



Engineering Libraries Division



September 2019

Inside this issue:

Looking Ahead to Montreal	3
Call for Papers/ ASEE Author Toolkit	
ELD Author Guidelines	
Conference Program Update	5
Conference Awards/Highlights	13
Business Meeting Report	15
Thank You, ELD Sponsors	21
Committee Reports	22
Spotlight on Members	25

Message from the Chair

Julie Cook



Happy Autumn ELD!

Although the quarter here at the University of Washington hasn't yet begun, the air is cooler, and rain is falling. All over campus, large groups of wide-eyed students are slowly finding their way, while those returning are getting organized for the new year ahead. It must be September! I hope that you are settling into a new semester, or quarter, wherever are. My first column as Division Chair is a brief report on the conference in Tampa. I hope to have more ASEE related news to share with you in upcoming newsletters.

June and sunny (stormy!) Tampa seems so long ago now. But I have great memories and hope that those of you who attended do as well. I want to acknowledge that it takes a team to organize a successful conference program, and I was lucky to be part of a great one. I want to thank my Program Committee: Amy Buhler, Bernadette Ewen, David Hubbard, Sarah Parker, Eric Schares, Michelle Spence, and Larry Thompson for responding with smart advice and insight when I needed guidance. Willie Baer was also very generous with his time and knowledge, helping to sort out the finer points of ASEE conference services, policies, and procedures. Special thanks to Lisa Ngo and Kevin Drees, 2018-19 Publication Committee co-chairs, and their peer reviewers who volunteered valuable time shepherding the abstracts into papers. ELD technical sessions are always interesting and innovative, and this year was no exception.

Thank you to the all the ELD members who presented at technical sessions, facilitated a workshop, created or participated in panel discussions, shared projects in a lightning talk, and kept each of these on track as moderator. There wouldn't be a conference program without any of you. For a full list of the conference sessions and links to papers and presentation slides, please see our [2019 Annual Conference page](#) on the ELD website, or continue reading this issue of the newsletter for the Conference Program Update .

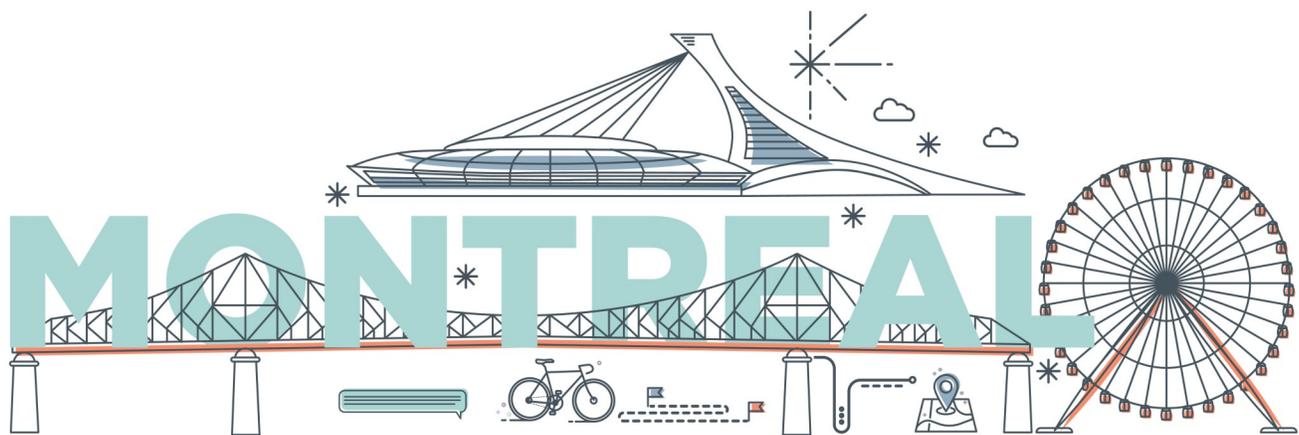


ELD is a division of the American Society for Engineering Education. Its mission is "to promote and strengthen the role of the library as an integral part of engineering education."

Message from the Chair *(continued)*

Once again, ELD had many lovely meals, and engaging networking and social events in Tampa. Several ELD members attended the conference as a result of a generous travel stipend. None of these would occur without generous support from our “Sweet 16” 2019 sponsors: ACS, AIAA, ASCE, ASME, ASTM, AWS, Begell House, Elsevier, ICE, IEEE, IET, IOP, Morgan & Claypool, SAE, SPIE, and Techstreet. Huge thanks also to the Development Committee, who continue to create and maintain valuable relationships with our partners in publishing: Amy Buhler (Chair), Craig Beard, Jay Bhatt, Mel DeSart, Bernadette Ewen, Bob Heyer-Gray, Kari Kozak, Anne Rauh, Erin Rowley, Michelle Spence, Stephen Stich, Larry Thompson, and Amy Van Epps.

I am really looking forward to the 2020 ASEE Conference in Montreal next June. David Hubbard, this year’s Program Chair, is already starting to organize the events for 2020 and the call for papers has been issued! Please consider submitting an abstract or being involved in the program in some way. It’s truly a fulfilling experience and a great way to meet many of your ELD colleagues.



In closing, please take the time to read the committee reports below. Particularly if you’re a more recent ELD member, make a note of one in which you might want to be involved. Committee Chairs are always happy to answer questions about their committees and let you know of any opportunities to get involved. You won’t regret it!

Going forward, if you have any questions, concerns, or comments, please send them to me at: julesck@uw.edu

Julie Cook

Looking Ahead to Montreal

Call for Papers ASEE 2020

The Engineering Libraries Division (ELD) of the American Society for Engineering Education (ASEE) is seeking abstracts for consideration for presentation at the 2020 Annual Conference & Exposition in Montréal, Québec, Canada, June 21st to June 24th.

ELD accepts abstracts for full-length presentations and posters and welcomes abstracts from or joint presentations with members of other divisions. Topics of interest include, but are not limited to:

- Assessment
- Collaboration
- Collection Development
- Diversity & Inclusion
- Instruction
- Scholarly Communication
- Technology in Engineering Librarianship
- Marketing and Outreach Activities

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

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

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

All paper submissions are publish-to-present. Papers submitted to technical sessions are peer reviewed through the Engineering Libraries Division review process, and those accepted will appear in ASEE Proceedings.

ASEE Author Kit

Please make sure to follow the abstract and paper submission guidelines, available at the Society website: <https://www.asee.org/annual-conference/2020/paper-management/for-authors>. The first step in proposing a paper is to submit an abstract (250-500 words) for approval into the ASEE paper management system between Tuesday, September 3rd, and Monday, October 14th.

Deadlines:

- Abstract Submission Opens: **Tuesday, September 3, 2019**
- Abstract Submission Closes: **Monday, October 14, 2019**
- Notification on Acceptance/Rejection of Abstracts: **Monday, November 4, 2019**

For questions regarding paper submission and review, and also suggestions for panels, workshops, or other non-traditional sessions or interdivisional sessions, please contact the 2020 ELD Program Chair, David E. Hubbard, at hubbardd@library.tamu.edu.

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Looking Ahead to Montreal *(continued)*

2020 ELD Author Guidelines, revised September 2019

The 2020 ELD Author Guidelines (and rubric) are adapted from the ASEE Journal of Engineering Education author guidelines, modified for differences found with the ASEE Conference Author's Kit and Draft Paper Evaluation Rubric.

