

DECEMBER 2022

# Engineering Libraries Division

American Society for Engineering Education



## Newsletter Highlights

### MESSAGE FROM THE CHAIR

By Daniela Solomon



Greetings ELD Colleagues,

Greetings from the grey Cleveland! After enjoying an unusual blue-sky and very dry summer, we are back to our regular sky color, enjoying the rain, and anxiously expecting to see which winter weather forecast Mother Nature chooses to prove right. I am, however, excited about the semester coming to an end soon

and the weeklong break for the holidays.

Something else I am excited about is the next year's ASEE Annual Conference that is scheduled on June 25-28, 2023 in Baltimore, MD. Despite the unexpected ASEE deep financial issues that unraveled this fall, I found reassuring the ASEE leadership's commitment to planning the conference as usual and prioritizing funding the conference activities over everything else. It was also great to hear during the Town Halls discussions about the steps taken to redress ASEE finances and that the ASEE members rallied to support the organization and submitted a record high number of abstract proposals. Lisa Ngo, our Program Chair, has been diligently working with the Program Committee and many others to plan and organize the ELD agenda.

The conference is a wonderful opportunity for professional development, networking, and making friends so I encourage you to consider attending. If travel funding is limited at your institution, I invite you to apply for one of the need-based travel stipends that we are fortunate to provide through the generous support of our sponsors. More information will be provided in January by the Development Committee once all sponsors are confirmed. Many thanks to all our sponsors for their support.

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

## MESSAGE FROM THE CHAIR, *CONTINUED*

ELD is committed to providing professional support to all its members beyond the annual conference. Thanks to the Professional Development Committee initiative to organize a series of free webinars on topics of interest to ELD-ers, I hope you enjoyed the sessions offered so far this fall and plan to attend future sessions. A task force is also investigating the feasibility of organizing a mid-year ELD event and I hope you provided your feedback by responding to the survey sent by Sarah Barbrow at the beginning of the month.

The following committees will need to renew leadership either by having the current chair reappointed or have a new chair appointed for the 2023-2025 period.

Archives – Zachary Painter, Co-Chair  
Awards – Erin Rowley, Chair  
Communications – Denise Wetzel, Chair  
DEI – Sarah Lester, Chair  
Electronic Voting – Eric Schares, Chair  
Membership Directory – Paula Johnson, Chair  
Professional Development – Kevin Drees, Chair  
Publications – Sarah Over, Chair  
Web – Marina Zhang, Chair

Zac, Denise, Sarah Lester, Eric, Paula, and Kevin have accepted reappointment. The Publications Committee is in need of a Co-Chair, and the Awards Committee is in need of a new Chair. The Web Committee will have a new Chair, Yuening Zhang, starting in January 2023. If you are ready and willing to serve as a committee chair, please send a brief email stating your interest to me at [daniela.solomon@case.edu](mailto:daniela.solomon@case.edu). The ELD Executive Committee will appoint chairs following elections in spring, to take effect after the Conference in June. A complete list of committee and appointed position descriptions is available on our website at: <https://sites.asee.org/eld/about-the-eld/officers-committees/leadership-position-descriptions>.

As you may recall, we also invited you to participate in a survey to support the renewed initiative to request a reduced librarian ASEE conference registration fee from the ASEE leadership. Thanks to your responses, we believe we have strong arguments for our request and intend to follow through with our PIC Chair. Another project underway is the development of the ELD presence on OSF with the goal to preserve the ELD internal organizational knowledge. The EEC approved this project and we are moving along with developing the framework, guidelines, and policies necessary for the completion of this project.

Please be sure to read below in this newsletter to see all the great and wonderful things being done by our ELD members and how you too can get involved.

If you have any questions, comments, or ideas, please feel free to contact me at [daniela.solomon@case.edu](mailto:daniela.solomon@case.edu).

Here's wishing you all an enjoyable and peaceful holiday season,  
Daniela Solomon, ELD Division Chair, 2022-2023

# REGISTRATION FEE SURVEY RESULTS REPORT

We received a total of 63 responses representing approximately 30% of the ELD members. While the response rate was positive, we hoped to see a higher rate, given the importance of this topic to our division. Interestingly, 49% are newer ELD members with less than five years of membership. These numbers demonstrate the newer members' strong interest in engaging with the division and give us hope for a strong and secure ELD future.

