee decided not to give out an award in this category this year.

Best Conference Poster winner: Developing a User Experience Study (Work in Progress); James M. Cox (The University of Iowa) and Kari Kozak (The University of Iowa). [[View Poster](#)].

After thorough deliberation, the committee felt that the poster—showcasing how a user experience/space study was done at the presenters' library—stood out for its well-organized layout, which effectively balanced text and visuals, making the content accessible and engaging to its audience. The choice of colors, compelling graphics, and images complemented the text, and nicely conveyed the information the authors wanted to share about the ongoing work in their library, and set the poster apart from the others.

Additionally, the poster presenter demonstrated a deep understanding of the subject matter, and so was able to satisfactorily answer all the questions posed by the team of poster reviewers. Thus, the combination of visual appeal, informative content, and the presenter's clear explanation of the topic, made this poster stand out as the best at the conference.

Member News: the committee says goodbye to Erin Rowley, and welcomes Ally Wood, Engineering Librarian, University at Buffalo.

Sylvia Jones  
*Chair*

## COMMUNICATIONS COMMITTEE UPDATE

Hello, ELD Friends! We are Sarah Barbrow from the University of Michigan and Jentry Campbell from Dartmouth, and we are your new Communications Co-Chairs. We are responsible for gathering news, updates, and information for you all in the newsletter. For those new to ELD, we send the newsletter in September, December, March & May. [The archive can be found here](#). If you have committee updates, please send them to us ([communicationseld@gmail.com](mailto:communicationseld@gmail.com)) in the month preceding publication. We appreciate all the work everyone puts into our community!

## WEB COMMITTEE UPDATE

Web committee members: Jean Bossart, Haoyong Lan, Mike White, Li Zhang.

Web committee Chair: Yuening Zhang

1. The Web Committee maintained the ELD website, including updating annual conference information and updating information from other ELD committees as requested.
2. We established a webpage for the ELD secretary/treasurer and director elections in March 2024.
3. We collected ELD annual conference presentations (talks and posters) on the [2023 ASEE ELD OSF meeting\\_page](#).

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## ELD ANNUAL BUSINESS MEETING

Engineering Libraries Division

2024 Annual Business Meeting

Tuesday, June 25, 2024, 9:15 - 10:45 A.M. (EST)

Location: Ballroom 202 Oregon Convention Center

Lisa Ngo called the meeting to order at 9:25 AM

Report from PIC I Chair, Elliot Douglas Conference Report

- 5 PICs, 10-12 Divisions per PIC. Serves as liaison between ELD and Board of Directors
- Conference attendance for the 2024 conference is approximately 4,000 attendees with roughly 1900 papers.

Updates from the Board Meeting

- Working on the next strategic plan (the last one sunsetted in December 2023).
- Draft set of priorities: looking at member services to improve member experience, increased membership, financial security.
- Will vote to adopt tomorrow at the Board meeting.
- Currently around 9,000 members (8,783). We gain just under 200 members per month, but we also lose the same number. So why are people not renewing? What can be done to keep them?
- Two new member grades: Senior Member, and Distinguished Member (set of metrics for each). You would self-nominate and self-attest that you meet the requirements. No change in services or membership dues, but there would be small perks.

# ELD ANNUAL BUSINESS MEETING (CONTINUED)

## Finance Report

- Lot of work to decrease costs and increase revenue.
- Had 55 staff, down to 35 staff due to layoffs and attrition. Worked very hard to ensure there was no change in service. A testament to the hard work of the ASEE staff.
- Reduced ASEE rent by 1/3 by working with the landlord. They are moving to a smaller space in the same building this summer which will cut rent in half again.
- The big unknown is financial audits. Currently playing catch up. Completed two audits this year and expected to be caught up by December 2025.
- We will owe the federal government, but we don't know yet what that amount is.
- Future Committee formed in the wake of what happened, made a number of changes to constitution, bylaws, and financial policies. Recently approved these changes. This was done for better oversight and management. The Board now has access to accounts, where they didn't previously, and they are checking regularly.
- BASS Accounts update: not frozen, the money is gone. They were co-mingled with Operational Accounts so when that was spent, the BASS Account was spent.
  - This issue has been fixed for going forward.
  - In terms of payback, the uncertainty is what is owed to the federal government. Once that is done, there will be a plan on how to pay back the BASS accounts.
  - Division Treasurers should be getting quarterly updates and will know how much money is owed back.