In the past, we have included the guidelines in the September newsletter. In the interest of space, we are making the link available for members to access as needed: https://sites.asee.org/eld/wp-content/uploads/sites/7/2019/09/ELD-Author-Guidelines-Final_2019.pdf



Are you submitting an abstract for the 2020 ASEE Conference in Montreal
or another conference?
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Conference Report, Tampa, FL 2019

Sunday, June 16

The 52nd ASEE Engineering Libraries Division program started early Sunday morning with a workshop on “Engineering Collection Development: Tools and Tips from Collective Wisdom.” The [slides embedded in the library guide](#) make an incredible resource for anyone who couldn’t attend this session. Workshop facilitators were Julia Gelfand (University of California, Irvine), Ibronke Lawal (Virginia Commonwealth University), Jill Powell (Cornell University), and Anne Rauh (Syracuse University). ACS sponsored this workshop.

As is tradition, in our summary of technical sessions below, we only note presenting authors.

The first technical session, “Informing the Critical Understanding of our Users: Using the Data to Develop New and Diverse Services,” was sponsored by ASCE. Linette Koren (Rochester Institute of Technology) moderated.

John Napp (University of Toledo) led with “Academic Libraries and the Strategic Vision for Diversity in Higher Education” [\[view paper\]](#) [\[view slides\]](#). One takeaway: to keep students from minority groups engaged, John partnered with ASEE, Society of Women Engineers (SWE), the National Society of Black Engineers, The Society of Hispanic Professional Engineers, etc. to develop collaborative workshops, training, etc.

Qianjin (Marina) Zhang and **Kari Kozak** (University of Iowa) followed with “Quick Understanding of Our Engineering Faculty Research Needs Using Topic Modeling” [\[view paper\]](#) [\[view slides\]](#). This three-months-long initiative reviewed thousands of bibliographic records of faculty publications, then used Latent Dirichlet Allocation to determine faculty areas of research and drive collection development, reference, and library instruction.

Kate Mercer and **Kari Weaver** (University of Waterloo) closed the formal presentations with “Understanding Undergraduate Engineering Student Information Access and Needs: Results from a Scoping Review” [\[view paper\]](#). This was a literature review of how engineering students approach/avoid research. One takeaway: engineering students respond favorably when “information literacy” is repositioned as “critical appraisal.” Remind students that “practicing engineers spent more time scoping their problem and gathering information than they might imagine.”

The discussion after was fascinating – Kate made a convincing case for meeting engineering students where they are: Google Scholar, even Wikipedia. She deemed it better to help them understand Google Scholar, and build a relationship that makes you a credible partner in their search, then lead to more advanced strategies. “90% of the information on Wikipedia is appropriate for patients and is the first line resource for many medical students,” said Kate.

ICE sponsored the Technical Session 2; Debbie Morrow (Grand Valley State University) moderated.

“Understanding the Research Practices and Service Needs of Civil and Environmental Engineering Researchers – a Grounded Theory Approach” [\[view paper\]](#) [\[view slides\]](#) was **Xiaoju “Julie” Chen’s** (Carnegie Mellon University) topic. “One significant point for many of the researchers was the tension between their desire to publish in open access venues and both the cost of open access publishing and the perceived quality of open access options in the field. To bridge the cost gap, some libraries are offering help with APCs.” Takeaways from the presentation: Yes, we want open access, but our first responsibility is to help researchers advance their careers; respect their drive to publish in high impact venues. Julie also noted that “these engineers (civil/environmental) are in desperate need of collaborators (very multidisciplinary) that can often be found through the professional literature.”

In “Building Support: Findings and Recommendations from Conversations with Civil and Environmental Engineering Researchers at Two Canadian Universities” [\[view paper\]](#) [\[view slides\]](#) **Rachel Figueiredo**

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Conference Report, Tampa, FL 2019 (continued)

(University of Waterloo), **Michelle Spence** and **Mindy Thuna** (University of Toronto) covered woes that many of their peers experience. Graduate students can't find proper keywords for searches; time pressure leads them to ResearchGate, even though they know they shouldn't use; they have little knowledge of data management, and leave school with their data, or leave behind notes that are indecipherable. While their libraries offer relevant training, getting the news to students continues to prove challenging.

Dr. Cristina D. Pomales-Garcia and **Jaquelina Ester Alvarez** (University of Puerto Rico, Mayaguez) presented "Design, Impact, and Best Practices for a Graduate Research and Innovation Center" [[view paper](#)] [[view slides](#)]. Their library's Center for Information Literacy created a Library Liaison Program to foster collaboration with other groups (see paper for complete list of ideas). Engineering librarians were particularly effective in partnering with the engineering faculty to present training sessions on: finding scholarly information, evaluating Internet resources, writing literature reviews, citing references, and presenting ethical issues related to academic integrity and plagiarism.

The Division Mixer followed. In addition to being well attended by ELD members, the ELD booth attracted a good bit of attention from other ASEE conference-goers. Thanks to all the ELD members who staffed the ELD booth this year! Later, people socialized at Backjack's Bistro Bar & Sushi, at a reception generously sponsored by SPIE and organized by Mel DeSart.

Monday, June 17

The 2019 conference built on the popularity of lightning talks with two sessions. AIAA, ASME, and IET sponsored, including the buffet lunch for ELD members. Highlights follow: [[view slide deck](#)] Sarah Parker (University of British Columbia) moderated this first session.

Erin Rowley (University of Buffalo) presented "Interview Presentation Topics for Subject Librarians: Trends from an Informal Survey." She discussed how to go against trends by avoiding the "teach a database/give talk on Trends/Future in (insert trendy topic here)."

NuRee Lee (McGill University) covered "A Deep Dive into Research Groups and Data Management." Tackling the problem of graduate students leaving with data, she's now embedded in six labs to teach proper data management throughout the research life cycle.

Jill Powell (Cornell University) titled her talk "How to Flourish in Scientific Publishing? Ask A Librarian." Jill went over the two-day "Research from Start to Publish" workshop that attracted over 130 participants from 16 departments. You can read her [libguide](#) for details.

In "Augmented Library: Bringing Vertically Integrated Projects into the Library" **Matthew Frenkel** (NYU) detailed how to integrate these projects, many inspired by engineering grand challenges, into the library and its community.

In "Standards: How UNLV Libraries Provide Access," **Susan Wainscott** and **Richard Zwiercan** (University of Nebraska, Las Vegas) spoke of their multi-pronged approach to improve use of standards, with better access to marketing, outreach, and instruction.

Tony Aponte (UCLA) captured audience attention with "Tipping Points: Cancelling Journals When ArXiv Access is Good Enough." Tony compared the pre-pub articles (those found on ArXiv.org) and published articles, and found the differences were insignificant; UCLA cancelled two journals, saving around \$15,000.

Aleshia Huber (Binghamton University) discussed how she used [OCLC's Green Glass](#) to facilitate a major deselection effort in "Conducting a Large Weeding Project Using Green Glass."

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Conference Report, Tampa, FL 2019 (continued)

Kelly Giles (James Madison University) showed the value some older engineering resources retained for decades in “How Old is Too Old? An Analysis of Engineering Circulating and Print Titles.”

Michael White (Queen’s College) presented “Bibliometrics as Outreach to Chemical Engineering Faculty.” Michael used Web of Science to determine top journals, publishers, subject categories, and collaborators to prepare reports on faculty research efforts. Some discretion used, but not always appreciated (faculty are competitive— imagine!)