Members were asked to report memberships to professional organizations to identify where ELD members might be allocating funds for either memberships or conferences. The results are shown in Figure 1. Given that most of the responses came from newer ELD members, it is interesting to see that the SLA membership at only six responses. The Other category was mainly related to discipline-specific organizations such as the American Chemical Society.

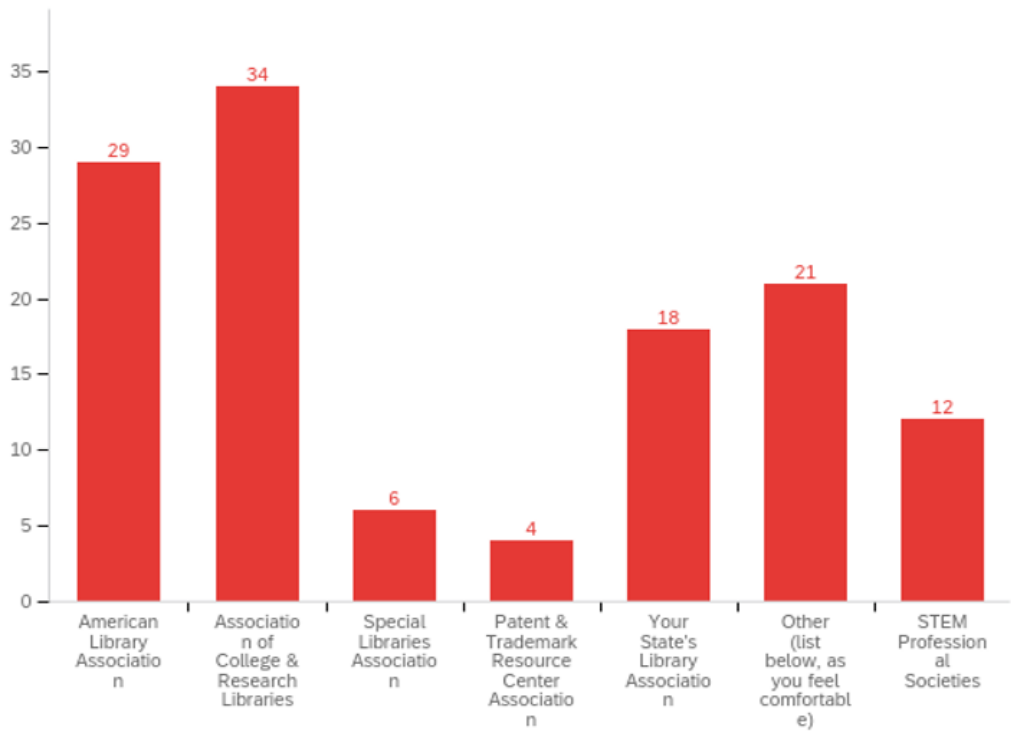


Figure 1. Professional Organizations Memberships of ELD Members

We asked members to report which conferences they regularly attended to gauge engagement with other professional organizations. In the Other category, conferences such as the Charleston Conference, TRAIL, STELLA, Bootcamps, and IFLA were mentioned. The results are shown below in Figure 2.

