Engineering Libraries Division

American Society for Engineering Education

MESSAGE FROM THE CHAIR

By Kari Kozak

Greetings ELD-ers,
I hope everyone is healthy, safe, and doing well. Well, 2021 has proven to be just as crazy a year as 2020 and is definitely keeping us on our toes. I truly appreciate how great our division has been with supporting each other and continuing to assist with recommendations, suggestions, and anything else that we all might need to be able to work through these times.

With the second year of the ASEE Annual Conference being virtual, it had its own challenges, but it was still great seeing and hearing from many of you. We were able to have 157 people register for various events throughout the week. There were 108 boxes mailed out to registered attendees across the United States and Canada. Due to the virtual format, we were able to make a few of the Division events free for anyone to attend as well as some social activities. I know some members were able to attend because it was virtual. For those that attended, I hope you were able to gain some insights, take home new concepts, share worthwhile ideas, meet many new engineering librarian colleagues, and explore sessions beyond ELD. The conference featured 14 technical papers presented over 3 technical sessions and 4 poster presentations. There was a wonderful workshop on LaTeX and Overleaf along with three great panels on Equity, Diversity, Inclusion, and Social Justice (EDISJ); Preprints; and Accreditation. Our free events featured 35 lightning talks, thoroughly engaging round table discussions, and our annual meeting. We hope the different social events helped with more informal introductions through our meet and greet, at-home scavenger hunt, and trivia competition. For papers and presentation slides and more information, please see our 2021 Annual Conference webpage.

Newsletter Highlights

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."

There were so many people involved in making the annual conference a success. I would like to thank the Program Planning Committee (Julie Arendt, Bernadette Ewen, Hema Ramachandran, Eric Schares, Daniela Solomon, Michelle Spence, John Teleha, and Amy Van Epps) for all their help. There was much to work through and figure out and then reconfigure through the year. There are dozens and dozens of others involved, including all the authors, reviewers, presenters, moderators, panel organizers, panelists, and attendees. There were 25 moderators this year to help with the unique challenge of a virtual format and this all wouldn't have happened without each and every one of you. Many thanks to the Publication Committee (Amani Magid - Chair), the Conference Travel Stipend Award Committee (Bernadette Ewen – Chair), and the Development Committee (Michelle Spence - Chair), and our sponsors (ACS, AIAA, ASCE, ASME, ASTM, AWS, Begell House, Elsevier, ICE, IEEE, IET, IOP, McGraw-Hill, Morgan & Claypool, Overleaf, SAE, SPIE, and Techstreet). It's truly amazing seeing it all come together. I truly appreciate all the individual service contributions ELD members make of their time, energy, expertise, and talents.

Since the conference concluded, we have been working on a few different projects that includes passing the Bylaws, creating a Dversity Committee, and changing the scope of the Newsletter Committee. The Engineering Libraries Division Bylaws have been passed through the ASEE Board of Directors on Sept 14, 2021. The new bylaws can be found at https://sites.asee.org/eld/about-the-eld/bylaws/. They feature a new section (Article III) related to diversity, equity, inclusion, and ethics. You will notice that the Bylaws discuss a Diversity Statement; this piece is still in the works. To help make this happen the Executive Committee has approved the creation of a new Committee for Diversity, Equity, and Inclusion. I would like to put out a call to anyone who would like to be on this Committee and, especially, chair the Committee. Please reach out and let me know. Below is the charge for this committee:

The charge for the Diversity, Equity, and Inclusion Committee includes the following:
- Promote the goals of diversity, equity, and inclusion in the Engineering Libraries Division of the American Society of Engineering Education.
- Partner with and support the work of the ASEE CDEI
- Facilitate communication and understanding among different constituencies, and serve as a division resource.
- Engage members to assess needs related to DEI; propose strategies for assessing progress.
- Draft and maintain the Engineering Libraries Division Diversity Statement to identify challenges and strengths in achieving DEI goals; and, make recommendations to the chair and Extended Executive Committee regarding ways to achieve DEI goals.

In addition to the DEI Committee discussions, Denise Wetzel and I have talked ,with EC approval, to change the Newsletter Committee to be the Communications Committee, where the Newsletter is a sub-committee under Communications. This change will add 1-2 people to the Committee to help with social media and work with the website committee to get information out in various other sources.

With this, there are many great opportunities for ELD members to get involved this year. We have various committees looking for members; below is a quick list of those looking for members and contact information. To learn more about the different committees, read the reports in this newsletter as well as see a full list of all committee and their charges at https://sites.asee.org/eld/about-the-eld/officers-committees/#committee.

MESSAGE FROM THE CHAIR

Committees Currently Looking for Members:

- Diversity, Equity, and Inclusion Committee: needing Chair as well as members – Contact Kari Kozak (kari-kozak@uiowa.edu)

- Award Committee: needing two more members – Contact Erin Rowley (epautler@buffalo.edu)

- Communications Committee (Formerly Newsletter): needing one to two members especially interested in social media and other avenues of communication – Contact Denise Wetzel (dawetzel@psu.edu)

- Accreditation and Standards Committee: could add one to two members if interested – contact Alison Henry (alison.henry@ualberta.ca)

- Scholarly Communication: could add one to two members if interested – contact Mel DeSart (desart@u.washington.edu)

Planning for the 2022 ASEE Conference in Minneapolis is underway. Daniela Solomon, our Program Chair, has already begun organizing and a call for papers has gone out. So please consider submitting an abstract, getting involved, and attending in 2022!

Please feel free to reach out if you have any questions.

Wishing you all the very best,
Kari (kari-kozak@uiowa.edu)

LOOKING AHEAD TO MINNEAPOLIS

Call for Papers ASEE 2022

The Engineering Libraries Division (ELD) of the American Society for Engineering Education (ASEE) is seeking abstracts for consideration for presentation at the 2022 Annual Conference & Exposition in Minneapolis, MN, June 26-29, 2022.

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:

- Assessment
- Collection Development
- Diversity & Inclusion
- Early Career
- Libraries and the Global Engineering Issues
- Instruction
- Open Science
- Outreach and Engagement
- Research Support Services
- Scholarly Communication
- Technical Standards

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.

Abstracts submission will open on October 11 and will close on November 8, 2021.

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 (EDI, transformative agreements, management, etc.), career planning, outreach, technical standards, instruction, etc. Special session proposals should include:

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

Submissions/proposals for the Special Sessions should be submitted to Daniela Solomon (daniela.solomon@case.edu) before the November 8 deadline.

CALL FOR NOMINATIONS

Call for Nominations – Secretary/Treasurer and Director

The ELD Nominating Committee would like to invite interested members to run for the offices of Secretary/Treasurer and Director. If you would like to nominate yourself or a colleague for either of these positions, or if you have any questions, please contact David E. Hubbard at hubbardd@library.tamu.edu.

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

Per ELD Bylaws: "The Nominating Committee shall submit a slate of candidates to the membership no later than the third Friday of February." "On or before the second Friday of March, ballots shall be made available to the membership electronically." (Note: the 2022 dates are February 18 and March 11, respectively.)