David E. Hubbard (Texas A&M), in “The ABET Symposium: An Engineering Librarian’s Perspective,” discussed librarians’ place in the transition to ABET Criterion 3, Outcome 7, which requires that students have the ability to acquire and apply new knowledge. Fulfillment might include “identifying needed information for a project, examining sources for the information, determining an appropriate source and applying the information.”

After lunch, **Michelle Spence** moderated the second set of lightning talks [[view slide deck](#)].

David Pixton (BYU) led off with “Decision-based Learning for Information Literacy One-shots,” showing how students are more engaged when asked to think like experts through participation in scenario-based decision-making.

Sarah Parker: (University of British Columbia) presented “Maintaining Engineering Tutorials Using the Open Science Framework.” She gave details on a video series that helps engineering students hone their research skills, admitting “maintaining this series is difficult, but I successfully acquired assistance funding.”

Isabel Altamirano (Georgia Tech) shared “Embedded Librarianship at Georgia Tech.” This talk covered how Isabel and her colleague Bette Finn use different, effective approaches to classroom and individual student outreach and engagement.

Amber Janssen (California State University Maritime Academy) spoke on “Leveraging Assessment Results to Inspire Collaboration with Faculty.” By convincing faculty she could help with assessment/mapping, got her invited to senior capstone classes. As a result, measurement of information literacy, in one instance, got increased to 50% of grade.

Marina Zhang (University of Iowa) presented “Data Management for Students in an Analytical Core Research Group” about incorporating library data management mini-workshops into Iowa’s Superfund Research Program. Positive outcomes include a wiki page, best practices, and project data management plans.

John Teleha (North Carolina A&T) presented “Engagement through the 3MT Competition.” John discussed the history, value, and excitement of the 3 Minute Thesis Competition, which at his university included Judges’ Decision and People’s Choice awards.

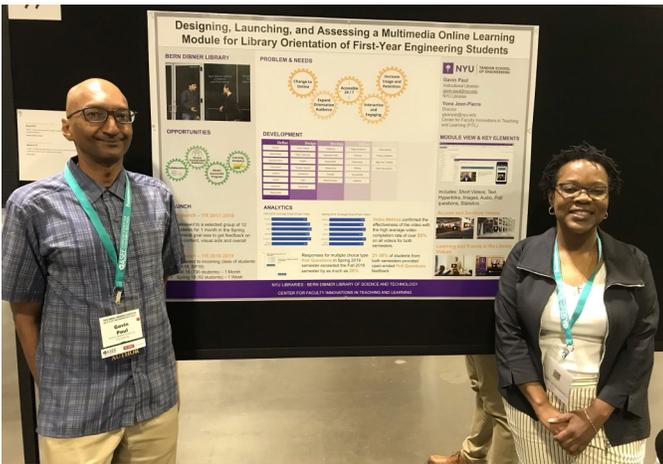
In “Library Value to Student Research: Sing It Loud” **Paula C. Johnson** (University of Arizona) introduced how she got funding to run a [Library Research Award program](#): “Win \$1,000 for telling us how you used the library!” She included the program’s [rubric](#).

Paul Grochowski (University of Michigan) discussed “3 Librarians, 2 Pizzas, 1 Table, and 10,000 Students: U-M Engineering Librarians’ Outreach Activities.” Partnering with graduate students, Paul’s team identified four topics for lunchtime workshops, and working with vendors, met students in high traffic areas for informal conversations and awareness-building.

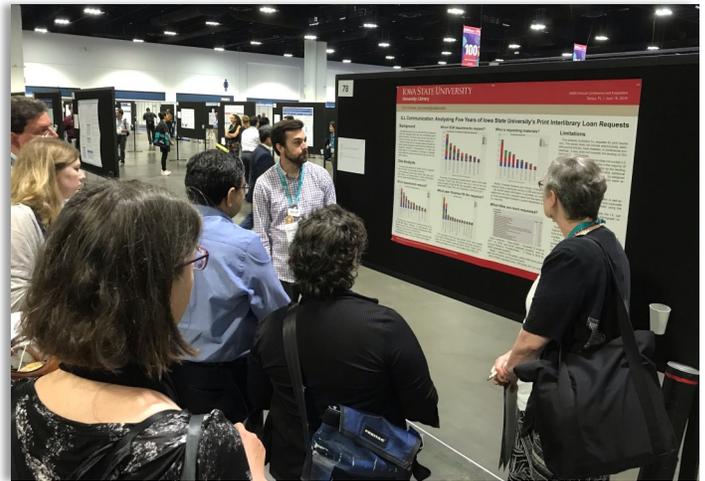
Sarah Lester (California Polytechnic Institute, San Luis Obispo) closed the ELD Lightning talks by sharing her “Diversity & Inclusion Research Guide,” a [work](#) specific to diversity, equity and inclusion as it relates to engineering education.

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Conference Report, Tampa, FL 2019 (continued)



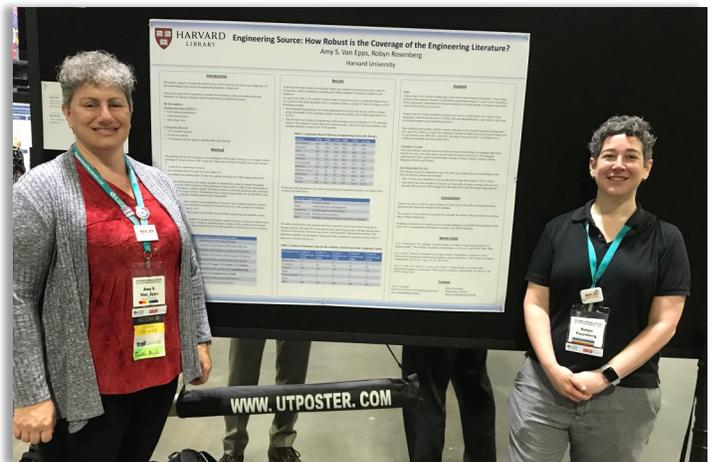
(Left) “Designing, Launching, and Assessing a Multimedia Online Learning Module for Library Orientation of First Year Engineering Students.” [\[view paper\]](#) [\[view poster\]](#) **Gavin Paul** and **Yona Jean-Pierre** (New York University)



(Right) “ILL Communication: Analyzing Five Years of Iowa State University’s Print Interlibrary Loan Requests.” [\[view paper\]](#) [\[view poster\]](#) **Eric J. Schares** (Iowa State University)



(Left) “The Great Coffee Hunt: An Augmented Reality Scavenger Hunt.” [\[view paper\]](#) **Kari Kozak** (University of Iowa)



(Right) Engineering Source: How Robust is the Coverage of the Engineering Literature?” [\[view paper\]](#) **Amy S. Van Epps** and **Robyn Rosenberg** (Harvard University)

Alfred Wallace (Christian Brothers University) moderated “Connecting with Administration, Faculty, and Students: Tools and Success Stories.” Panelists were **Daniel Christe**, (Drexel University), **Sally Fell** (Elsevier), **Kari Kozak** (University of Iowa), and **Anne Rauh** (Syracuse University).

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Conference Report, Tampa, FL 2019 (continued)

Sally talked about “building good relationships with the ‘hangout’ factor.” According to research by Baylor librarians Ellen Filgo and Sha Towers, informal relationships help in building more formal relationships; informal relationships happen outside of the library.

