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2019 ACRL-STS Liaison Program Report

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ACRL-STS Liaison Program Report

2019 American Society for Engineering Education (ASEE) Annual Conference, Engineering Libraries Division (ELD) June 16-19, 2019, Tampa, Florida

Prepared by Margaret Phillips | Assistant Professor, Engineering Information Specialist | Purdue University

Organization

ASEE-ELD currently has ~175 members, of which ~100 regularly attend the annual conference that is typically held in mid-to-late June. The members largely consist of engineering librarians and information professionals interested in the intersection of engineering education and librarianship. Outside of the conference, an electronic discussion list (ELD-L) serves as the primary mode of communication between members. Additionally, ELD sponsors a second electronic discussion list (ELDNET-L) open to both members and non-members that addresses issues related to, or of interest to, engineering and related subject librarians. Visit <https://sites.asee.org/eld/> to learn more about these discussion lists, travel stipends that are typically available for the conference and ASEE-ELD in general.

Current ASEE-ELD Officers

Division Chair - Julie Cook, julesck@uw.edu
Information Services Librarian
University of Washington Engineering Library

Program Chair and Chair Elect - David Hubbard, hubbardd@library.tamu.edu
Science and Engineering Librarian
Texas A&M University

Secretary-Treasurer- Kari Kozak, kari-kozak@uiowa.edu
Head, Lichtenberger Engineering Library
University of Iowa

Immediate Past Chair -William Baer, wbaer@nd.edu
Research Services Librarian for Engineering
University of Notre Dame

Director, 2018-2020 - Michelle Spence, michelle.spence@utoronto.ca
Engineering and Computer Science Librarian
University of Toronto

Director, 2019-2021 - Eric Schares, eschares@iastate.edu
Engineering Librarian
Iowa State University

2019 Annual Conference Summary

The 2019 ELD conference program included:

- A three-hour engineering collection development workshop - *“Engineering Collection Development: Tools and Tips from Collective Wisdom.”* Julia Gelfand (University of California, Irvine), Ibironke Lawal (Virginia Commonwealth University), Jill Powell (Cornell University), and Anne Rauh

(Syracuse University) facilitated the workshop. This library guide contains materials from the workshop: <http://guides.library.cornell.edu/eldcollections>

- Five technical sessions, consisting of 15 peer-reviewed paper presentations:
 - Session 1: “Informing the Critical Understanding of our Users: Using the Data to Develop New and Diverse Services,”
 - Paper 1: *Academic Libraries and the Strategic Vision for Diversity in Higher Education*, John B. Napp (University of Toledo) and Arjun Sabharwal (University of Toledo)
 - Paper 2: *Quick Understanding Our Engineering Faculty Research Needs Using Topic Modeling*, Qianjin Zhang (University of Iowa) and Kari Kozak (University of Iowa)
 - Paper 3: *Understanding Undergraduate Engineering Student Information Access and Needs: Results from a Scoping Review*, Kate Mercer (University of Waterloo), Kari D. Weaver (University of Waterloo), and Ariel Jocelyn Stables-Kennedy (Western University)
 - Session 2: “Making an Impact: Building Support with Data and Design,”
 - Paper 1: *Design, Impact and Best Practices for a Graduate Research and Innovation Center*, Hilda Teresa Ayala-Gonzalez (University of Puerto Rico, Mayagüez), Cristina D. Pomales-Garcia (University of Puerto Rico, Mayaguez), and Jaqueline Ester Alvarez (University of Puerto Rico, Mayaguez)
 - Paper 2: *Building Support: Findings and Recommendations from Conversations with Civil and Environmental Engineering Researchers at Two Canadian Universities*, Rachel Figueiredo (University of Waterloo), Angela Henshilwood (University of Toronto), Michelle Spence (University of Toronto), Mindy Thuna (University of Toronto), and Siu Hong Yu (University of Waterloo)
 - Paper 3: *Understanding the Research Practices and Service Needs of Civil and Environmental Engineering Researchers – a Grounded Theory Approach*, Xiaoju "Julie" Chen (Carnegie Mellon University), Jessica Benner (Carnegie Mellon University), Sarah Young (Carnegie Mellon University), and Matthew R. Marsteller (Carnegie Mellon University)
 - Session 3: “Beneficial Partnerships: Enhancing Library Programming with Strategic Collaborations,”
 - Paper 1: *Forming Key Partnerships to Enhance Graduate Student Programming*, Emily K. Hart (Syracuse University), Alex Vincent Jannini (Syracuse University), Alexander J. Johnson (Syracuse University), and Katy Pieri (Syracuse University)
 - Paper 2: *Library Partnerships to Support Data Analytics Engineering Programs*, Wendy Mann (George Mason University), Theresa M. Calcagno (George Mason University), and Deborah Ann Kermer (George Mason University)
 - Paper 3: *Maximizing the Effectiveness of One-time Standards Instruction Sessions with Formative Assessment*, Daniela Solomon (Case Western Reserve University), Ya-Ting T. Liao (Case Western Reserve University), and J. Thomas Chapin (Underwriters Laboratories Inc.)
 - Session 4: “Engaging Students with Creativity and Innovation,”