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. It's been my experience that those elected to the positions have had tremendous support of their ELD colleagues who served before them.

Below are more details about each office:

Secretary/Treasurer

Election to Secretary/Treasurer starts a four-year commitment to the ELD officer track. The ELD member elected in 2022 will assume office at the end of the Annual Business Meeting at the conference next June in Minneapolis , MN. The Secretary/Treasurer becomes the Program Chair at the end of the 2023 conference in Baltimore, MD, responsible for planning the 2024 conference in Portland, OR. At the end of the 2024 conference, the Program Chair becomes Division Chair and will serve until the 2025 conference in Montréal, Canada. At the end of the 2025 conference, the Chair becomes Past Chair/Chair of the Nominating Committee serving through the 2026 conference in Charlotte, NC.

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

Director

The Directorship is a two-year commitment. During their first year the Director organizes the ELD welcome reception. In year two the Director organizes the annual banquet. The person elected Director next spring will organize the welcome reception in 2023 in Baltimore and the annual banquet in 2024 in Portland. The Director is a member of the EC and the EEC during their entire two-year term.

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

Please don't hesitate to contact me with any questions at hubbardd@library.tamu.edu.
David E. Hubbard, Chair
Nominating Committee
(David E. Hubbard, Lisha Li, Willie Baer)

Monday, July 26

ELD kicked off the conference with the **ELD Meet & Greet** on the afternoon of Monday, July 26. Using Congregate as a platform, this social hour was the perfect way to for ELD members to mix and mingle before the all the sessions started. Throughout the conference, ELD used the ASEE-provided Pathable platform unless otherwise noted. Full-text copies of all papers are linked throughout this section in the **ASEE Papers on Engineering Education Repository (PEER)**.

The program then moved everyone into the ever-popular **ELD Lightning Talks** split over 4 sessions on Zoom. S*ylvia Jones* (Southern Methodist University) and *Mel DeSart* (University of Washington) served as program moderators, while *Holly Surbaugh* and *Jennifer Long* served as technical moderators.

Member Talks Block 1 (recording) included:

- *Julie Arendt* (Virginia Commonwealth University) "**Invention, Innovation and Entrepreneurship Librarianship without a Designated Librarian**."
- *Jodi Bolognese (*Northeastern University) "**Diversity, Equity and Inclusion in Biographical Databases**."
- *Joshua Daniel Borycz* (Vanderbilt University) "**Calculating Journal Overlap Between Engineering Databases**."
- *Susan Boyd* (Santa Clara University) "**Reorganizing a LibGuide for a Technical Writing Course to Parallel the Engineering Design Process and Adding a Social Justice Component**."
- *Erin Burns* (Texas Tech University) "**Adapting an Active Learning Library Research Session to Online Zoom Rooms**."
- *Erin Burns* (Texas Tech University) "**Online Yoga from Texas Tech University Libraries**."
- *John Canter* (Ohio University) "**No Biggie – Integrating Information Literacy in Over 250 Undergraduate Programs**."
- *Martin Dunlap* (West Virginia University) "**ULIB101-ENGR The First Class**."
- *Bernadette Ewen* (Rose-Hulman Institute of Technology) "**Textbook Project for Student Success and Student Cost Savings**."
- *Melanie Gainey* (Carnegie Mellon University) "**Applying Evidence Synthesis Methods to Engineering Topics**."

Member Talks Block 2 (recording) included:

- *Kelly Giles* (James Madison University) "**Collaborations Between Engineering and Business Librarians**."
- *Paul Hottinger* (Cal Poly Pomona) "**Targeting Senior Project Students with Information Literacy Workshops**."
- *Aleshia Huber* (Binghamton University) "**Customizing LibGuides for Engineering Design Courses**."
- *Kari Kozak* (University of Iowa) "**Capture the Creature: Gaming Library Instruction with a Digital Escape Room**."
- *Matthew Marsteller* (Carnegie Mellon University) "**Locating Engineering Collaborators on the African Continent Using SciVal**."
- *William H Mischo* (University of Illinois at Urbana-Champaign Library) "**Bento-Style Discovery Systems: Why are 46 University Libraries Employing Bento?**"
- *William H Mischo* (University of Illinois at Urbana-Champaign Library) "**The Grainger Engineering Library IDEA Lab Services and Facilities**."
- *Debbie Morrow* (Grand Valley State University Libraries) "**Teaching, Assessment, and COVID – Oh, My!**"

- *Linda Musser* (Penn State University) "**Cataloging the U.S. Atomic Energy Commission Depository Collection.**"
- *Eric Prosser* (Arizona State University) "**Creating a STEM Diversity Collection.**"
-

Member Talks Block 3 (<u>recording</u>) included:
- *Hema Ramachandran and Tracy Gilmore* (California State University, Long Beach) "**Supporting Open Access through Transformative Agreements.**"
- *Hema Ramachandran and Nicollette Brant* (California State University, Long Beach) "**Entrepreneurship@Beach.**"
- *Kelly Durkin Ruth* (United States Naval Academy) "**Critical Librarianship and Engineering – Where Are We?**"
- *Eric Schares* (Iowa State University) "**Introducing Unsub Extender.**"
- *Daniela Solomon* (Case Western Reserve University) "**Licensing of Industry-based Information Sources.**"
- *John Teleha* (North Carolina Agricultural & Technical State University) "**Equipping Students with Tools to meet their Virtual Needs during a Pandemic: Breaching the Digital Divide.**"
- *Alfred Wallace* (Chester Fritz Library, University of North Dakota) "**Artificial Intelligence and Virtual Reality Lab at the Library.**"
- *Tracy Zahradnik* (University of Toronto) "**Beyond Students: Using Library Outreach to Form Partnerships across Campus.**"

Sponsor Talks Block 4 (<u>recording</u>) included:
- *Skip DeWall* (Techstreet) "**Techstreet Enterprise.**"
- *Ruth Wolfish* (IEEE) "**IEEE: Helping Drive Innovation Forward in Uncertain Times.**"
- *Mark Reese* (ASTM International) "**ASTM Videos: Bringing Procedures to Life.**"
- *Jayme Crowder* (McGraw-Hill Professional) "**AccessEngineering's Comprehensive Textbook Library and Learning Tools.**"
- *Mary Anne Baynes* (Overleaf) "**Overleaf for Institutions.**"
- *Kevin Higgins* (American Society of Civil Engineers) "**ASCE Legacy Journals Archive.**"
- *Meghan Rohrmann* (Begell House, Inc. Publishers) "**The Begell Digital Portal: Benefits and Features for Your Library.**"
- *Tom Burnosky* (ICE Publishing) "**ICE Knows Infrastructure.**"

ASEE/ENGINEERING LIBRARIES DIVISION
Lightning Talks
July 26, 2021 | 1:15 - 4:30 (PDT)

Tuesday, July 27

Tuesday morning began with the **Getting Started with LaTeX and Overleaf Panel** with *Sarah Over* (University of Maryland-College Park) and *Eric J. Schares* (Iowa State University of Science and Technology), moderated by *Aman Kaur* (University of Pennsylvania). See the message below from Sarah and Eric.