Kari called her approach “engineered chaos” with all sorts of engagement projects including:

- The Augmented Reality Scavenger Hunt
- Engineering Thesis Bootcamp – 2 days of 5-6 optional events per day for 15 to 20 grad students.
- Pi Day featuring a variety of pie and Pi trivia, centered around a resource fair.
- Creative Kick-Start Funding - find a faculty sponsor, provide cash awards to encourage students to explore the workability of their ideas.
- Living Book Event during National Library Week and Engineering Research Open House. Friday afternoon timing could have impacted attendance.
- Learn & Create Workshops: hands-on workshops, e.g. soldering, 3D printing, create a piano.
- An upcoming Innovation and Entrepreneurship Day co-sponsored with business library.

Daniel talked about engineering design as a phased process, and the Dunning-Kruger effect where “you don’t know what you don’t know” (undergrads think they are search experts; they’re not.) He recommends targeting “captive audiences,” e.g. classes and student organizations. Location matters – get out of the library! Get tactile (run them through simple, facilitated searches). “All of us are selfish – make it about them.” Ask grad students “are any of you published? Who is your thesis advisor?” and then look up those authors. The majority of undergrads end up in industry, make searches fun/relevant to their interests: search “favorite (or hardest) professors? Graduate school, technology or company of interest?”

Anne Rauh briefed the audience on a variety of projects at Syracuse, including: twice yearly [Resource Trials](#) to allow faculty to compare products, solicit ranked choice feedback for choosing between different products; [Vendor Visits](#) standardized for 2:00-3:00pm, so faculty can plan on it and include in their schedules; [Books in Humanities](#), and [Experts @ Syracuse](#).

From the Q&A that followed:

Q: How do you measure the success of your activities?

A: Surveys. Look to see if the soldering gun gets checked out more after the event where people learned how to use it. Number of registrants to attendees. Are those who come engaged and active? Qualitative feedback after the event.

Q: What would you never do again and why?

A: No events on Friday afternoon from 3:00-4:00pm. Nothing that is too far away from the engineering building or is next to a beer break session.

Q: What about the timing of events?

A: Everything takes longer to plan than you think (3X longer?) and there is not a good time for everyone. Regarding faculty, there are times when you can't find them; summer, grading period, first 2 weeks of school. Students - don't do anything too close to Thanksgiving or Spring Break.

Q: What are you looking forward to?

A: Research metrics challenge, and other short, easy things to do during a week. One day they have to sign up for an Orcid ID, etc. Innovation Day where the Technology Transfer Office and vendors are in the library to discuss patents, trademarks, and standards, Escape Room-style challenges, and Make-a-thons.

The panel session “Keeping Current with Scholarly Communication Issues” [[view slides](#)] was moderated by Sylvia Jones (Southern Methodist University) and sponsored by Begell House.

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Conference Report, Tampa, FL 2019 (continued)

Julie Arendt (Virginia Commonwealth University) covered “Open Access: Questions from Outside the Library.” She noted that students and faculty aren’t philosophical about OA/publishing; they want practical advice regarding pressing needs, e.g. (immediate) access to information, advice on determining credible journals, downside of pirated information, repository vs. ResearchGate, and, of course, “can you help pay?” See the slides for a list of resources she recommends to her community.

Paula Johnson (University of Arizona) spoke on “OERs” (Open Education Resources). For far too many students, sky-high text book prices hinder access to important course materials, and even influence course selection. The OER movement intends to enhance student retention, equity, collaboration, and teaching innovation, among other benefits. Paula’s slides include links to a wealth of resources on OERs.

Daniela Solomon’s (Case Western Reserve University) presentation “Where to Publish? Strategies for Selecting Appropriate Journals” covered questions to ask, provided a comprehensive list of where to find answers, and a summary of freely available tools to help with selection.

Tom Volkening (Michigan State University) used “The Promises and Perils of Journal Metrics” to provide a good overview of the who, what, where, and why of journal metrics, while also addressing concerns. Tom included several slides of resources available for librarians who may be new to these issues, how they currently impact their scholarly community, and what the future of metrics/altmetrics might look like.

Mel DeSart (University of Washington) concluded the session with a talk on “Copyright and Authors Rights: Common Author Issues.” In addition to “Copyright 101” Mel discussed how to help faculty and students determine what rights they want to keep/are willing to relinquish, and the tradeoffs involved. As with earlier presenters, Mel provides a wealth of curated info in his slides.

Then it was off to the ELD Annual Banquet at the Florida Aquarium! Organized by Bernadette Ewen, and sponsored each year by Elsevier, the evening included cocktails al fresco and options for self-guided tours of the Coral Reef Gallery and the Heart of the Sea. At right, Sally Fell, Amy Buhler, and Julie Cook enjoy the breeze before heading in to dinner in the Mosaic West room.



Wednesday, June 18

Willie Baer moderated Technical Session 3, “Beneficial Partnerships: Enhancing Library Programming with Strategic Collaborations,” sponsored by IOPP.

Emily K. Hart, (Syracuse University) in “Forming Key Partnerships to Enhance Graduate Student Programming” [\[view paper\]](#) discussed how she partnered with ASEE@SU. They combined assets (students lacked direction/had funds), and collaborated on strategies for event planning, marketing, and outreach, as well as data gathered through event feedback surveys. Doing so made for better connections, and understanding of ECS grad students’ needs. Events co-hosted were based on survey results and included “Speed Dating Research Experts,” outreach to international students, Mini Retreat, and a Soft Skills Boot Camp on most desired topics.

In “Library Partnerships to Support Data Analytics Engineering Programs” [\[view paper\]](#) **Theresa M. Caccagno** (George Mason University) discussed how to serve unique needs of a growing data analytics program, which included business analytics, cyber security analytics, financial engineering, predictive analytics, and more.

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Conference Report, Tampa, FL 2019 (continued)

“Maximizing the Effectiveness of One-time Standards Instruction Sessions with Formative Assessment” [[view paper](#)] by **Daniela Solomon** (Case Western Reserve University), and Dr. J. Thomas Chapin (Underwriters Laboratories Inc.) tackled how faculty don’t know how to teach standards! Here, librarian, faculty, and professional collaborated on instruction sessions, a case study relevant to the course, assignments, and guest speakers (through videos and/or campus visit). Continuing assessment was critical to successful iterations.

Technical Session 4, “Engaging Students with Creativity and Innovation,” was moderated by Denice Lewis (Wake Forest University) and sponsored by AWS.

Lindsay Anderberg, (New York University) presented “Hack Your Library: Engage Students in Information Literacy through a Technology-themed Competition” [[view paper](#)]. This resume-boosting semester-long “hack” got students meeting librarians, better understanding resources, and developing a bigger picture of product development and presentation.

Alison Henry (University of Alberta) contributed “Engaging Graduate Students with an Images of Research Competition” [[view paper](#)]. Grad students submit a high-resolution image plus a short, plain-language description explaining how the image relates to their research. The competition was judged on originality, aesthetic appeal, relationship between the image and the student’s research, and the clarity of the accompanying description.

In “Pop-Goes-The-Library! Using a Pop-Up Library to Reach STEM Students” [[view paper](#)] **Joanne Dera** (NJIT) bemoaned how “Less than 30% of undergraduate and graduate students knew that most of our resources were available online.” Read Joanne’s paper for interesting faculty quotes on library/librarians, results of interactions tracked (including best locations for pop-ups), and need for promotion, and identifying badges.