## REGISTRATION FEE SURVEY RESULTS REPORT (CONT.)

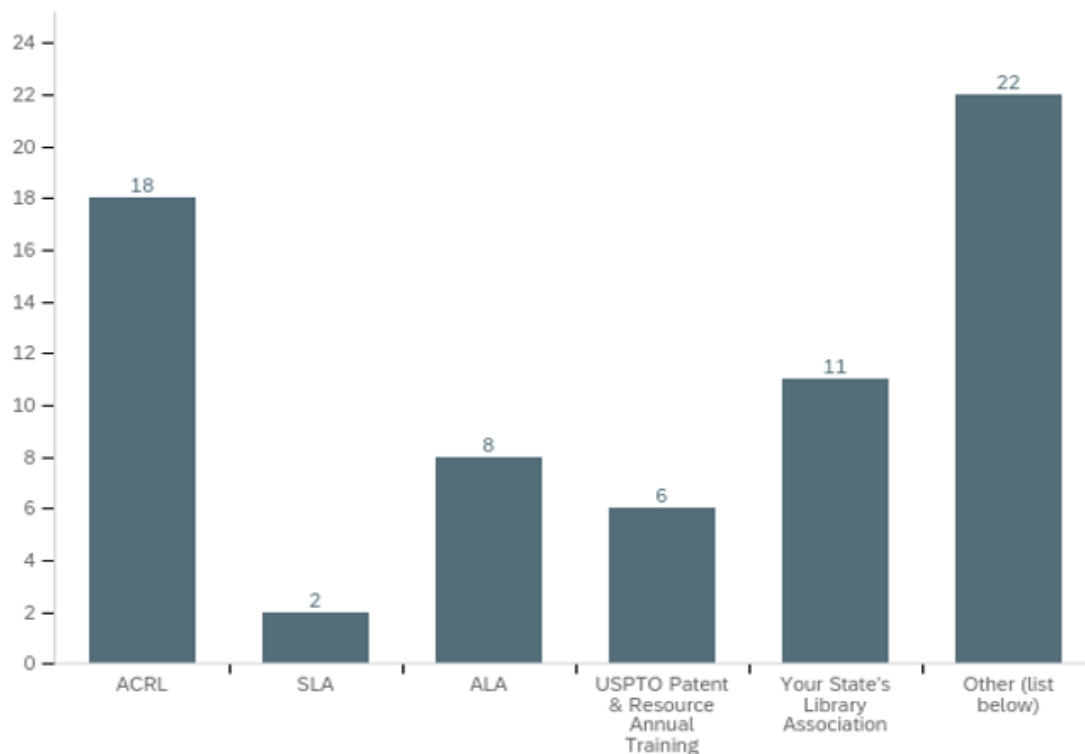


Figure 2. Professional Conferences Regularly Attended by ELD Members

From the reasons for NOT attending a conference, the cost is ranked first, and the institutional funding available is ranked 2nd, while distance, location, and theme were ranked last. ASEE Conference is perceived as the most valuable conference, with ACRL ranked in the second position, ALA ranked third, and SLA conference ranked fourth.

Although 77% reported that professional development activities are required at their institutions, many do not receive much financial support. Thirteen percent receive institutional funding over \$2,001, with most receiving less than the \$2,000 mark - 33% receive \$1,001-\$2,000, and 19% receive only \$501-\$1,000. Eighty-eight percent of participants reported that they do not have grants for professional travel and that they used their own money to attend professional conferences. A total of 65% of participants have used their own money to attend the ASEE conferences as well as other conferences - 25% to attend ACRL, 12 (19% ) to attend library state conferences, and 22% used their own funds to attend several other conferences. Forty-six percent of survey participants spent up to \$500 to attend conferences, while 25% spent up to \$1000 to attend conferences of interest.

The insufficient travel funds resulted in not being able to attend one or more conferences - 55.5% have missed attending the ASEE conferences, 42% missed attending ACRL, 25% missed attending ALA, and 16% missed attending SLA. The high registration fee for the ASEE conference was listed as the top reason for missing attending the ASEE conference:

"It got more difficult to convince the admin that this is a critical conference for an engineering librarian, and I have to choose between going to ASEE and other conferences."



## REGISTRATION FEE SURVEY RESULTS REPORT (CONT.)

"... ASEE is more expensive...other travel funds are awarded first, and sometimes none are left for me."

"Unless I'm presenting, I don't even request approval to attend ASEE-ELD anymore because of the costs. If registration were much lower, I might consider asking for funding and/or self-fund to attend."

"As a librarian covering multiple disciplines, I'd love to attend ASEE but I have to also attend other confs. ASEE's price makes it the least affordable though it is probably one of the more useful/educational."

"My department chair often used the ASEE registration cost as an example of one of the most expensive conference registration costs she had to fund. And she compared it with other conference registration fees. The overall costs, including hotels and transportation, are about the same, but the registration fee is far higher than any other professional conference."

"I often have to choose between ELD and another major conference."