## Other Updates:

- Did not hear about any issues with the Nemo system this year.
- Divisions are welcome to fundraise.
- COI Policy – papers submitted by program chairs are now handled by PIC Chair.
- Distinguished Lectures – each division can have one Distinguished Lecture (there were 7 in 2024; ELD did not have one, but we urged to consider it).
- Provided dates for paper deadlines for the 2025 conference. Dates will be earlier to help with cash flow.
- Provided information for the Division Chair on officer updates. We were asked to provide information on new officers by July 1.

## Best Papers Report

- Chemical Engineering Division won Best PIC I Paper in 2024.
- First Year Program Division won Best ASEE Conference Paper in 2024.

## ELD ANNUAL BUSINESS MEETING (CONTINUED)

### ELD Feedback to PIC Chair:

- Clarification question about the increase in dues. That will still take place. They did a benchmarking study against other organizations, and we are quite low in comparison.
- Question about lower registration fees for librarians. The board is aware of the request, but some work would need to be in the system to make that happen. Asked about lowering registration for everyone. That has not been discussed by the Board.
- Question about the very early registration date. Was that to help with cash flow? Yes.
- Question about discounts for presenters. That is not something ASEE can do at this time.
- Question about membership dues if a sliding scale has ever been looked at (in terms of salaries). Interesting idea but has not been considered. Some other ideas have been floating around to help with cost, but they are just ideas at this point.
- Question: were the BASS accounts earning interest? Will we be repaid for interest? No, accounts were not earning interest. There used to be a tax (30%) on BASS accounts
- Question: has any consideration been given to running the numbers if they lowered the registration costs and more people came, would that help with cash flow?
  - Follow up – could they do a survey? Could they experiment with lowering registration even more for early registration?
  - That is not something that can be done now.
- We can be siloed as the ELD group. Wanted to hear more about the potential for joint sessions between divisions. Potential for regular meetings of Program Chairs for PIC I to determine cross-cutting topics. Some of the topics offered by ELD members are covered by divisions in other PICs, but we can work on that.

### AGENDA

#### Approval of *Minutes of the 2023 Business Meeting*

- Minutes of the 2023 Business Meeting were published in the September 2023 Division newsletter. Erin Rowley voted to approve, and the move was seconded by Kari Kozak. The minutes were approved.

## ELD ANNUAL BUSINESS MEETING (CONTINUED)

### Division Chair Report, Lisa Ngo

- Very happy to announce Chelsea will be Division Chair next year. She has been amazing as Program Chair this year.
- If interested in Secretary/Treasurer or Director for next year, please see Lisa.
- A few committees are also looking for new members. If interested, reach out to or find the committee chair for more information.

### Program Chair Report, Chelsea Leachman

- Have about 90-100 ELD attendees.
- Total of 36 papers this year. Thank you to all the reviewers! A great way to be involved is to be a reviewer; please contact the Publications Committee if you are interested.
- Margaret Phillips is the incoming Program Chair and will be sending a survey following this conference so please provide feedback.
- Thank you to the planning committee!

### *Secretary/Treasurer's Report, Margaret Phillips (absent)*

- No update. See May newsletter for last report

### *Committee Report Updates*

- Accreditation and Standards, Jay McAllister - Working on creating an outline on AI instruction for engineering students.
- Archives, Zach Painter - No update.
- Awards, Sylvia Jones - The open position on the committee has been filled. Will be looking at award criteria going forward to provide additional clarity. See also below for award announcements.
- Communications, Denise Wetzel - Did 4 newsletters this year - thank you to everyone who contributed. This was Denise's last newsletter as she was elected Director. Jentry Campbell and Sarah Barbrow are taking over for the next two years.
- Development, Michelle Spence - Not present. Per Mel, no update.
- Diversity, Equity, and Inclusion, Sarah Lester - DEI Committee working on member survey coming out later this summer, early fall. Looking to understand what work members want us to do. The committee also selects the Best DEI Conference Paper - all papers are considered. Then sent up to best PIC DEI Conference Paper.