Chelsea Leachman moderated the last technical session of the 2019 conference, “Teaching Engineering Students and Library Staff: New Ideas and Best Practices.” Techstreet sponsored.

Sarah Jane Dooley (Dalhousie University) discussed “Designing a Reference Training Course and Cultivating a Community of Practice: Utilizing the LMS for Staff Training and Development” [[view paper](#)]. Sarah’s toolkit would be invaluable to those who, like her, might be inexperienced in instructional design and LMS. Included are “recommendations for simplifying the process using course design templates, creating learning outcomes based on Bloom’s Taxonomy, a list of freely available instructional design training videos, and best practices.”

Amber Janssen teamed with **Dr. William W. Tsai** (California State University, Maritime Academy) to present “Measuring Information Fluency Instruction: Ethical Use of Images in Engineering Student Presentations” [[view paper](#)]. Their research explored whether “integrating information fluency instruction pertaining to the ethical use of images into engineering lab sessions improves the quality of information fluency skills demonstrated in student presentations.” While the sample was small, the results were promising.

Closing the final session, in “Best Practices for Engineering Information Literacy Instruction: Perspectives of Academic Librarians” [[view paper](#)] **Jeanine Mary Williamson** (University of Tennessee, Knoxville) noted the “importance of the faculty referring the students to librarians ... and presenting the literacy skills as critical not only for an academic career but for success in professional career.” Also, “Students and engineers like to save time. They like tricks. Now if you call instructional sessions ‘hacks’, they like that.”

2019 Conference Awards Highlights



Homer I. Bernhardt Distinguished Service Award

Jill Powell, of Cornell University, is the 2019 recipient of the ASEE ELD Homer I. Bernhardt Distinguished Service Award. Her nominators' regard can be summed: "Jill is an example to all of us in outreach and helping our constituents, and in leading by example as a mentor to new librarians and sharing her experience and expertise to ensure the good of the profession and ELD." (Greater detail of Jill's contributions to ELD can be found in the May 2019 newsletter.)

At left, George Zajdel of ASTM, which sponsors the award, and outgoing ELD Award Committee Chair Amy Van Epps congratulate Jill as the 2019 Homer I. Bernhardt Award recipient.

For those who missed the award ceremony in Tampa, Jill shares her remarks, below.

Thank you, I'm so honored and humbled by this award.

I'd like to thank everyone who wrote letters on my behalf and on behalf of the other nominees this year.

I'd like to honor the award's namesake, Homer I. Bernhardt, who died of a heart attack at age 46 in 1982. ELD member Maurita Holland felt the award should honor him, since he had written a well-researched counter to the well-publicized paper that alleged only 10 percent of the University of Pittsburgh library collection was ever used.

His article called "Pitfalls of the Pitt Study" was published in 1979 at the ASEE conference, and I got ASEE's permission to upload it to our [awards website](#) in case any of you are interested.

Homer I. Bernhardt, "Pitfalls of the Pitt Study," American Society for Engineering Education, Annual Conference (Proceedings). June 25-28, 1979, Louisiana State University.

Homer disagrees with the author, a Pittsburgh faculty member, who said the library was spending too much money on books and journals. Homer exposed many flaws in the study, saying they inflated the number of journals by counting title changes and microforms which led to a figure 2.5 times higher than the actual number. And the study counted money spent on indexes as part of the journals budget. I found this bit of ELD history interesting.

Over the years I've learned so much from many of you about all aspects of librarianship, leadership skills, and event planning. Thank you!

Best Publication—Paper

Penn State University librarians **Carmen Cole**, **Angela R. Davis**, **Vanessa Eyer**, and **John J. Meier** shared the award for best paper: "[Google Scholar's Coverage of the Engineering Literature 10 Years Later](#)." The Award Committee praised "the methodology used—both its solidity and the clear documentation that will allow for future repeatability — and the fact that this study builds and expands on the findings from an earlier article by Meier and Conkling from 2008. In an era of shrinking collection budgets, the question of whether or not

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2019 Conference Awards Highlights *(continued)*

Google Scholar is a sufficient replacement for fee-based indexing resources becomes more pressing and studies like this help illuminate the strengths and weaknesses of Google Scholar as an alternative.”



Best Publication—Monograph

Jeanine M. Williamson (University of Tennessee, Knoxville) won a “Best Publication Award” for her monograph *Teaching to Individual Differences in Science and Engineering Librarianship: Adapting Library Instruction to Learning Styles and Personality Characteristics*.

The committee agreed that “Overall, this book presents a thoroughly researched overview of individual differences – personality traits and learning styles – and the impact and controversies associated with the influence these are believed to have on teaching and learning in science and engineering.”

Best Poster

With out-going ELD Awards Chair Amy Van Epps presenting a poster in this year’s ELD Poster Session, “ELD Awards Chair Emeritus” John Teleha had the privilege of assisting the ELD Awards Committee and in-coming ELD Awards Chair Erin Rowley. The enthusiastic authors of five creative and well thought-out posters made our work challenging.

The same two posters were rated at the top of each evaluator’s list. What followed was a spirited discussion of how the authors approached their subjects: one was more “traditional,” exhibiting qualities of an excellent paper presented as a poster, while the other took chances, incorporating technology into the poster, making it more of an interactive presentation.

The Committee was challenged to decide if the technology enhanced or overwhelmed the observer. Interestingly, the same discussion was held during the first-ever “ELD Best Poster Award” selection in Chicago in 2006. That year, the “traditional” poster was selected, paving the way for the next dozen years of “traditional” posters. Did we reach the same conclusion in 2019? In the end, we asked ourselves “If the technology wasn’t present, did the poster stand on its own? Was it still in the top two?” The answer was a resounding “yes!”



Thus, we were pleased to honor “The Great Coffee Hunt: An Augmented Reality Scavenger Hunt” by Kari Kozak with the 2019 ELD Best Poster Award! The poster exhibited a balanced flow among fun, engagement, and applicable concepts. Other characteristics that made this poster stand out included: a strong connection between active learning and applied knowledge; reproducibility by others, at some levels; and a well-organized event allowing the engineering freshmen to “have fun” while learning about their library.

Congratulations, Kari!
Respectfully submitted by John Teleha

Annual Business Meeting

2019 ASEE Annual Conference Marriott Waterside, Grand Salon E Annual Business Meeting

Tuesday June 18, 2019

The meeting was called to order at 8:16am by Division Chair Willie Baer. Willie welcomed ELD members to the annual business meeting. He thanked SAE for providing breakfast during the annual business meeting, as well as all ELD conference sponsors for their support.

Willie asked if everyone had a chance to review the minutes from the 2018 annual business meeting that were distributed in the September 2018 ELD Newsletter. Bruce Neville moved and Kari Kozak seconded that the minutes be approved. The motion passed.

As mentioned in the May 2019 ELD Newsletter, Amy Van Epps is stepping down from chairing the Awards Committee and Erin Rowley was appointed the new Chair. Kari Kozak is stepping down as Webmaster and Qianjin (Marina) Zhang was appointed as the new Webmaster. Bruce Neville was appointed our delegate to the ASEE Diversity, Equity, and Inclusion Committee. Willie thanked all the ELD committees for their work. He also mentioned how great it was to see a large number of new members attending the conference and encouraged them to approach committee chairs if they were interested in service opportunities.