"ACRL is bi-yearly (odd years), so in those years I typically have to choose either ASEE or ACRL because I can't get funding for both. [...] The cost of the ASEE conference has reached the point that I can't justify it to my department head."

"I have never been able to attend ASEE in person. I once received an ELD stipend that made it possible to attend, but it was virtual. I would very much like to attend ASEE each year, or even just occasionally. But the current cost of registration is prohibitive."

"I no longer attend ASEE due to the cost, although the conferences were valuable to me professionally. Instead, I participate in other conferences that are relevant to my work but less expensive. I regret not being able to attend ASEE."

Survey participants also responded overwhelmingly positively when asked if having an ELD reduced registration rate would impact conference attendance. Participants cited that it would be more affordable and acknowledged the lack or reduced travel funds available for librarians compared to faculty.

To gather feedback regarding ELD as a division, we asked, "Can you share how your ELD membership has or has not benefited you?" Here is a selection of responses:

"ELD is my professional family! Everything at the conference is relevant to me and I learn a lot, I made friends, I found collaborators, and I trust I can get professional help anytime I needed."

"Keeping up with current trends in engineering librarianship and networking."

"Opportunities to publish, opportunities to grow my professional network, and opportunities for service to the profession."

# REGISTRATION FEE SURVEY RESULTS REPORT (CONT.)

"Being a new librarian and new to STEM, ELD membership has proved extremely beneficial to meeting colleagues, learning about the field, and growing professionally."

"I've learned a lot from the webinars held so far and have joined a committee. I'd like to attend a conference in the future."

	<p>Brought to you by the ELD Professional Development Committee</p> <h2>Conference Buddy Program</h2>
<p>For more information contact Jay Bhatt via email: bhattjj@drexel.edu</p>	<p>Are you new to the Engineering Libraries Division? Attending your first ASEE Annual Conference? Get paired up with an ELD Member to show you the conference ropes.</p>

ASEE's 2023 Annual Conference will be in Baltimore, MD!



ASEE's Conference Page can be [found here](#). We look forward to seeing everyone in Baltimore from June 25-28, 2023.

# ANNUAL CONFERENCE PROGRAM UPDATE

Hello, ELD!

Planning for the 2023 Annual ASEE Conference - *The Harbor of Engineering Education for 130 Years* - has begun! We hope to see everyone in Baltimore, Maryland, June 25-28, 2023.

Abstract submission was still open as of this newsletter submission, but the proposals so far indicate we'll have an exciting program. Thanks to everyone who submitted abstracts and special session proposals! Our program planning committee will be hard at work putting together a mix of sessions that include lightning talks, panels, papers and posters, and, of course, our ELD social events. Abstract submissions are now closed.

ASEE has made some updates for the 2023 conference based on member feedback. Some changes include no technical or business sessions on Sunday, and Sunday workshops will be held from 1:00 - 3:30 p.m. to allow time for attendees to travel on Sunday morning instead of Saturday. The Exhibit Hall will open on Sunday afternoon and will be open for all days of the Conference. Poster presenters will be able to have their posters on display throughout the Conference, beginning Sunday, along with the usual specified blocks for poster presentations (e.g., NSF Grantees, Student Posters, etc.). Lastly, the "free time" breaks on Monday, Tuesday, and Wednesday have been extended to one hour.

Tentative schedule:

	Sunday, June 25	Monday, June 26	Tuesday, June 27	Wednesday, June 28
8:00 - 9:00		Monday Plenary	Tuesday Plenary	Topical Plenaries
9:15 - 10:45		ELD Poster Session & Focus on Exhibits	ELD Annual Business Meeting	
11:00 - 12:30		Technical Session	Technical Session	Technical Session
12:30 - 1:30	Workshops (1:00 - 3:30)	Free Time	Free Time	Free Time
1:30 - 3:00		Technical Session	Technical Session	Technical Session
3:15 - 4:45	Division Mixer (3:30 - 5:00)	Technical Session	Technical Session	ELD EEC Meeting
5:00 - 6:00		Focus on Exhibits	Focus on Exhibits	
6:30 - 9:00	ELD Social	ELD Welcome Reception	ELD Annual Banquet	

\* Note: Schedule may change; lightning talks, panels, and other programming not yet determined. ASEE's Schedule at a Glance is posted at <https://www.asee.org/events/Conferences-and-Meetings/2023-Annual-Conference/Program/2023-Schedule-at-a-Glance>.