Thanks to the 70+ attendees for coming to our workshop and to our moderator Aman Kaur!

The workshop covered an introduction to using LaTeX* with Overleaf including lots of examples and live exercises for participants. We also held a Q&A on teaching LaTeX in Libraries, answering questions over a broad range of topics from getting started through integrating citation managers.

For those who could not attend (or would like a refresher), all of our materials can be found in OSF: https://osf.io/khu6n/. Be sure to check our materials for a few puns as well (like below).

Happy Coding!

Sarah Over-leaf & Eric Schare-LaTeX

ShareLaTeX is now part of Overleaf

* LaTeX is a document preparation and markup language used widely in the STEM fields. The software is open source and you can use it online or from your own desktop.

The next session of the day was **Librarian's role in the Accreditation Process Panel** with *Sue Wainscott* (University of Nevada – Las Vegas), *Tom Volkening* (Michigan State University), *Ven Basco* (University of Central Florida), and *Frederick C. Berry* (Purdue University), moderated by *Zachary Painter* (Stanford University) and technical moderator *Mindy Thuna* (University of Toronto). The panelists shared that engineering librarians often have questions about the level of involvement libraries are expected to have in the accreditation process. Even for those who have experience with accreditation documentation and site visits, the process has changed in the time of COVID. Participants came away with a deeper understanding of the overall accreditation process, as well as best practices for the librarian's role.

Technical Session 1, **Diversity,** was moderated by *Kate Mercer* (University of Waterloo) and *Chelsea Leachman* (Washington State University). It featured three papers.

In "**Engineering Libraries and Student Organizations: Working Together to Enhance Outreach to Underrepresented Groups**," [view paper] *Paul McMonigle* (Pennsylvania State University) and *Linda M. N. Struble* (Pennsylvania State University) shared their new outreach program to underrepresented student groups in engineering. The program is designed to constantly evolve, with students from the communities they are trying to reach taking the lead on creating relevant events and exhibits.

In "**Raising Algorithm Bias Awareness among Computer Science Students through Library and Computer Science Instruction**," [view paper] *Shalini Ramachandran* (Boise State University), *Dr. Steven Matthew Cutchin* (Boise State University), and *Sheree Fu* (California State University, Los Angeles) outlined the development of an introductory algorithm bias instruction session.

In "**Raising Awareness of Diversity and Inclusion in One-shot Information Literacy Classes**" [view paper] Dr. *Anamika Megwalu* (San Jose State University) implemented a method that strategically integrates assessment activities with student engagement tools to develop an inclusive learning environment.

The day continued with the **Operationalizing Equity, Diversity, Inclusion, and Social Justice (EDISJ) in Engineering Librarianship Panel** with *Julia M. Gelfand* (University of California, Irvine), *Aditi Gupta* (University of Victoria), *Nastasha E Johnson* (Purdue University), *Ibironke O Lawal* (Virginia Commonwealth University), *Sarah E Lester* (California Polytechnic State University, San Luis Obispo), and *Linda R. Musser* (Pennsylvania State University), moderated by *Nasser Saleh* and technical moderator *Bruce Neville*. The panelists explored beyond how and why the issues of equity, diversity, inclusion, and social justice (EDISJ) in libraries are not just important but focusing on how librarianship can go about achieving EDISJ (a systematic process) and also how to practice EDISJ (operationalizing) in many areas associated with engineering librarianship (collections, reference services, recruitment, teaching, research support, outreach, and leadership). The panelists described their approaches to EDISJ, presenting cases, key challenges they encountered, success stories and ideas for how each can help foster a more inclusive organization. Panelists discussed the professional and personal experiences that led them to become involved in diversity and inclusion within their organizations and emphasized the importance of their work.

As a way to unwind, the day ended with an At Home Scavenger Hunt on Zoom. Attendees competed by rotating through random small group break-out rooms and scrambling to be the first to find items in their homes, like their favorite mug. The winner of the Scavender Hunt was *Denise A. Wetzel* (Florida State University).

Wednesday, July 28
Day 3 of the conference began bright and early with the **ELD Business Meeting**, which is open to all members. Members heard about the state of the division and Professional Interest Council I. The ELD Business Meeting took place over the Pathable platform. This annual business meeting included updates from the various committees, updates from the PIC I chair, and other events. Further down in the newsletter are the notes from this meeting.

The next session was the **Exhibitor Talks** which offered a chance for ELD members to attend sponsor sessions.
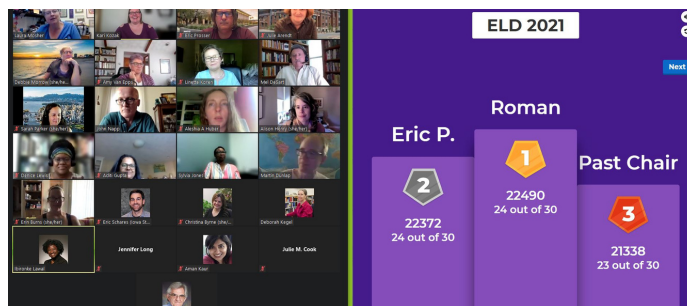
The ELD Posters were presented after this, with 4 delightful posters to view. They included:
Augmented Library: A Vertically Integrated Project [view paper] by *Dr. Matthew Frenkel* (New York University), *Jada Forrester* (Affiliation unknown), *Andrew Qu* (Affiliation unknown), *Shinkyum (Kevin) Rho* (New York University), and *Sofia Rose Larson* (Affiliation unknown).

- **Engineering Literature Retractions: Applications to Scholarly Communications Training** [view paper] by *Daniela Solomon* (Case Western Reserve University) and *Christopher Heckman* (St. Mary's College of Maryland). This poster reports on the results of a limited scope study investigating engineering literature retractions and their application to scholarly communication training of graduate students.

- **Online OER Champion Courses: How a Scrappy Solution to Cope with Capacity Turned into a Vital Tool to Build OER Awareness, Interest, and Knowledge on Campus** [view paper] by *Emily Bongiovanni* (Colorado School of Mines), *Brianna B Buljung* (Colorado School of Mines), *Alexander Luis Odicino* (Colorado School of Mines), and *Allyce Horan* (Colorado School of Mines). This poster shares the development and goals of a short certificate course developed to introduce faculty to OER topics. The poster provides an overview on the curriculum and how participants engage with the topics as they work through the modules, as well as results from survey data and participant feedback assessing the course's ability to increase awareness, interest, and knowledge of various OER subjects.

- **The (Augmented) World is our Campus** [view paper] by *David S. Pixton* (Brigham Young University) and *Jared Aaron Landetta* (Brigham Young University). David Pixton, Engineering & Technology Librarian at Brigham Young University, provides a summary of a work-in-progress project to refresh a large and aging globe exhibit using augmented reality (AR). He describes the different AR modules being developed and how they utilize the unique educational affordances of AR to enhance learning and engagement with the exhibit. He also describes some practical issues relating to AR, including choice of display hardware, positioning of augmentations, and dynamic development tools.