## ELD ANNUAL BUSINESS MEETING (CONTINUED)

- Electronic Discussion Lists, Mel DeSart – No update beyond May newsletter. ELD runs two email lists. ELD-L (everyone joins when they join the Division). There is also ELDNET-L. About 40 ELD members are not subscribed so they may want to consider subscribing.
- Electronic Voting Administrator, Eric Schares – No update beyond May newsletter.
- Membership, Li Zhang – 240 members in 2024.
- Membership Directory, Paula Johnson – Not present. Assuming no update.
- Professional Development, Kevin Drees – No update.
- Publications, Sarah Over & Willie Baer – Thanks to reviewers; there were many papers this year. Didn't hear any complaints about Nemo this year. Please contact Sarah or Willie if interested in reviewing.
- Scholarly Communications, Mel DeSart – No update beyond May newsletter. OA policies of 25 publishers and societies will be updated by the group in November. Will cover AI now as well.
- Webmaster, Yuening Zhang – Maintained ELD website with conference information and committee updates/changes. Updated with candidate information for elections in March. Added ELD 2023 conference information on OSF.

### ELD Mid-Year Event – “ELD: The Gathering,” Kari Kozak & Shelby Hallman

- Started two years ago when someone anonymously suggested a roundtable event.
- Amy VanEpps and Kari moved forward with planning the event. Shelby joined as co-chair.
- Two-day event held in mid-February virtually. Lightning talks and round tables. Fun events like scavenger hunts and trivia. Speed networking.
- 128 registrants. 49% were newer ELDs (<5 years).
- The theme was “The Gathering” based on Magic: The Gathering. Eric Prosser designed some really cool cards!
- The planning group met weekly from November to early February.
- Thank you to the committee: Mel DeSart, Jill Lagerstrom, Ashley McNeill, Elizabeth Novosel, Eric Prosser, and Sarah Weiss.
- Trivia winner: Roman Koshykar; Scavenger hunt winner: Laura Mosher.
- See update in March 2024 newsletter for additional information.

### *New business, Lisa Ngo*

- Working with Bernadette Ewen, Sarah Lester, and Sylvia Jones on a DEI travel grant.
- Very close to finalizing things – will provide more information soon.
- Travel funding would be for 2025 conference.

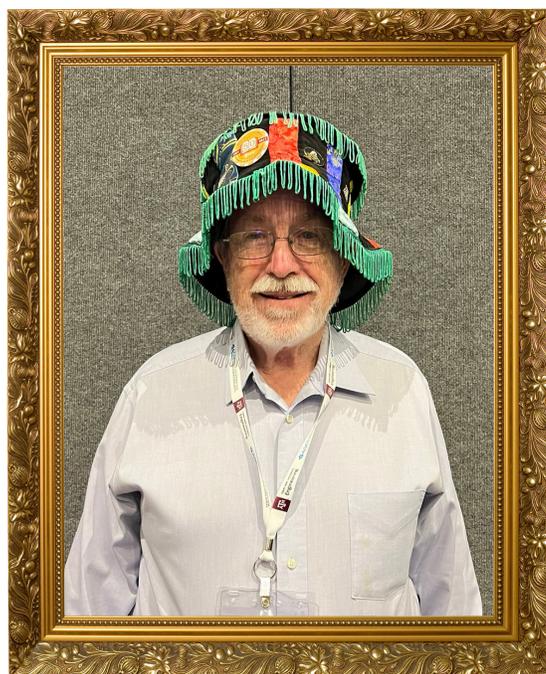
## ELD ANNUAL BUSINESS MEETING (CONTINUED)