# ANNUAL CONFERENCE PROGRAM UPDATE (CONT.)

We will be sharing more information as the conference gets closer - be on the lookout for opportunities to volunteer!

Many thanks to the Program Planning Committee - Amy Van Epps, Chelsea Leachman, Kelly Durkin Ruth, Eric Schares, Ibironke Lawal, John Napp, Kevin Drees, Denice Lewis, Marina Zhang, and Michelle Spence - and the Publications and Development Committees!

Lisa Ngo  
ELD Program Chair, 2022-2023

## PUBLICATIONS COMMITTEE UPDATE

Last call for this conference cycle's reviewers! If you are interested in joining us in reviewing this year, please fill out the short yearly survey by December 31, 2022 indicating your reviewing preferences: <https://forms.gle/giup4wq1cHZ7sbcG9>.

Come join us for a Peer Review Q&A Session for this year's conference cycle on January 31, 2023 at 3 p.m. ET. We will cover best practices for peer reviewing and updated information for this year's conference cycle. All are welcome, but if you are a reviewer for this year, you are highly encouraged to attend! If you cannot attend, be sure to watch the recording that will be shared after the session and feel free to send your questions ahead of the session to me at [sover05@vt.edu](mailto:sover05@vt.edu). If you already responded to the survey, you will have received the invitation already, otherwise register here: <https://bit.ly/ELDpeer23>.

Last, whether you are a reviewer or an author for this year's cycle, make sure to look over the guidelines posted at <https://sites.asee.org/eld/conference-information/>, especially the rubric found at [http://sites.asee.org/eld/wp-content/uploads/sites/7/2022/10/ELD\\_Conference\\_Rubric\\_2022.pdf](http://sites.asee.org/eld/wp-content/uploads/sites/7/2022/10/ELD_Conference_Rubric_2022.pdf).

Sarah Over  
Publications Chair

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



# IN MEMORY OF TOM VOLKENING

**Thomas Charles Volkening - 1950-2022**



Tom Volkening got his first librarian job, at the University of Detroit, in 1977 (yes, 45 years ago). From the very start he was involved with engineering, having subject responsibility for chemical, electrical, and mechanical engineering, as well as other subject areas, in that first position. In 1984 he became the Engineering Librarian at Michigan State University and held that position until his retirement in the summer of 2022. Tom joined ASEE and ELD in 1985 and had the fourth longest active continuing membership in ELD at the time of his passing. Tom was active in ELD over the entirety of his years as a member, serving on multiple committees, task forces, working groups, etc., from 1995 until his retirement earlier this year. Tom had a few specific professional interests, including mentoring younger librarians, scholarly communication, and accreditation (Tom arguably had more ABET accreditation experience than any other current ELD member). He was awarded the Homer I. Bernhardt Distinguished Service Award by ELD in 2021, only a year after receiving the librarian career achievement award from his colleagues at Michigan State.

But Tom's interests were much broader than his library work. He was a gardener extraordinaire – most of his professional publications had to do with fruits and vegetables, seeds, and other food-related topics than with anything engineering/library related. He was an avid sightseer, often taking days before or after an ASEE conference to explore in and around the city that hosted the conference each year. He regularly took nature drives and was an excellent amateur nature photographer, posting many of his photographs to Facebook for others to enjoy. His photography interests also extended to family, with many postings to Facebook of interesting old family photos.

Words commonly used to describe Tom included kind, gentle, welcoming, supportive, mentoring, professional, and caring. All of those descriptors, and more, were quite accurate. He was the consummate colleague and friend, and those of us who were privileged to know him will miss him very, very much. Rest in peace, Tom.