Lunch this day involved a Zoom and Kahoot Trivia Challenge. With a great turnout, *Roman Koshykar* (Rochester Institute of Technology) took home the prize during this event.

Technical Session 2, **Special Topics**, was moderated by *John Teleha* (North Carolina Agricultural & Technical State University) and *Denise A. Wetzel* (Florida State University). This session featured three papers.

In "**Embedded Librarians to Support Data Management Needs of a Multidisciplinary Research Program,**" [view paper] *Qianjin Zhang* (The University of Iowa) and *Brian Westra* (University of Iowa) described the establishment of a partnership between the Libraries and a multidisciplinary research program, and some of the products and outcomes from immersive and embedded roles within that program. This paper also shows that these kinds of partnerships can increase the awareness of librarian skills in research data management, support compliance with funder requirements, and enhance the impact and value of research outputs.

In "**Examining the Teaching Needs of Engineering Faculty: How the Library and Librarian Fit In,**" [view paper] *Erin Rowley* (University at Buffalo, The State University of New York) Engineering Librarian, reports on findings from a study interviewing engineering faculty on their teaching needs. This is a similar study to the Ithaka S+R multi-site study UB participated in several years ago examining the needs of faculty teaching undergraduate business courses. The study with engineering faculty was conducted during Summer 2020, so many of the discussions surrounding teaching involved the COVID-19 pandemic.

In "**Using the Fundamentals of Engineering (FE) Exam as an Assessment Tool for Engineering Schools and Their Libraries**," [view paper] *Jean L Bossart* P.E. (University of Florida) provided a case study of how to use the NCEES Subject Matter Reports to evaluate engineering programs, departments, curriculums, courses, and library collections. By analyzing their engineering students' FE exam results, as provided by the National Council of Examiners for Engineering and Surveying (NCEES), university engineering libraries can assess their collections and determine if they meet the needs of their engineering students.

The day concluded with the **Preprints, Postprints, ePrints: The Case for Engineering Information Panel** with *Jay J. Bhatt* (Engineering Librarian, Drexel University Libraries), *Steven Heffner* (Managing Director IEEE Publications), *Kim Martin* (Editorial Director, Journals and Technical Papers, SAE), and *Shirley Decker-Lucke* (Content Director, SSRN & Elsevier), moderated by *Julia M. Gelfand* (University of California, Irvine) and technical moderator *Aleshia A Huber*. The COVID-19 pandemic has demonstrated how critical access to timely scientific information is and how public engagement has demanded reliance on such sources documenting the latest research findings at an unprecedented scale. The relationships between preprint authors and traditional commercial and society publishers have changed as a result of the pandemic. This caused publishing workflows to aggressively compete for acquiring future submissions from preprint authors with new publishing conditions and greater intensity. Preprint servers demonstrate far higher use (biorxiv reports 15x more) than from pre-COVID times, especially for content related to researching the virus and supporting patients and the understanding of their longtime medical, social and technical needs.

Thursday, July 29
The final day of the conference started off with Technical Session 3, **Working with Students**, moderated by Willie Baer (University of Notre Dame) and Leena Lalwani (University of Michigan). It featured four papers.

In "**A First Year Engineering Information Literacy Workshop: Redesigned for Remote Delivery**," [view paper] *Jodi A. Bolognese* (Northeastern University), *Dr. Richard Whalen* (Northeastern University), *Evie Dee Cordell* (Northeastern University), *Alissa P Link Cilfone* (Northeastern University), and *Brooke D Williams* (Northeastern University) shared how Northeastern redesigned its First Year Engineering library workshop series, which serves more than 600 students per year, for remote delivery. They described the redesign process and resulting lesson plans/materials, compare the outcomes of the online workshops with those of previous in-person workshops, and share lessons learned.

In "**Accessing Engineering Standards: A Study in ARL Best Practices for Acquiring and Disseminating Standards**," [view paper] *Denise A. Wetzel* (Florida A&M University – Florida State University), *Kelly Grove* (Florida A&M University – Florida State University), and *Jake Adam Flaks* (Florida State University) evaluated trends and results in standards collection development. The paper concludes with potential next steps in crafting a Standards collection policy and ideas for further Standards acquisition research needs.

In "**Desperately Seeking Standards: Using Text Processing to Save Your Time,**" [view paper] *Halle Burns* (University of Nevada, Las Vegas) and *Susan B. Wainscott* (University of Nevada, Las Vegas) analyzed their standards use, interlibrary loan, and document-delivery-request data on a more regular basis to inform collections management decisions. The authors developed and assessed an open source text processing method to flag potential standards mentioned in text and tabular datasets.

In "**Student to Scholar: A Professional Skills Focused Library Collaboration,**" [view paper] *Matthew Frenkel* (New York University) and *Dr. Azure Janee Stewart* (New York University) began as a collaboration between library and engineering faculty to develop new programming to reinforce professional skill development among Engineering students. This paper presents the preliminary results from the data collected in the summer of 2020, as well as providing resources for other institutions interested in implementing a similar program.

Next on the agenda were the **Round Tables** on Congregate moderated by *Amy Van Epps* (Harvard University). This session featured open discussion for ELD members to talk about current topics and issues facing engineering librarianship, as suggested on Padlet before the sessions start.
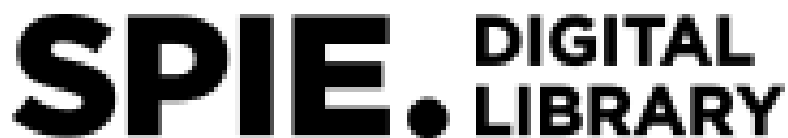
The final event of the conference was the **Extended Executive Committee Meeting**. While this meeting is for all the chairs of ELD committees, it is always open to all ELD members. Further down in the newsletter are the notes from this meeting.

As a reminder, access to the recorded presentations will be available to registered attendees for one year after the close of the conference. You might want to bookmark that webpage. If you have technical or access issues, please email aseevirtual@conferencedirect.com.

While we may have not gathered in Long Beach this year, we look forward to seeing everyone next year in Minneapolis, Minnesota! Enjoy a picture of the Queen Mary 2 - a great stop if you ever get a chance to visit Long Beach.

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ANNUAL BUSINESS MEETING

Engineering Libraries Division
2021 Annual Business Meeting
Wednesday July 28, 2021, 8:00-9:30 pm (PDT)
Location: Online

David Hubbard called the meeting to order at 11:00am. Rules for the meeting: be respectful of each other, mute yourself, and use the raise hand feature or ask questions in chat.