### Annual Membership Recognition

- Long-term Member Recognitions, Membership Committee
  - Mel DeSart, 35 years
  - Christina Byrne, 30 years
  - Carol Salomon, 30 years
  - Deborah Helman, 25 years
  - John Teleha, 25 years
  - Linette Koren, 20 years
  - Debbie Morrow, 15 years
  - Christina Spence, 15 years
  - Julie Arendt, 10 years
  - Randall Halverson, 10 years
  - Chelsea Leachman, 10 years
  - Zachary Painter, 10 years

### Awards Presentation and Recognitions

- Awards Presentations, Sylvia Jones, Awards Committee Chair
  - Best Poster Award: Developing a User Experience Study, Kari Kozak & James Cox (University of Iowa)
  - Innovation in Access to Engineering Information Award: Teaching & Collecting Technical Standards, Chelsea Leachman (Washington State University), Erin Rowley (University at Buffalo), Margaret Phillips (Purdue University), & Daniela Solomon (Case Western University)
- ELD Early Career Award: J. Denice Lewis, Wake Forest University
- Best DEI Conference Paper: Tracking Indigenous Techniques Using Article Indexing and Classification—Research in Progress, Jeannette Muller Alexander (Arizona State University)
- ELD Best Publication: Impact of the 2022 OSTP Memo: A Bibliometric Analysis, Eric Schares (Iowa State University)
- Homer I. Bernhardt Distinguished Service Award (Pictured Right): Bruce Neville, formerly of Texas A&M
- 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. Over \$16,000 in support!
  - 12 stipend award winners this year. The 2024 stipend award winners are: Elizabeth Dawson, Kristine Duncan, Chasz Griego, Yuqi He, Heather Howard, Sylvia Jones, Haoyong Lan, Zoeanna Mayhook, Paul McMonigle, Lisa Ngo, Elizabeth Novosel, and Denise A. Wetzel.



Homer I. Distinguished Service Award Winner Bruce Neville

## ELD ANNUAL BUSINESS MEETING (CONTINUED)

- McGraw-Hill sponsors the 2024 ASEE Annual random drawing, with two winners and three alternates. 54 people signed up (53 ultimately eligible). The winners were Sarah Lester and Sara Kern. Alternates are Chelsea Leachman, Denise Wetzel, and Julia Gelfand.

### Announcements

- No announcements.

Close of meeting. John Teleha motioned. Kari Kozak seconded. Ended at 10:47 am.

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## ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING

ELD EEC Meeting

Wednesday, June 26, 2024

3:45 PM – 5:15 PM

Hyatt Regency Portland, Columbia 1

Present: Chelsea Leachman (Division Chair), Lisa Ngo (Past Division Chair), Erin Rowley (Secretary/Treasurer), J. Denise Lewis (Director), Denise Wetzel (Director & Outgoing Communications), Mel DeSart (Scholarly Communications & Listservs), Sylvia Jones (Awards), Sarah Barbrow (Communications), Jentry Campbell (Communications), Marina Zhang (Outgoing Director), Sarah Over (Publications), Willie Baer (Publications), Zach Painter (Archives), Kevin Drees (Professional Development), Mathew Frenkel (Accreditation and Standards), Yuening Zhang (Web), Ashley McNeil, Shelby Hallman, Kari Kozak

Chelsea Leachman called the meeting to order at 3:52 PM.

### APPROVAL OF THE 2023 EEC MEETING MINUTES

The EEC approved the 2023 Extended Executive Committee meeting minutes.

- Sylvia Jones motioned to approve. Sarah Over seconded. Minutes approved.

### NEW BUSINESS/UPDATES

- Mid-year ELD event standing committee (Kari Kozak & Shelby Hallman)
  - A summary of the first mid-year event, ELD: The Gathering, was provided at the ELD Business Meeting
  - Feedback was positive, especially for new ELD members as it helped introduce them to current members ahead of the ASEE Annual Conference.
  - The plan continues to be to have the Mid-Year Event to be open to only ELD members as it's a member perk (especially for those who cannot attend ASEE in person).

## ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING (CONTINUED)

- Discussion regarding timing/scheduling
  - Tricky to find a good time with semester vs quarter scheduling.
  - Time was needed to plan as planning started in October.
  - February and October/November were fairly evenly split in terms of survey responses.
- Question raised – should this group be merged with the Professional Development Committee?
  - Professional Development has a full plate already with webinars and mentoring program.
  - Suggestion to ensure that there is a member on the ELD Mid-Year Committee who is also on the Professional Development Committee.
- Willie motioned to make the Mid-Year Event Planning Committee a standing ELD committee. Denise W. seconded. All in favor. None opposed. Motion passed.
- Chelsea to work with Kari regarding drafting the Committee information.
  
- Diversity Travel Grant (Lisa Ngo)
  - Worked with several people: Sylvia, Bernadette, Sarah Lester.
  - AAAS agreed to sponsor \$1500 USD.
    - Not quite enough so Lisa worked with Patti from ASEE to waive the registration fee for the recipient
      - Question was raised: Will this be noted anywhere in case there are personnel changes within ASEE? Lisa will check on this
  - The Diversity Travel Grant will launch in 2025 (before travel stipends are announced so if applicants don't receive it, they can still apply for travel stipends).
  - Guaranteed slot in the Lightnings Talks if they so choose.
  - Current committee chairs have already seen the criteria.
  - This is only one year so far as we weren't sure this would really happen.
  - Question: How this will be promoted?
    - Traditional listservs (STS, etc.).
    - Open to non-ELD members but they would have to join ASEE.
    - There is a spreadsheet of library school listservs Lisa is aware of, as well. And ELD members can help promote with library school students as well.

# ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING (CONTINUED)

## COMMITTEE REPORTS

### Accreditation and Standards, Mathew Frenkel (Chair)

- Survey sent last year about updating the LibGuide for ABET. About 2-3 dozen people responded.
- Working on developing a framework for teaching AI to engineering students.

### Archives, Zach Painter (Chair)

- Planning to go visit Kari to visit archives at UMass. No longer need to mail things to California.
- OSF project for committee information. This project started last year so this is the first year to rotate ownership by committee chairs.
  - There is a recording from when Daniela, Yuening, and Marina conducted a training. Lisa can send this out for new chairs.
  - Chelsea to set up a meeting in August.

### Awards, Sylvia Jones (Chair)

- Changes could be forthcoming to criteria to make things clearer when people submit nominations.
- Suggestion to name ELD Early Career Award after member Christine Drew. This will be discussed separately to figure out the details.

### Communications, Denise Wetzel (outgoing Chair), Sarah Barbrow, Jentry Campbell (Incoming Co-Chairs)

- 4 newsletters sent out this year.
- Big thank you to everyone who contributes and sends updates on time. It's a fast turnaround and it makes a big difference.
- The new Gmail account for updates has been wonderful.
- Sarah and Jentry are excited to do this and do this together.
- Will be getting together to set a checklist for each month.
- Denise did a great job moving editing to Canva for live editing/corrections.
  - Michigan will be hosting on their account
- Question – has anyone ever redesigned the ELD logo? A colleague of Sarah's agreed to help if we decide to try redesigning.
  - Per Mel, a redesign would be at the discretion of the membership, but first the EC and EEC to grant permission to do so. But it's been quite a while since we designed it.
  - Question was asked about a copy of the logo with a transparent background. Erin said Awards Drive folder has a copy with a transparent background.
  - Per Chelsea – not opposed to a redesign.

# ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING (CONTINUED)

## Development

- Not present, no updates beyond May newsletter.

## Diversity, Equity, and Inclusion, J. Denice Lewis

- Survey to be sent out to the membership to develop content, programming, etc. related to DEI
  - Hope to send out an update before the end of summer
- Best DEI Conference Paper – documented the process but the committee wants to communicate that information to members so they are aware.

## Electronic Discussion Lists, Mel DeSart (Chair)

- No update beyond May newsletter.

## Electronic Voting Administrator (Not present)

- Not present, no updates beyond May newsletter.