- Paper 1: *Hack Your Library: Engage Students in Information Literacy through a Technology-themed Competition*, Lindsay Anderberg (New York University), Matthew Frenkel (New York University), and Mikolaj Wilk (New York University)
 - Paper 2: *Engaging Graduate Students with an Images of Research Competition*, Alison Henry (University of Alberta) and Lucinda Johnston (University of Alberta)
 - Paper 3: *Pop-Goes-The-Library! Using a Pop-Up Library to Reach STEM Students*, Joanne Dera (New Jersey Institute of Technology), Davida Scharf (New Jersey Institute of Technology), Joseph J. Mercuri (New Jersey Institute of Technology), and Raymond Patrick Vasquez (New Jersey Institute of Technology)
 - Session 5: “Teaching Engineering Students and Library Staff: New Ideas and Best Practices.”
 - *Designing a Reference Training Course and Cultivating a Community of Practice: Utilizing the LMS for Staff Training and Development*, Sarah Jane Dooley (Dalhousie University)
 - *Measuring Information Fluency Instruction: Ethical Use of Images in Engineering Student Presentations*, Amber Janssen (California Maritime Academy) and William W. Tsai (California State University, Maritime Academy)
 - *Best Practices for Engineering Information Literacy Instruction: Perspectives of Academic Librarians*, Jeanine Mary Williamson (University of Tennessee, Knoxville), Dr. Natalie Rice (University of Tennessee), Carol Tenopir (University of Tennessee, Knoxville), Jordan Kaufman (Affiliation unknown), Courtney June Faber (The University of Tennessee at Knoxville), and Rachel McCord (The University of Tennessee at Knoxville)
- A poster session, consisting of five peer-reviewed paper presentations:
 - Poster 1: *Establishing a Tech Tool Library with Instructional Resources at an Academic Institution*, Jean L. Bossart (University of Florida), Samuel R. Putnam (University of Florida), and Sara Gonzalez (University of Florida)
 - Poster 2: *Designing, Launching, and Assessing a Multimedia Online Learning Module for Library Orientation of First-year Engineering Students*, Gavin Paul (NYU’s Tandon School of Engineering), Yona Jean-Pierre (New York University), and Ana Torres (New York University)
 - Poster 3: *ILL Communication: Analyzing Five Years of Iowa State University's Print Interlibrary Loan Requests*, Eric J. Schares (Iowa State University)
 - Poster 4: *The Great Coffee Hunt: An Augmented Reality Scavenger Hunt*, Kari Kozak (University of Iowa)
 - Poster 5: *Engineering Source: How Robust is the Coverage of the Engineering Literature?*, Amy S. Van Epps (Harvard University) and Robyn Rosenberg (Harvard University)
- Three panel sessions:
 - Panel 1: *Articulating the Value of Our Daily Work: An Initial Discussion of the Assessment Challenges of Engineering Librarians*, Amy G. Buhler (University of Florida), Margaret Phillips (Purdue University), and Amy S. Van Epps (Harvard University)

- Panel 2: *Connecting with Administration, Faculty, and Students: Tools and Success Stories*, Kari Kozak (University of Iowa), Daniel Christie (Elsevier), Anne E. Rauh (Syracuse University), and Sally Fell (Elsevier)
- Panel 3: *Keeping Current with Scholarly Communication Issues*, Mel DeSart (University of Washington), Daniela Solomon (Case Western Reserve University), Tom C. Volkening (Michigan State University), Julie Arendt (Virginia Commonwealth University), and Paula C. Johnson (University of Arizona)
- The Annual ELD business meeting – Members gave officer, chair, and task force reports. Additional highlights included:
 - Homer I. Bernhardt Distinguished Service Award – presented to Jill Powell (Cornell University),
 - Best Publication – Paper award - presented to Penn State University librarians Carmen Cole, Angela R. Davis, Vanessa Eyer, and John J. Meier for *Google Scholar's Coverage of the Engineering Literature 10 Years Later*,
 - Best Publication – Monograph award - presented to Jeanine M. Williamson (University of Tennessee, Knoxville) for her book *Teaching to Individual Differences in Science and Engineering Librarianship: Adapting Library Instruction to Learning Styles and Personality Characteristics*.
 - At a later session, Kari Kozak (University of Iowa) was presented with the 2019 ELD Best Poster Award for *The Great Coffee Hunt: An Augmented Reality Scavenger Hunt*.
 - A full meeting report is detailed in the [September 2019 ELD Newsletter](#).
- A lightning talk session where 19 engineering librarians each gave 3-minute presentations and 12 vendor representatives each presented one-minute updates. The presentations and updates are detailed in the [September 2019 ELD Newsletter](#).
- Several vendor sponsored social events, such as the annual IEEE-sponsored ELD Welcome Reception at the Columbia Café of the Tampa Bay History Center, and the ELD Annual Banquet at the Florida Aquarium, sponsored by Elsevier.

The full ASEE ELD program, with links to the peer-reviewed papers and many of the slide decks and posters, is available at <https://sites.asee.org/eld/conference-info/2019-annual-conference/>. Additionally, the databases Ei Compendex and Scopus index the ASEE conference proceedings and the open repository ASEE PEER (<https://www.asee.org/search/proceedings>) provides access to the full text.

2020 Annual Conference:

2020 ELD Program Chair, David E. Hubbard, disseminated the following call for papers on October 1, 2019:

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 20th 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: September 3, 2019
- Abstract Submission Closes: October 14, 2019
- Notification on Acceptance/Rejection of Abstracts: 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.