Report from the PIC I Chair, Christi Patton Luks

Updates from the Board meeting:

- Awards nominations were down overall society-wide. The new papers management system is changing how people nominate papers. Training video for the use of new system coming soon.
- Future in-person meetings hosted by the ASEE will require vaccination proof. This rule may represent a point of controversy amongst ASEE members but it is necessary.
- Also for the future meetings, ASEE will accept recommendations for local charities that promote STEM K-12 programs or DEI programs. Divisions are invited to make financial donations to these organizations or reach out for collaborations as they see fit.
- The Ethics Committee that was formed last year adjudicated two and a half cases this year; one was related to abstract review process, one for self-plagiarism, and the other one is still in progress. The two cases were treated as educational and growth opportunities that resulted in some changes to the abstract review process and discussions about adding plagiarism software, i.e., IThenticate, to the paper management system. Discussions to be continued.
- There is a new Committee on Scholarly Communications with the goal to help the community maintain high publishing standards. Divisions will be invited to send a representative to this committee, probably starting in winter.
- There is an updated rubric for evaluating proposals for the Distinguished Lectures.
- There are new ASEE reviewer expectations guidelines, which include the requirement to agree to read the entire submission, provide constructive feedback based on professional judgment, use respectful language, and submit review on time.

Conference Updates:

- The 2021 conference has a lower number of attendees, and the number of papers was down. There is one year access to the online presentations. Presentations are not downloadable, but they are viewable.
- The 2022 conference will be in-person in Minneapolis. The new paper management system launches in October. Program Chairs will get access in September and training will be offered. The transition to the new system will impact the normal timeline and the transition to the new system may not be completed before the call for papers is sent out.

Financial update:
- Academic Institutions memberships are up and the non-academic institutions memberships are down. we hope to bounce back when the conference will be in person again.
- Individual membership continued the decreasing trend observed over the last ten years, currently being down 33 percent from the peak. This is a common issue for many professional organizations.
- The membership variation affected ASEE budget severely. To compensate, ASEE applied to management contracts for grants and fellowships to help with finances. The first PPP loan has been forgiven. The second PPP loan is not eligible to be forgiven yet but ASEE assumes that it will get forgiven, which means that ASEE may be on track to be within the budget.

ELD Division updates:
- Membership seem to be slightly down, but it is difficult to really ascertain the reasons.
- The DEI statement is buried in the bylaws and the recommendation is to make it more prominent.
- The division had 23 abstracts submitted for this year's conference but only 14 papers were published, which were divided between three technical sessions. The ELD program included many panels.
- The Best Paper selected by the ELD division was "Raising Algorithm Bias Awareness among Computer Science Students through Library and Computer Science Instruction."
- The Best Paper Award for PIC 1 was the paper from the Liberal Education/Engineering & Society Division. PIC 1 Best Paper was recognized as best overall and will be recognized next year at the conference.
- Questions for the Division: Would Best Paper selection guidelines be helpful? ASEE is interested in standardizing the process and ideally this would be included in the bylaws.

Feedback to the PIC Chair:
- David Hubbard noted that the updated ELD bylaws were voted on and will be sent to ASEE shortly.
- Amy Van Epps – guidelines for best paper selection process would be welcome. Raised the issue of reduced conference registration rate for ELD. Christi answered that there are two commissions that should analyze this issue. It is understood that there is a need for reduced registration fee but it is difficult since ELD members are not a special class of members. Christy will take this issue to the Executive Committee after the conference. Amy offered that ELD can provide current data if needed. The report from 2015 will be updated.
- Michelle Spence asked how is ASEE planning to check vaccination status at future in-person events and what is the status of the discussion of joint membership with the Canadian Association of Engineering Education. Christi answered that it will be just a check box on the registration form. Vaccination requirement may impact participation of the international members. Christi has not heard recently about any discussions about the joint membership.
- Marina Zhang asked if there is a way for the non-registered co-authors to watch the recordings. Christi answered that the registered author can watch it together with the non-registered one.
- David Hubbard made the observation that the requirement/recommendation to reaffirming the bylaws every five years should be clearly documented.
- Debbie Morrow asked for further comments about the two Ethics Committee cases. One was self-plagiarism – the authors received training. ASEE is planning to train reviewers and the program chairs on what to do in case this happens in their division.

- David Hubbard commented that would be best to have procedural document for selecting the Best Paper. This does not have to be included in the bylaws.
- Mel DeSart commented that the new ASEE Scholarly Communication Committee stemmed from the ASEE Task Force on journals he has been on for the past year. The task force recommended to form a committee that would look at some publishing related issues. The Committee will have two co-chairs.

Agenda

1.Approval of Minutes of 2020 Business Meeting
The Minutes of the 2021 Business Meeting were shared by email. Amy Van Epps, moved, and John Teleha seconded. The minutes were approved.

2.Division Chair Report, David Hubbard
Thank you to Kari Kozak and her Conference Planning Program Committee for this year's program. Things are going great, enjoying the program.

ELD has two incoming Executive Committee Members: Lisa Ngo, Secretary/Treasurer and Ibironke Lawal, Director. Many thanks to Eric Schares for serving as a Director. The Executive Committee appointed Sarah Lester as the ELD delegate to the ASEE Commission on Diversity, Equity, and Inclusion. Sarah is replacing Bruce Neville. Thank you to Bruce for getting ELD connected with the CDEI. The new Committee Chairs, appointed for the 2021-2023 term are: Directory – Paula Johnson; Newsletter – Denise Wetzel; Publications Co-Chair – Sarah Over. Thank you to the Committee Chairs who have completed their terms: Bernardette Ewen – Directory; Kristen MacCartney – Newsletter. A big thanks to all the committee chairs that accepted reappointments, to those continuing in their appointments, and to all their members.

The Executive Committee formed a Task Force charged with updating/reaffirming the bylaws and writing the DEI statement. The Task Force did a really great job drafting those amendments and an EDI statement. David and the EC thanks Mel DeSart for chairing the Task Force and the members: Denice Lewis, Sarah Lester, Anamika Megwalu, and Sarah Jane Dooley. ELD voted and accepted the amended bylaws. The EC is still reviewing the feedback on DEI received from the membership. Both documents will be moving forward very soon by the new ELD Chair Kari Kozak and the incoming Executive Committee.

Thanks to the EC members: Kari Kozak, Daniela Solomon, Eric Shares, and Julie Arendt, for all their support and help over the last year, and to the previous leadership on previous Executive Committees Michelle Spence and Bernadette Ewen.

Please thank our sponsors for their generous support of the events and travel stipends. Thank them if you get a chance by visiting them virtually.

3. Program Chair Report, Kari Kozak

Thank you everybody that helped with this year's conference. It was difficult again because of uncertainty of the conference will be in-person or virtual. Great turnout with 118 participants. There were fourteen new members attending the conference. Thanks to the amazing ELD Annual Conference Planning Committee: Julie Arendt, Bernardette Ewen, Hema Ramachandran for finding the delicious chocolate, Eric Schares, Daniela Solomon, Michelle Spence, John Teleha, and Amy Van Epps – for everything. Thank you to all the authors and the panelists. Kari thanked Sylvia Jones and Mel DeSart for organizing and moderating the Lightning Talks sessions: 28 member talks and eight sponsor talks. Thank you to Eric Schares and Sarah Over for the Overleaf workshop. Thank you to Amy Van Epps for helping with Congregate and organizing the round tables discussions, and to the panels' organizers Jay Bhat, Julia Gelfand, and Nasser Saleh. Thank you to Marina Zhang for keeping the website updated. Thank you to all moderators that made sure everything went smoothly: Holly Surbaugh, Jennifer Long, Aman Kaur, Zac Painter, Kate Mercer, Chelsea Leachman, Bruce Neville, Kristyn Caragher, Christina Mayberry, Renee Romero, Kelly Durkin Ruth, John Teleha, Denise Wetzel, Aleshia Huber, Willie Baer, Leena Lalwani.