## Membership (Not present)

- Not present, no updates beyond May newsletter.

## Membership Directory (Not present)

- A new membership directory will be released after the conference.

## Professional Development, Kevin Drees (Chair)

- Session on AI to be held in July.
- Fall – Planning a session on data (data management and storage). And another on how to purchase datasets.
- Spring 2025 – session on promotion packets.

## Publications, Sarah Over (Outgoing Chair), Willie Baer (Incoming Chair)

- Sarah is stepping off after 3 years; Willie Baer is taking over.
- Thank you to those who volunteered – 6 new volunteers to the committee.
- ELD is growing again so more papers are being submitted and therefore more reviewers are needed.
- There is some worry regarding the new timeline for abstract and paper submissions that was announced at the Business Meeting and how that will impact things.
  - But it could be included in the September newsletter if it's earlier

# ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING (CONTINUED)

Scholarly Communications, Mel DeSart (Chair)

- Planning to add AI policies to existing OA policies (as mentioned at Business Meeting).
- The committee revises every 6 months.
- Any publishers who are going to revise license agreements are going to do it in the fall. So there will be more content in a few months.

Web, Yuening Zhang (Chair)

- Michael White presented an idea to host an area on the website related to engineering librarian biographies. This is still being worked on.

## 2024 ASEE ANNUAL CONFERENCE FEEDBACK

- Marina provided numbers on the Banquet from last night.
  - 107 pre-registered. 96 attended in person, 20 no-shows, and 9 on-site registrations.
  - Cost covered by Elsevier (typically Elsevier paid ELD and then ELD paid the bill). This was much easier having Elsevier pay directly.
- Positives:
  - Teaching exchange for AI was great. 6 minutes was the sweet spot.
    - Question: Could we make the regular Lightning Talks longer? This has been discussed before and can be re-visited.
    - Small negative: Having the Lightning Talks and Teaching Exchange back-to-back it was a lot of content to absorb in a short amount of time. Chelsea agreed. This will be noted with the Conference Planning Committee for 2025.
  - Question: In the past, there was mention in the tri-fold of plenary, but not this year. Is there a reason? ITH (Interdivisional Town Hall) wasn't included either but it usually clashes with our own ELD sessions.
    - It has varied in the past but it's getting increasingly difficult with how much information there is to communicate in the tri-fold.
    - Communications offered help. Other options could be discussed such as changing the size (8.5 x 14 size instead) or making the tri-fold digital. People like the physical copy usually. Other suggestions were offered as well.
  - Other than the first session (which had lunch included), the rooms were a fairly good size.
    - We include anticipated attendance and Chelsea over-estimated, but we still were assigned the smaller room for that first session.

## ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING (CONTINUED)

- In Minneapolis there was an open office session. Maybe not every year but it was really useful for new engineering librarians.
- Suggestion to also include information from committees and EC
  - Could be a Professional Development session a month before the conference so as not to take up a conference session slot.
    - Could be a recording especially just on the structure of ELD
- There hasn't been a great way to identify who is a new member attending
  - ASEE has not wanted to share who is coming to the conference with divisions because members are often members of multiple divisions
  - Membership will be notified of a new list of members in July.
    - If you register for the conference as a non-member at a higher rate, some of that rate goes toward one year of membership. Then the new members don't know they have to pay the additional \$5 to join ELD.
  - If we advertise on the ELD listserv then we will hit the majority of folks.
  - Need to advertise the conference buddy program right before the conference too (in addition to newsletter as it can be overlooked).
    - Same for friendly review service too – it's often missed.
- ELD Food was great! Especially for vegetarians.
  
- Negatives:
  - Food from ASEE non-existent.