PIC IV Report

Willie introduced Teri Reed, PIC IV Chair, who provided an update and answered questions. Beth M. Holloway, who was unable to attend, is the incoming PIC IV Chair. Teri stated that it has been a great conference and year. She then highlighted the following:

- Started a Best Paper Nominees Poster Session that will highlight previous year's nominees from each division. The Best Paper Nominees Poster Session held on Monday included 29 posters.
- A new section on the ASEE website will have links to best papers and a history of the ASEE awards.
- Moved the selection of best paper back a week and best diversity paper back to May 1st to improve timing.
- ASEE will no longer consider papers designated as "Works in Progress" for overall best paper at the PIC level.
- ASEE Code of Conduct has been in effect for the last two years. ASEE created an ethics task force to investigate how to handle complaints. ASEE Board will appoint a committee to handle violations of the ASEE Code of Conduct. It was also noted that moderators may not have the tools to handle situations that arise during a session. In response, ASEE has created a new handbook to help moderators in those situations.
- There is new K-12 conference rate [\$250].
- The Operating account is going away at the end of the fiscal year (9/30/19) and any funds in the account will be moved to the BASS Account without the 30% administrative fee. In future fiscal years, the money that would have gone into the Operating account will go into the BASS account without the administrative fee and unspent funds will not be harvested at the end of the fiscal year.

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Annual Business Meeting *(continued)*

- The ASEE Board approved a Request for Proposal (RFP) for a new content management system to replace Monolith. A RFP for the new system will be sent out in the next 6 months. A committee will be created to review the proposals. This will probably not impact the 2020 conference.
- ASEE will launch “Look for the Stars” to recognize first-time conference attendees. First-time annual conference attendees will be encouraged to come by and get a “star” for their badge.

Q&A WITH TERI REED

- There was a question about a discounted rate for librarians since K-12 now has a discounted rate. Teri said this would be a good time to revisit that idea.
- A question was asked about ASEE’s financial position and this year’s conference attendance. Teri stated that attendance was higher than Columbus, but lower than New Orleans. This is the fourth year in a row that ASEE has been able to place money back into reserves. The new management system that will replace Monolith will be expensive. ASEE is still working to build up reserves though the CFO, Joe Dillon, has been amazing at improving the finances. Overall individual membership has increased for the first time in a long time. PIC IV membership is up and has had the largest growth. All signs are positive.
- Gender neutral bathrooms at this year’s conference were mentioned and a question was asked about the possibility of ASEE considering such facilities at future conferences? Teri said ASEE is trying to hold future venues to providing gender neutral bathrooms.
- There was a comment about the conference program starting earlier and earlier. Teri said ASEE actually turned down workshops this year. Only the Taste of Tampa and Bias Training were on Saturday. The Bias Training on Saturday received three times the number of attendees as expected. ASEE did some experimenting with the schedule in the past, but Teri thinks ASEE has settled on Sunday workshops and the 7:30am sessions were eliminated. There is no intention to expand the number of days, but it is a full schedule.
- A question was raised about the likelihood of having WiFi throughout the conference venue in the future? Would have to ask Patti Greenawalt, Managing Director-Member Services, about future WiFi access. It depends on the conference site. Teri said that Patti knows that everyone wants WiFi throughout the venue.
- There was an issue with the room for our Sunday workshop. According to Monolith, our room capacity was 80. Sixty ELD members registered for the workshop but the room capacity was only 39. There were lots of rooms that were mostly empty for other workshops. Teri experienced a similar situation and will be happy to bring that issue back to ASEE. The Town Hall had 300 ticketed in a room for 100 occupants. It was emphasized that ELD members show up to workshops/session and the room situation has been an issue in the past.
- Regarding plans for the new management system. Will the mobile app be able to search across university affiliations and not just sessions? It was mentioned that other conference venues have mobile apps that do just that. Teri said to let ASEE know if we know of something out there that’s better. Teri has heard from others about the current session locator being “static.” The importance of being able to conduct an institutional search was seconded by another ELD member.
- There was a question about publishing ASEE conference papers under creative commons licenses. Teri discussed plagiarism and conference-to-journal issues. The Ethics Committee is looking into those issues. Teri mentioned looking into creative commons licenses.

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Annual Business Meeting *(continued)*

- There was a comment about how hard it is to work with ASEE PEER. Teri stated that ASEE PEER might be open for discussion with the purchase of the new system.

Teri then wished everyone a great conference.

OFFICER/CHAIR/TASK FORCE REPORTS AND UPDATES

Division Chair: Nothing beyond what is noted above or published in the May newsletter.

Program Chair, Julie Cook: Hoped everyone is enjoying the conference and asked everyone to provide feedback to her (outgoing Program Chair) or David Hubbard (incoming Program Chair), including ideas for the 2020 program.

Secretary/Treasurer, David E. Hubbard: No updates to the report published in the May newsletter.

Director, Bernadette Ewen: Reminded everyone about the annual banquet at The Florida Aquarium and the logistics. The event is sponsored by Elsevier. If you have any questions, please ask.

Accreditation & Standards Committee Chair, Julie Arendt: As reported in the May newsletter, the committee is developing a resource on how information literacy instruction relates to engineering learning outcomes (e.g., ABET). The committee is in the process of reviewing about 100 articles on the topic. There was also a survey sent out to determine what engineering librarians are teaching. The committee has received 113 responses. The survey will be sent again after the conference and remain open for three weeks.

Archivist, Zac Painter: Not present.

Awards Committee Chair, Amy Van Epps: No additional updates beyond the May newsletter. Awards will be presented later during the meeting. The committee still needs to judge posters, #75-79.

Development Committee Chair, Amy Buhler: No updates to the report published in the May newsletter. Mentioned there would be a committee meeting at 4:45pm today.

Electronic Discussion Lists Chairs, Craig Beard and Mel DeSart: No updates to the report published in the May newsletter. If you have suggestions for a CUEBALLS event for Wednesday night, forward to Mel DeSart.

Electronic Voting, Amy Van Epps: No updates. A question was asked about voter turnout. Amy indicated that there were 219 ballots sent and 115 completed.

Membership Committee Chair, Dave Schmitt: No updates to the report published in the May newsletter.

Membership Directory, Bernadette Ewen: Bernadette will circulate the membership directory for members to update during the conference.

Mentoring Committee Chair, Kevin Drees: No updates to the report published in the May newsletter. Kevin mentioned that the committee will meet at 9:30am today.

Newsletter Committee Chair, Kristen MacCartney: Kristen thanked her editors. The newsletter is looking for additions that cover the “softer side” of ELD. These additions might include pieces that promote member promotions/awards or share ELD reflections.

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Annual Business Meeting *(continued)*

Nominating Committee Chair, Bruce Neville: Bruce reported that we had an election for Secretary/Treasurer and Director and people didn't pull out.

Publications Committee Co-Chairs, Amani Magid and Lisa Ngo: Not present.

Scholarly Communications Committee Chair, Daniela Solomon. Daniela mentioned that the committee published best practices for increasing the visibility of an individual's scholarly activities to the ELD webpage. The committee is also working hard to make ASEE-ELD conference papers more visible through indexing in EBSCO and ProQuest databases. ASEE had already signed an agreement with EBSCO to have all ASEE conference papers indexed in Academic Search Complete. As a result of the committee's inquiries, EBSCO also agreed to have ASEE-ELD papers indexed in LISTA database and ASEE signed an agreement with ProQuest to index ASEE-ELD papers in the LISA database. If you have a Google Scholar Profile, please forward to the committee for inclusion in the ELD Google Profile.