Thank you to Michelle Spence and the Development Committee for working with the sponsors and clarifying sponsorships status - refund or use for this years' boxes. Getting the boxes ready has been very challenging because of the short deadline. A big thank you to the staff from University of Iowa, James, Keegan, Alex and Daniel, for the help with making the buttons and assembling and shipping the boxes. Thank you to the awesome sponsors for making this happen.

4. Secretary/Treasurer's Report, Daniela Solomon

The BASS account is in good standing. Currently, there is still a substantial balance in the Conference account. If the funds are not refunded by Sept 30, the balance will be transferred to the BASS account and be charged a 30% fee.

5. Committee Reports

Comments were limited to changes and updates since the May newsletter.

- Accreditation and Standards: Alison Henry – they received a suggestion to send a survey to investigate the subscriptions of the engineering libraries .
- Archives: Zach Painter – no updates.
- Awards: Erin Rowley – no updates. Best poster award will be presented later, after the poster session.
- Development: Michelle Spence - No updates. Big thanks to all vendors for everything. Please visit their booths to thank them directly.
- Electronic Discussion Lists: Mel DeSart – no updates but stay tuned for an email about one of the lists.
- Electronic Voting Administrator: Eric Schares – successful officer election in March and bylaws in June.
- Membership: Jean Bossart – increase in membership to 224 in July, which is right in the middle between a low in 2009 and the high in 2017.
- Membership Directory: Bernadette Ewen– no updates.
- Mentoring: Kevin Drees – n/a.
- Newsletter: Denise Wetzel – no updates.

- Publications: Amani Magid - Sarah Over starts as new Co-Chair. The committee reviewed 14 papers and selected one as the best paper.
- Scholarly Communications: Mel DeSart – no update.
- Webmaster: Marina Zhang – use OSF to archive presentations. She asked authors to self–deposit their presentations.

6. Awards and Recognitions

Long-term Member Recognitions, Jean Bossart, Membership Committee

This year, there are 27 members recognized for their service to ELD. These members represent a geographically diverse group from universities and colleges across the U.S., Canada, and Puerto Rico. Current membership includes 224 members representing 137 universities – 122 US colleges and universities, eleven members from Canada and one each from Puerto Rico, the Philippines, Spain, and the United Arab Emirates. Long-term Membership Recognition: 25 years: Andrew Shrimp, Lisa Dunn; 30 years: James Clasper; 45 years – Dorothy Byers. We want to thank all of our members for their support.

Awards Presentation, Erin Rowley, Awards Committee

Erin Rowley presented Awards, beginning with the Homer I. Bernhardt Award. She noted that the Committee received a record number of recommendations for the 2021 award recipient, Tom Volkening. One nomination letter stated that Tom had a tremendous impact on engineering librarianship and engineering education. Tom has been an ELD member for 35 years and a librarian for 43 years. Tom has served ELD in multiple roles during his time as a member as Director for ELD Chair of the Liaisons Program Committee, as a member of many other Committees including the ELD 50th and 75th Anniversary, the Mentoring Committee since 2000, and the Scholarly Communications Committee since its inception in 2005. In addition, he has presented dozens of times including at this very conference at the ABET accreditation panel. I would be remiss if I did not mention his contributions to produce ELD position documents, including one of the earliest documents - the Punch List for Best Practices for Electronic Resources. Many of Tom's letters of support described him as being welcoming and supportive to all.

Thank you to everyone who submitted nominations for papers. The committee received eight submissions this year. The ASEE ELD 2021 Best Publication Award went to the article "Current usage patterns of open educational resources in engineering mechanics classrooms and barriers to adoption." by Jacob P. Moore and Thomas Reinsfelder, published in *Issues in Science and Technology Librarianship.* The committee unanimously agreed that this article represents a significant contribution to the field of engineering information and used a very clear, succinct, and easy to replicate methodology.

Best poster award will be announced at a later time.

Many thanks to the Awards Committee members: Jay Bhatt, Julie Gelfand, Cari Lyle, Chelsea Leachman, Lisha Li, Sarah Parker, Hema Ramachandran, and Mindy Thuna. A special thank you to Sue Wainscott who stepped down last year after the annual.

Travel Stipends, Bernadette Ewen, Stipend Coordinator

Due to the generosity of our sponsors and reduced registration fee, ELD has been able to provide additional stipends. Thank you to ASTM, IEEE, Morgan & Claypool, and SPIE. A few of our members delayed using their 2020 stipend award and chose to use it this year. The winners of the random drawings in 2020 were Julie Cook, Holly Surbaugh, Paul Hottinger, and Kristyn Caragher. The four alternates were – Erin Rowley, Cari Lyle, Sarah Over, and Anamika Megwalu.

The winners of the 2021 travel stipends were: ASTM – Leena Lalwani, Ana Munandar, Sara Huber, Sarah Wagner; IEEE – Willie Baer, Ven Basco, Jean Bossart, Bill Bowman (2020), Lisha Li, John Napp, Anna Ren, Anamika Megwalu; IET - Paula Johnson, Denice Lewis; McGraw Hill – Graham Sherriff (2020); Morgan & Claypool: Linette Koren, Sarah Parker, Alfred Wallace; SPIE – Aja Bettencourt-McCarthy, Amanpreet Kaur, Aleshia Huber.

For the 2022 ASEE Annual random drawing winners, there will be four winners and four alternates. The sponsors are McGraw-Hill and Morgan & Claypool. Winners – Douglas McGee, Aleshia Huber, Hema Ramachandran, Denise Wetzel. Backups are Chelsea Leachman, Mindy Thuna, Mark Reese, and Mathew Frenkel.

7. Announcements

- Kari Kozak - The poster session will be interesting /interactive. Each poster has its own Zoom room, paper is already uploaded, and authors will share their screen with the poster.
- David Hubbard – Daily emails have been great.
- Kari Kozak – Remember the trivia later today, sign card for David. Tomorrow three different platform for three different events.
- Amy VanEpps - Padlet is still live if anyone wants to add any topic for the roundtable discussions.
- Sheeree Fu how many papers submissions for the conference? Kari: 23 abstracts and 14 papers submitted.

David: It's been an honor to serve as an ELD officer. It's been a professional stretch but really rewarding.
Motion was moved and the meeting adjourned at 9:24 am PDT.