### 2025 ASEE ANNUAL CONFERENCE PLANNING

- In Margaret's absence, Erin provided the planning committee roster for 2025:
  - Margaret Phillips
  - Erin Rowley
  - Michelle Spence
  - Denice Lewis
  - Denise A. Wetzel
  - David Hubbard
  - Tara Mawhinney
  - Kari Kozak
  - Sarah Parker
  - Willie Baer
  - Jodi Bolognese
  - Ibronke Lawal



# ELD 2024 EXTENDED EXECUTIVE COMMITTEE MEETING (CONTINUED)

## GENERAL ANNOUNCEMENTS

- Per Lisa Ngo – Updated following the ELD Business Meeting – our PIC Chair did the math. If they reduced conference registration by \$100 they would need an additional 600 people to register to break even.
  - P12 Division got someone elected as PIC Chair and that got a little more visibility and traction to get a reduced rate
    - Michael White of ELD previously ran for PIC Chair
  - On the IT side they lost all of their developers and can't get them back.
  - Lisa to send out this info shared by the PIC Chair to the listserv.
    - New ELD members likely were confused as no back story was included. Lisa will include this information as well.
    - We did a report a couple of years ago and that can be included.
- Chelsea will send out a notice about OSF.
- Sarah Over sits on ASEE IT Advisory Committee
  - They would like to replace Peer but they don't have the bandwidth at this time.
  - Please be patient with things like DOIs being added, but they should be caught up from last year's conference.
  - Code on the backend is custom for ASEE, so this makes things tricky and time-consuming.
  - NeMo is also custom.
  - If they decide to replace, Sarah will tell them that ELD needs to be involved because of our knowledge of database systems.
- Question: Do we have representatives in other ASEE groups?
  - Interdivisional Town Hall rep is the Division Chair
  - We also have a rep for Scholarly Publishing which is currently Mel
  - CDEI representative that's tied into DEI Committee (think this is also wrong – check with Lisa)
    - They do something with local schools where the conference is held
    - Ashley McNeil volunteered to do this
- Denise Wetzel created a GIS Storymap about past Bernhardt Award winners. Should we add it to the website?
  - Yes. Denise W. will work with Yuening to add to the website.
- Lisa asked Communications about a repository for photos taken at Annual Conferences.
  - They are added to OSF.

Jentry motioned to adjourn the meeting; Sarah B. seconded.

Meeting adjourned by Chelsea Leachman at 5:09 pm

## AUGUST 2024 ELD DIRECTORY OF MEMBERS

The August 2024 ASEE ELD Directory of Members is now available. To download a PDF copy of the directory:

- Webpage <https://sites.asee.org/eld/member-directory/>
- Click on the link below the photo of the directory
- The password was included in Paula's August 13th email to ELD-L

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 any 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.

Thank you to Li Zhang (Membership Chair), Mel DeSart (Electronic Discussion Lists Chair), Yuening Zhang (Webmaster), and all other members who forward edits to help keep the directory current.

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## ELD NEW MEMBER UPDATES

**Emily Dommermuth** has been an Assistant Professor and Engineering, Science and Design Librarian at the University of Colorado Boulder for 8 years, since July of 2016. She is the liaison librarian for Engineering and Environmental Design. Her research interests include first-generation college students, research and data practices of engineering faculty and graduate students, and innovative information literacy and library engagement for STEM students. Emily has a Bachelor of Science from Colorado State University and a Master of Library and Information Science from the University of Denver.



## ELD NEW MEMBER UPDATES (CONTINUED)



**Laura Woods** is a PhD student with the Information School at the University of Sheffield, in the north of England. Her PhD research focuses on the information experiences of female engineering undergraduates. She is in the second year of her PhD and about to begin data collection. She has been a qualified librarian since 2008, and until recently was Computing & Engineering Librarian at the University of Huddersfield, UK. As of September 2024 she am taking a career break to focus full-time on my PhD studies. She looks forward to connecting with and learning from other members of the Engineering Libraries Division!

**Silvia Sheffield** is the Collections & Research Librarian for Engineering at NC State University. She manages collections that support research and teaching in a wide range of engineering disciplines. Silvia also coordinates a popular workshop series on academic publishing and has recently joined the collections team for OA agreements. She holds a B.A. in English and Dance from Oberlin College and an M.S. in Library Science from the University of North Carolina at Chapel Hill.



# Welcome

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.”