Webmaster Committee Chair, Kari Kozak: The ELD Website is up and going. No major issues. There is an opening on the committee.

NEW BUSINESS: None to report.

AWARDS AND RECOGNITIONS

Dave Schmitt recognized the following members for their years of activity in the division on behalf the Membership Committee.



10 years since joining (l-r) Debbie Morrow, Willow Dressel, Anne Rauh, Michelle Spence, with Membership Chair Dave Schmitt (not pictured: Paula Johnson, Sylvain Meunier)



(l-r) 20 years, John Teleha; 25 years, Carol Solomon; 30 years; Mel DeSart (not pictured: 25 years, Christina Byrne)

15 years: Joel Claypool, Scott Hawker, Linette Koren, Michael Morgan

Homer I. Bernhardt Distinguished Service Award: Amy Van Epps thanked George Zajdel and ASTM for their support and sponsorship of the award. **Jill Powell**, Cornell University, was then presented with the Homer I. Bernhardt Distinguished Service Award by Amy Van Epps. Quoting from one of Jill's nomination letters, Amy noted that "she is a terrific role model and mentor for librarians."

Continued on next page...

Annual Business Meeting *(continued)*

It was also noted that she started the best poster award. Jill was glad that we could honor the award's namesake. She also mentioned that she has learned a lot through ELD, like leadership and event planning. Amy discussed the history of the hat accompanying the award after presenting it to Jill. See page 13 for more about the Homer I. Bernhardt Distinguished Service Award.

ELD Best Poster Award: The Best Poster will be awarded after the poster session today. See page 14 for the outcome!

Travel Stipends: Larry Thompson named those that received 2019 ELD travel stipends and then selected 2020 Morgan & Claypool travel stipend recipients.

2019 Travel Stipend Recipients:

- **Morgan & Claypool Travel Stipend:** Kevin Drees, Chelsea Leachman, John Napp, and Renee Walsh
- **Elsevier Travel Stipend:** Alison Henry
- **ASTM Travel Stipend:** NuRee Lee and Sarah Parker
- **IEEE Travel Stipend:** Bernadette Ewen, Sylvia Jones, and Alfred Wallace



Stipend awardees (l-r) Renee Walsh, Alfred Wallace, Sylvia Jones, Alison Henry, NuRee Lee, John Napp, Bernadette Ewen

2020 Morgan & Claypool Travel Stipend Recipients: Larry randomly selected the winners. The first two receive travel stipends and the next three are alternates if the first two are unable to attend: Bernadette Ewen, Kari Weaver, Erin Rowley, Sarah Parker, and Marian Armour-Gemmen. Larry announced that Bernadette Ewen will be taking over managing the travel stipends starting in Montreal.

GENERAL ANNOUNCEMENTS

- Michael White invited all poster presenters to gather before the poster session for a group photo.
- William Bowman announced that there is a Scholarly Communications Librarian position opening at the Florida Institute of Technology.

Continued on next page...

Annual Business Meeting *(continued)*

- Larry Thompson invited travel stipend winners for a group photo after the business meeting.
- Linette Koren announced that the Rochester Institute of Technology will be hosting the ASEE St. Lawrence Section Conference on April 3-4, 2020 in Rochester, NY.
- Canadian librarians (or any ELD member that wants to hang out with Canadian librarians) are meeting up at Starbucks downstairs at 10:00am.
- Willie Baer suggested getting your passport early for ASEE 2020.
- Michelle Spence stated that the U.S. dollar will go far in Canada.
- Mel DeSart mentioned that the hat accompanying the Homer I. Bernhardt Award started with Bill Mischo (University of Illinois) in 2001. A tradition of awardees adding their university pins to the hat developed later, and pins for earlier awardees have been added, but it has taken 18 years to finally add a University of Illinois pin for Bill Mischo (with Mel holding up a University of Illinois pin to finally add to the hat).

The meeting was adjourned at 9:30am
Respectfully submitted,
David E. Hubbard

Thank you to our "Sweet 16" - ELD Sponsors 2019



Spotlight on Diversity

Report from the Division Delegate
to the ASEE Committee on Diversity, Equity, and Inclusion (CDEI)

<https://diversity.asee.org/deicommitee/>

At the Tampa meeting, I was asked to be the Division's Delegate to the Society's Committee on Diversity, Equity, and Inclusion (CDEI). I am honored and excited about this new opportunity to serve the Division and the Society, because matters of diversity, equity, and inclusion are very important to me. We, as a Division, have not had good representation on the Committee, and I hope to change that.

The CDEI has a page on the Society's website, but it's hard to find. I've included the URL at the top. The Committee has a three-tiered structure. The Committee itself consists of 13 Standing Members appointed by the ASEE Board. These are the voting members. Then there are the Division Delegates, who are non-voting members. Any Division, such as ours, that has diversity language in its bylaws is eligible to appoint a Delegate to the Committee. Our function is to communicate between the Division and the Committee and to serve on one or more of the working subcommittees of the Committee. A third membership category, Friends of the Committee, has been established for any ASEE member with an interest in DEI who wants to contribute to the work of the committee. If you are interested in becoming a Friend of the Committee, you can register at the Committee's website to join the listserv. Friends can participate in subcommittee work, but are non-voting.

Last year, the Committee released a STEM Inclusion Study funded by NSF. It's a climate study of various under-represented groups in engineering, both Academia and Industry. I can't find a copy on the website, but I have a copy. Please email me if you would like to see a copy.

We recently had our first conference call of the Committee. The call was mostly procedural. I have submitted my three choices for subcommittees, but have not yet received my assignment.

While we're on the subject of DEI, please consider submitting a paper for the Best Diversity Award. We have not had a paper for consideration in several years. Fewer than half of the Divisions in our PIC nominate papers for the Best Diversity Paper Award, and it contains Divisions like Women in Engineering, Minorities in Engineering, and International Division! Surely, we can come up with some great papers on DEI! Remember, however, that diversity must be a central theme of the paper, not just tangential.

As I said, my goal is to improve communication between the Division and the Committee. I made a point to meet Becca Bates, the current Chair, in Tampa, so the Committee already knows we're serious about our commitment to DEI. I plan to have a regular report for the Division newsletter on activities of the Committee. If you have concerns about DEI for me to relay to the Committee, please don't hesitate to let me know.

Bruce Neville, bneville@tamu.edu, Division Delegate

Committee Reports

Accreditation and Standards Committee

Julie Arendt, Chair

By Jay McAllister for the Accreditation and Standards Committee

The ELD Accreditation and Standards Committee conducted a survey to get an understanding of the content, instruction, and related areas that engineering librarians teach to engineering students. The committee would like to thank members and the ELD listserv for participating in the survey. The survey was released in the spring of 2019 and over 125 responses were gathered. Some of the responses showed that engineering librarians teach a variety of topics. Some of the strongest concentrations focused on the areas of information literacy, engineering specific library resources, and citation management. The lowest concentrations were coding and programming skills, project organization, and data management. Some of the top engineering resources taught to students are articles, databases, standards and codes, handbooks and reference books, and patents.