EXTENDED EXECUTIVE COMMITTEE MEETING

ELD Extended Executive Committee Meeting
Location: Online
Thursday July 29, 2021 1:45 - 3:15 PM (PDT)

Present: Julie Arendt (Director), Jean Bossart (Membership), Mel DeSart (Electronic Discussion Lists, Scholarly Communication), Kevin Drees (Mentoring), B. Finn, Sheree Fu, Aditi Gupta, Alison Henry (Accreditation and Standards), David Hubbard (Immediate Past Chair), Paula C. Johnson, Patricia Kenly, Kari Kozak (Chair), Ibironke Lawal, Denice Lewis, Jennifer Long, Amani Magid (Publications), John Napp, Lisa Ngo (Secretary - Treasurer), Sarah Over (Publications), Zac Painter (Archivist), Erin Rowley (Awards), Eric Schares (Director, Electronic Voting Administrator), Daniela Solomon (Program Chair and Chair Elect), Michelle Spence (Development), John Teleha, Denise Wetzel (Newsletter), Marina Zhang (Webmaster)

NEW BUSINESS/UPDATES

Update on the Status of the By-Laws
Have been approved and are ready to be sent to our PIC chair for final approval by the Board of Directors. The by-laws include text about a Diversity, Equity and Inclusion statement. The statement itself does not need to be submitted with the by-laws for approval. Kari K. will submit the by-laws as-is to the PIC chair for approval.

Update on the Status of the Diversity Statement
The ELD Diversity, Equity and Inclusion (DEI) statement is a policy document and is in the purview of the Executive Committee to approve. The DEI statement has been sent to the membership for feedback. The EEC would like to provide more time for members to provide input.

Update on the Status of the Diversity Committee
The EEC discussed whether a new Diversity Committee is necessary, or whether Sarah Lester's representation as ASEE CDEI's delegate is adequate. The EEC agreed forming a Diversity Committee would be beneficial; it would provide a level of accountability for the Division's DEI goals, and it could continue to work on the ELD DEI Statement. Kari Kozak will put out a call for membership to form a Diversity Committee.

COMMITTEE UPDATES

Accreditation and Standards Committee
There seems to be interest in collecting information on subscriptions held by engineering libraries, similar to a former statistics collection that ELD used to maintain. Such a list may be helpful for newer librarians to identify core resources in the field, and to help answer questions about subscriptions that periodically come up on the ELD listserv.

EXTENDED EXECUTIVE COMMITTEE MEETING

Archives Committee

Zac has received new items for the archives that were sent via mail, but has been unable to visit the physical archives (housed at UMass). There is interest in doing some oral history/ethnography interviews with ELD members; Zac would like to pursue this after the conference and is taking suggestions on people who could be interviewed and questions to be asked (Comments in chat from John Teleha: History of the Bernhardt Award. Karen Andrews, formerly of UC Davis, gave a great acceptance speech recounting his life and why the Award is named after him. And Paige Gibbs was Awards Committee Chair when the Award was initiated). It's still also on Zac's radar to digitize the ELD archives in the near future.

Awards Committee

Discussion of revising the criteria for the Innovation in Access to Engineering Information Award was tabled this year in favor of focusing on Best Publication Award. The Committee is interested in pursuing development of new awards for early- or mid-career librarians (similar to the SLA Rising Star award for early-career librarians), and for a way to recognize best paper for the ELD (in addition to the current practice of nominating a best paper for the ELD to ASEE for the Best Paper Award). There was general support from the EEC for adding awards and the Committee will work on writing suggestions and criteria. Kari Kozak, Erin Rowley, and the Publications Committee co-chairs (Amani Magid and Sarah Over) will meet to discuss a Best Paper Award.

Development Committee

It was a good year for development. We were able to retain existing sponsors and add some new sponsors. Most sponsors agreed to allow the division to spend funds without restrictions (such as on the conference boxes). In addition to the standard appreciation we give sponsors, Mel DeSart suggested thanking those sponsors for their generosity in another way (e.g. on ELD-L or similar). Elsevier notably did not agree to let the division spend the money without restrictions, so their funds, if rolled over into BASS next year, will be charged a 30% ASEE fee (September 30). Zac Painter suggested using the funds towards digitizing the ELD archives and will investigate the possibility.

Electronic Discussion Lists Committee

Members rotating off the EEC have been removed from the EEC-ELD mailing list and new members have been added. ELDnet-L list turns 30 on August 14! It went live with 62 subscribers and has grown to over 700.

Electronic Voting Administrator Committee

No additional information.

Membership Committee

Members were not receiving reminders about membership renewals from ASEE, so the Membership Committee sent their own reminders and were able to spur renewals. This gave the appearance that our membership dipped but our numbers are now back up. We have lost some vendor memberships but that is expected to return once the conference is held in person again.

Membership Directory Committee

The current directory will go out after post-conference updates.

Mentoring Committee

No additional information.

Newsletter Committee

A call for items for the September newsletter will go out shortly.

Publications Committee

A welcome to Sarah Over, who will join Amani as co-chair this coming year. The committee introduced a new rubric for paper reviewers this year and they are currently getting feedback on the rubric from reviewers.

Scholarly Communications Committee

An update previously scheduled for the May newsletter will go out in the September newsletter instead.

Webmaster Committee

Slides from past conferences have been deposited in OSF and the committee is working on creating bib records in Zotero. For this year's conference they encourage everyone to deposit their slides to OSF. Past conference slides available at https://osf.io/xkjh8/.

2021 CONFERENCE FEEDBACK

Plus (+) | Delta (Δ)

Pluses

More interactive this year with the Q&As . Daily emails were great and helpful .

Deltas

Pathable got really slow during posters (feedback to send to ASEE) . Congregate didn't work for everyone.

Librarian rate for next conference

There was interest in putting forward a proposal to ASEE for a reduced librarian rate for the 2022 conference. Daniela Solomon and Denise Wetzel volunteered to help Kari update the 2015 document asking about librarian rates; work is to start in September.

Workshops

Members expressed interest in workshops during the year in addition to the annual conference; topics suggested include standards and other round-table discussions. Kari will put out a call for a task group to offer workshops this coming year.

Committee membership

All committees should let Kari know by September if new membership is needed. Kari will send out a call for volunteers .

Diversity Committee

A possible task for the new diversity committee may be to survey the membership to get data on diversity within the division slow during posters (feedback to send to ASEE). Congregate didn't work for everyone.

2022 CONFERENCE PLANNING

There is a shorter planning timeline for the 2022 conference. The call for papers will go out at the beginning of September. The conference planning committee currently has nine members.

GENERAL ANNOUNCEMENTS

Stipends were distributed last year that require tracking and follow-up by the Secretary/Treasurer. The division does not have a comprehensive communications plan and should have a conversation around who should have responsibility for communications. For instance, ELD has a Twitter account that hasn't been active since 2015 (https://twitter.com/asee_eld) as well as a blog (http://asee-eld.blogspot.com/).

Are you submitting an abstract for the 2022 ASEE Conference in Minneapolis or another conference?
Or to a journal? Need help sorting through your ideas for a paper?
Want to improve your chances of having your manuscript accepted for publication?
Try the FRIENDLY PAPER REVIEW SERVICE
Your paper will be reviewed according to new review process guidelines.
You will receive comments and suggestions for improving your paper.
Contact Kevin Drees at kevin.drees@okstate.edu
Brought to you by the ELD Mentoring Committee!