~Submitted by Mel DeSart

# TECHNICAL STANDARDS IN ENGINEERING SURVEY

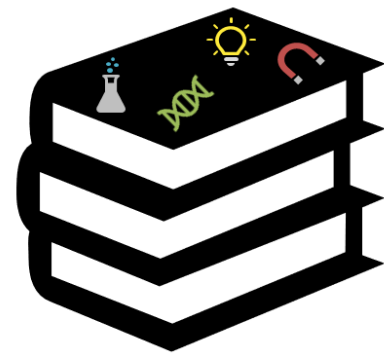
The demand for new graduates' exposure to technical standards before entering the workforce is increasing regardless of occupation: engineering, business, law, and medicine. A current ASEE ELD member is teaming up with individuals across the nation to research students' exposure to technical standards, academic experience teaching technical standards, and industry's demand for technical standards knowledge.

Click on the link to share your experiences: <https://forms.gle/32rGGukdyut1Uaju7>

## Standards Education Challenges:



## Proposed Solution:



**Standards in Engineering Education Curriculum**

## DECEMBER 2022 ASEE ELD DIRECTORY OF MEMBERS

The December 2022 ASEE ELD Directory of Members is now available. To download a PDF copy of the directory:

- Webpage <https://sites.asee.org/eld/member-directory/>
- Click on the link below the photo of the directory
- Password: (Found on Paula C. Johnson's December 7, 2022 email)

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

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

# PROFESSIONAL DEVELOPMENT COMMITTEE UPDATE

The Mentoring Committee was renamed during the summer to the Professional Development Committee with a change in scope to reflect a greater emphasis on creating webinar sessions on topics of interest to engineering librarians. The following is a brief synopsis of the 2022 webinars coordinated by the Professional Development Committee, and an announcement for Spring 2023.

*ELD Committees Introduction Webinar* March 30, 2022. This webinar featured the chairs of 10 committees within ELD, each giving an overview of the scope of their work and recent activities.

*Open Forum for Early Career Librarians*, 2022 ASEE Conference Workshop, Minneapolis, June 28, 2022. Early career librarians (0-5 years' experience) posed their questions and those with more experience responded.

## **Fall 2022 semester webinars**

*Early Career Librarians Workshop*, 61 Registered & 48 Attended. August 11, 2022. Early Career Librarians (0-5 years experience) posed their questions and those with more experience responded to the questions. This was a repeat for those not able to attend the in-person Open Forum for Early Career Librarians, 2022 ASEE Conference workshop, Minneapolis, June 28, 2022.

*ELD Scholarly Communications Cool Tools*, 59 registered & 32 attended. September 23, 2022. The webinar included the following: ELD Open Access Statement, ELD Google Scholar Profile, Best Practices for increasing the visibility of an individual document, Engineering and Applied Sciences Society Open Access Policies Resource, and Open Textbooks in Engineering.

*ELD Technical Standards*, 198 Registered & 142 Attended. November 10, 2022. The session included these areas: definition, types and uses, standardization process, accreditation requirements & employer expectations, curriculum integration, and collection development. The presenters are writing a book on the topic and expect that it will be published next year. In addition to being a great topic, the large number of attendees, 142, can be explained partly as this session was marketed to a wider audience going on both the members list (ELD-L) and open listserv (ELDnet) Some comments from the survey:

"Great balance of panelists and coverage of technical standards (types and usage, curriculum integration, collection development)"

"I really appreciated the slide on curriculum types, as it provided a bit of insight into the crossover of activities of different types of instruction."

## **Summary of Fall 2022 semester webinars and feedback**

Professional Development Committee members gave enthusiastic comments on the participant feedback from surveys. Overall, with this programming being new to our committee, these attendance numbers are very strong with over 222 attendees. The survey responses for the three events from the fall semester show that overall, most



## PROFESSIONAL DEVELOPMENT COMMITTEE UPDATE (CONT.)

respondents gave highly positive ratings for quality/usefulness and that a large percentage of responses were from early career librarians 0 to 5 years' experience). Based on strong attendance and feedback, this committee plans to continue offering relevant programming.

### Spring 2023 semester planned webinars

- Overleaf/LaTeX, February 2023.
- Patents, April 2023.

Kevin Drees  
Publications Chair

## PSU LIBRARIES IMLS GRANT

The Penn State University Libraries received an Institute of Museum and Library Services (IMLS) grant from the Pennsylvania Department of Education to purchase international and industry standards in support of diversity, equity, inclusion and accessibility (DEIA) in core Pennsylvania industries. These items are now available for loan to Pennsylvania residents and businesses.