According to the survey, masters and doctoral students were the largest audience for these topics, followed by juniors and seniors. Freshmen and sophomores had the least exposure, particularly in areas of scholarly communication, project organization, and data management. A large majority of engineering librarians teach engineering library resources on a semester or quarterly basis. Course-related instruction was the primary method of teaching, followed by individual or group consultations and workshops. When it comes to assessing student learning, of 88 responses, 17 indicated that they did not conduct assessment. There were different forms of assessment mentioned, from instructor feedback, pair share, surveys, quizzes, and pre- and post-testing, with no one method predominating. The Accreditation and Standards Committee hopes that this survey can be used again in the future to observe any changes to the current methods of teaching and instruction.

Archives Committee

Zac Painter, Chair

The proposal to digitize the Archives has experienced some delays. This is something we've discussed in the EEC for a little over a year, and we'd like to open it up a little to the wider membership for feedback. If you have any input or suggestions, or know of vendors or in-house services to digitize materials, please contact the ELD Archivist, Zac Painter (zwp@stanford.edu). In addition, the Archives is always looking for new materials related to Division business and history. If you have items to contribute, please do let Zac know.

Membership Directory

Bernadette Ewen, Chair

The ASEE ELD Directory of Members is up to date as of September 3, 2019. Current ASEE ELD members can download a copy of this directory at <https://sites.asee.org/eld/member-directory/> using the password that was shared on the eld-l listserv in mid-September. If current ASEE ELD members wish to either have a PDF copy of the current directory e-mailed to them, or if they wish to have their directory information updated, they should e-mail ewen@rose-hulman.edu. Changes to the directory will be reflected in the next published update to the ASEE ELD Directory of Members. Thank you to David Schmitt (Membership Chair), Mel DeSart (Electronic Discussion Lists Chair), Marina Zhang (Webmaster), and all other members who provided me with current contact information.

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

Continued on next page...

Committee Reports *(continued)*

Mentoring Committee

Kevin Drees, Chair

The Mentoring Committee welcomes feedback from the ELD Membership for the following questions.

1. Should we consider writing an article for publication regarding what constitutes a well-written paper? What guidance from a mentor helps a writer produce a strong paper?
2. How might the visibility and use of the Friendly Paper Review Service be increased? The Friendly Paper Review Service is a resource for confidential, impartial, and constructive feedback for your papers.

You may submit a paper for review at any point during the writing process. The members of the Mentoring Committee provide this service.

Publications Committee

Amani Magid and Lisa Ngo, Co-Chairs

The Publications Committee will be working to update our reviewer guidelines this year in an effort to make the review process clearer and more useful for both reviewers and authors. Many thanks to committee members David Hubbard, Marina Zhang, Matt Hayward, Sarah Over, and Sylvia Jones for taking on this task!

If you are interested in volunteering for the publications committee, please send us a message (Ingo@berkeley.edu or amani.magid@nyu.edu).

Scholarly Communications Committee

Daniela Solomon, Chair

The SCC is recommending that everyone increase the visibility of their own publications by creating a personal Google Scholar profile. We also would like to invite everyone to join the [ELD Google Scholar Profile](#). Send your personal Google Scholar profile link to eld-p@u.washington.edu and the SCC would be happy to add your publications to the ELD-GS profile. The SCC is looking forward to hearing from all of you!

Spotlight on Members

Welcome New Members

Jessica Darczuk works in Digital Collection Sales for the Americas at ASME. She has been in the position for 5 years, and previously worked in Publishing Sales at John Wiley & Sons. She earned her B.A. from Rutgers University. When asked for an interesting fact about her life, Jessica mentions being a first generation Argentinian/Italian, with Spanish as her first language.



Rachel Martinez (left) works at Arizona State University as the Library's STEM Librarian. "I provide instruction, data, and research help to any of the interdisciplinary STEM programs at ASU, and have been in my current position since June 3rd. Prior to ASU, I worked in paraprofessional library positions at Raytheon Missile Systems, Pima County Public Library, and the University of Arizona. I got both my bachelor's and master's degrees from University of Arizona (#beardown), and am taking classes in instructional design here at Arizona State. I just got back from an impromptu family road trip that took us from the deserts of central Arizona all the way up to the North Rim of the Grand Canyon. This is a pretty big deal for me, as I don't consider myself a spontaneous person at all. I also love birdwatching and nature hikes."

On May 1, **Paul McMonigle** joined Pennsylvania State University as Engineering Instruction Librarian. "I am mostly responsible for instruction, outreach, and engagement for the 8,000+ undergraduates and 1,600+ graduate students of Penn State's College of Engineering. This is my first job out of library school (yes, it does feel like I've been thrown into the deepest end of the pool, but I have some outstanding lifeguards). I received my BA in History from Penn State and my MS-LIS from Syracuse University. Before I decided to become a librarian, I spent 15 years on Active Duty in the US Army."

Rachelle Ramer writes, "I started in mid-July at Colorado State University's Morgan Library. My title is Science Liaison Librarian, and I support the teaching, learning, and research needs of the six departments in the College of Engineering as well as the Physics and Chemistry departments. Prior to joining CSU, I worked as the Science Librarian at Vassar College, and before that I worked at the Grainger Engineering Library at UIUC while pursuing my MLIS degree. I have a BA from Goshen College where I majored in Physics, a MS in Medical Physics from the University of Texas Health Science Center at San Antonio, and my MLIS is from the University of Illinois at Urbana-Champaign. One interesting thing about me is that I spent three years living and working in Japan as part of the JET program."

Denise A. Wetzel joined Florida State University Libraries in January 2018. At FSU, she serves as a STEM Research and Learning Librarian for the following areas: College of Engineering; Department of Earth, Ocean, and Atmospheric Sciences; Department of Physics; Department of Biological Sciences; Department of Mathematics; Department of Statistics; and the Department of Nutrition, Food, and Exercise Science. She also serves as the patent specialist for STEM researchers. She holds a B.H. in Interdisciplinary Studies from the Pennsylvania State University and a Masters in Library and Information Studies from the University of Alabama. Currently, Denise is pursuing a Masters in Aquatic Environmental Science with Florida State University's Department of Earth, Ocean, and Atmospheric Science.

Denise is a member of Atmospheric Science Librarians International (ASLI), the American Meteorological Society (AMS), the American Society of Engineering Education/Engineering Libraries Division (ELD) and the American Library Association (ALA). Before joining FSU, Denise worked for Mississippi State University Libraries (Extension and Instruction Librarian), the



Continued on next page...

Spotlight on Members

Alabama Public Library Service (PR Librarian), and as an ESL Kindergarten Teacher overseas. In her free time, she writes, “I enjoy relaxing on the Gulf Coast beaches and spending time with my Shih Tzu, Chewbacca Stanley, although he is not a fan of the Florida heat.”

ELD Members News

Syracuse University Libraries announces several promotions effective July 1, 2019:

Anne Rauh, Collection Development and Analysis Librarian and Interim Head of Collections and Research Services, has been promoted from Associate Librarian to Librarian, the Libraries’ highest rank.

Scott Warren, Associate Dean for Research and Scholarship, has been promoted from Associate Librarian to Librarian, the Libraries’ highest rank.

“What do the Lego Dinosaur at Disney Springs, and the ACS Spring 2019 National Meeting & Exposition in Orlando have in common?” To find out, read the [article](#) **Syracuse University** Science and Engineering Librarian **Emily Hart** wrote about her experience at the ACS annual conference for *ACS Axial*.

* * *

Scott Curtis was promoted to Librarian IV at **University of Missouri-Kansas City** as of September 1, 2019. This year he is also serving as the Chair of UMKC’s Librarians’ Council, the faculty governance organization for UMKC Libraries.