Membership Directory
Paula C. Johnson, Chair

The ASEE ELD Directory of Members is up to date as of August 3, 2021. Current ASEE ELD members can download a copy of this directory at https://sites.asee.org/eld/member-directory/ using the password that was shared on the eld-l listserv in early August. If current ASEE ELD members wish either to have a PDF copy of the current directory e-mail(ed) to them or if they wish to have their directory information updated, they should e-mail Paula C. Johnson at pcjohnson@arizona.edu. This issue of the directory has current Committee Chair information, but does not include committee member names, as this data is still being finalized in some instances. Edits to the directory will be reflected in the next update to the ASEE ELD Directory of Members. Thank you to Jean Bossart (Membership Chair), Mel DeSart (Electronic Discussion Lists Chair), Marina Zhang (Webmaster), and all other members who forward edits to help me keep the directory current.

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.

Publications Committee
Amani Magid & Sarah Over, Co-Chairs

We hope you've had a restful summer. A couple of updates from the Publications Committee. First we would like all to know that the Best Paper nomination from ELD was the following: Raising Algorithm Bias Awareness among Computer Science Students through Library and Computer Science Instruction. The final was submitted by: Sheree Fu (California State University, Los Angeles) with Shalini Ramachandran (Boise State University) Steven Matthew Cutchin (Boise State University).

Please congratulate Sheree Fu and Shalini Ramachandran and their co-author on a very-well written and thought-provoking paper! This past conference was the first one where a new ELD Rubric was used by reviewers to evaluate papers submitted to ELD. We are in the midst of evaluating feedback from reviewers on using the new rubric and plan to elicit feedback from authors as well. Finally, all paper guidelines are updated on the website. ASEE is still updating it's website for the 2022 conference, and those updates will be reflected in our guidelines.

Web Committee
Marina Zhang, Chair

The Web Committee is updating and maintaining the ELD website, especially the ELD conference information, and archiving 2021 ASEE/ELD conference presentation slides at https://osf.io/meetings/ELD2021/. From June to August in 2021, the Web Committee is working on a project of archiving past ASEE/ELD conference slides at https://osf.io/xkjh8/ and creating bibliographic records in Zotero. A request for missing presentation slides has been sent to the ELD listserv and the webmaster is in the process of collecting missing slides from ELD members. Many thanks to the Web Committee members: Mike White, Aleshia Huber, and Li Zhang.
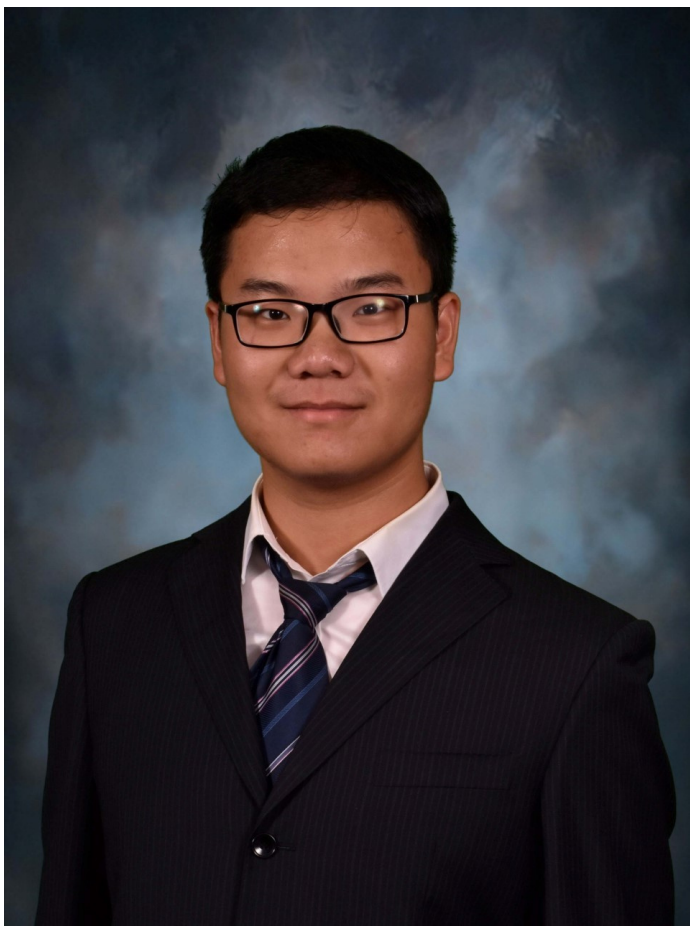
SPOTLIGHT ON MEMBERS

Welcome New Members!

Joshua (Josh) Borycz is a STEM Research Librarian at Vanderbilt University. Josh has a BS in chemistry and mathematics from Hope College and a PhD in chemistry from the University of Minnesota, Twin Cities. He also earned a MS in Information Science from the University of Tennessee, Knoxville. Josh has been at Vanderbilt University for two years. Prior to that, he worked as a Research Assistant at the Oak Ridge National Laboratory. His research interests include improving data management and data sharing in the sciences. Josh also performs social science research in collaboration with evolutionary anthropologists from his university. Most recently, his focus has been on teaching information literacy, research methods, and data management best practices to graduate students. Josh can be reached at joshua.d.borycz@Vanderbilt.edu.

Sarah Brabow is the Engineering, Computer Science, & Mathematics Librarian at Boston College. Boston College is starting an engineering department, enrolling their first class of undergraduates this upcoming fall. "I am the newly hired (as of June!) Engineering Librarian, and therefore I am quickly trying to figure out what collection resources the department needs (for this year and ultimately also for ABET accreditation). I will also be working closely with the faculty to embed and scaffold information literacy throughout the undergraduate curriculum. Before taking on this role, I served as the Science Librarian at Wellesley College for almost seven years, and prior to that I was a Special Projects Librarian at the University of Michigan - Ann Arbor. My undergraduate degree is in Ecology & Evolutionary Biology (EEB) from Princeton University. I have both an MSI and an MSc (in EEB) from the University of Michigan as well. Lastly, I'm so grateful already for the ELD community as I catch up to speed!"

If you would like to contact Sarah, email her at barbrows@bc.edu.

Haoyong Lan is the Engineering & Data Librarian at the University of Louisville. "I provide information literacy instruction, research assistance, data support, and collection development ser-vices to Engineering faculty, students, and staff. Previously I worked at the Grainger Engineering Library of the University of Illinois at Urbana-Champaign. I got Bachelor's degree in Electrical Engineering and a Master's degree in Library and Information Science both from the University of Illinois at Urbana-Champaign."

Chloe Lei is a Teaching and Research Librarian for Engineering & Computer Science at Concordia University in Montreal, Canada. She has been in this position for a little over a year. Prior to this, she was the Open Educational Resources Librarian at Concordia University. Before that Chloe was a Business Liaison Librarian at Hong Kong Baptist University. She received her Bachelor of Arts with Honours (BAH) in psychology from Queen's University and a Master of Information from the University of Toronto. If you would like to contact Chloe, her email address is chloe.lei@concordia.ca.