"The purpose of this project was to increase access to and awareness of industry and international standards for the benefit of Pennsylvania businesses and entrepreneurs," said Linda Musser, Distinguished Librarian and head of the Fletcher L. Byrom Earth and Mineral Sciences Library, who spearheaded the project. "Standards developed by experts are consensus publications that document best practices. In a global economy, use of international standards is increasingly required to do business. However, standards are expensive, and few Pennsylvania libraries collect or acquire them."

The \$48,644 IMLS grant was used to gather information from statewide stakeholders about specific needs for standards in eight key industries identified by the Pennsylvania Department of Community and Economic Development that could benefit from improved access to standards. The project also identified standards that promulgate DEIA and further the United Nations Sustainable Development Goals, with a focus on standards not widely available in Pennsylvania libraries.

Ultimately, about 164 standards were acquired, including standards from the American Welding Society, the American Petroleum Institute, the American National Standards Institute, the International Electrotechnical Commission, and the International Organization for Standardization.

A number of standards either directly addressed DEIA or touched on it tangentially. Examples include:

- ISO 30415: Human resource management — Diversity and inclusion;
- ISO 21902: Tourism and related services — Accessible tourism for all — Requirements and recommendations;

As Pennsylvania's land-grant university, Penn State makes its library collections and other materials available to the public to borrow for free.

## NEW MEMBER UPDATES

**Ellen Cline** is the *Engineering & Physical Sciences Librarian* at Elon University. She started in the summer of 2022, after 3 years as a Research Librarian at the Missouri University of Science and Technology. In her new role, she is liaison to the departments of Chemistry, Computer Science, Engineering, Mathematics & Statistics, and Physics & Astronomy. She is looking forward to helping students with their research projects, contributing to data literacy efforts across campus, and being part of the awesome ELD community!

Ellen received her BA (Global Studies & French) and MSLS from the University of North Carolina at Chapel Hill. In her free time, she enjoys walking in the park, spoiling her two cats, and attempting to knit and crochet interesting things. She can be contacted at [ecline5@elon.edu](mailto:ecline5@elon.edu).



**Sarah Weiss** is a *STEM Librarian* at the University of Maryland–College Park. A large part of her job involves liaising to the Mechanical, Computer & Electrical, and Aerospace Engineering as well as Computer Science departments. She also works to promote and support Open Science practices both on and off campus, including the use of Open Science Framework. Sarah earned her MLIS from the University of Wisconsin–Madison and also holds a bachelor of science in Education, from the same institution. Before embarking on her journey into librarianship, Sarah worked in K-12 education mainly with 5th and 6th graders. She is passionate about information literacy, accessibility, equity, and education. Sarah can be contacted at [srweiss@umd.edu](mailto:srweiss@umd.edu).

## NEW MEMBER UPDATES (CONT.)

**Erin Matas** is the *Director of the Van Pelt and Opie Library* at Michigan Technological University. Erin is a 2006 MSI graduate of the University of Michigan School of Information where she studied library and information science and archives and records management. Her career started in law firm libraries in San Francisco, California, and Brussels, Belgium, and veered into the academic library world in 2014 at Michigan Technological University, a STEM-focused R2 university. The College of Engineering is the academic home to 60% of Michigan Tech students. Before her selection as library director in August 2020, Erin served in faculty engagement and research/reference services and helped develop a Student Research Consultant



program, an innovative peer-to-peer service that helps patrons make the most of the library's resources. Erin is about to complete the Association of Research Libraries (ARL) Leadership Fellows program as part of their 2021-2022 cohort. She is also a graduate student in Applied Cognitive Science and Human Factors, where she is getting into researching the application of human factors techniques to the academic search domain and information literacy teaching and learning.

## MEMBER UPDATE



Congratulations to **Paul McMonigle**, *Engineering Librarian* at Pennsylvania State University, for being selected as an ALA Emerging Leader for 2023!

The American Library Association (ALA) selected forty-six (46) people to participate in its 2023 class of Emerging Leaders (EL). The EL program is designed to enable library staff and information workers to participate in project planning work groups, network with peers, gain an inside look into ALA structure, and have an opportunity to serve the profession in a leadership capacity early in their careers.