



Engineering Libraries Division Newsletter



March 2018

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Message from the Chair

Bruce Neville



It's Spring Break here, and the library is empty. The redbuds are out, and I only needed a light jacket this morning. I saw on the news this morning, though, that some of our members in the Northeast are getting pummeled by yet another nor'easter. Maybe thoughts of a warm summer visit to Salt Lake City will help.

Plans are already well underway for Salt Lake City. Reviewers are reviewing, authors are revising, schedules are changing, and reception venues are being arranged. Every conference seems to outdo the last, and this one seems to be no exception. It sounds like we've got another really full conference. If you haven't been to one, I urge you to consider it. The information, the people, and the networking are worth the expense. If this is your first convention, please consider our Conference Buddy Program, advertised elsewhere in this newsletter.

Speaking of people and conferences, the Society Board has adopted a Code of Conduct for ASEE meetings. It is included on the next page and can be found on the ASEE site at https://www.asee.org/documents/conferences/annual/2018/Modified_Code_of_Conduct.pdf. I've always found ELD to operate in a spirit of inclusion, but it's good to have it as an official statement. We are also co-sponsoring a series of inclusion roundtables that may lead to the development of SIGs on:

- Non-tenure-track Faculty
- Students
- Military Veterans
- First-generation/Low Socioeconomic Status
- LGBTQ+
- Persons with Disabilities



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."

The roundtables can be found by searching "leadership roundtable" in the session locator. If anyone is able to attend any of these roundtables, a report back to the Division would be most welcome.

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Message from the Chair *(Continued...)*

One of the other activities at the annual conference is our annual game of Musical Chairs, also known as “Committee Assignments.” One way to get involved with the Division is to participate in a committee. All of our committees can use help. If you’re interested, please talk to one of the Committee Chairs. A list can be found on our website and will be out of date by the time we all get to the conference.

Kristen says she has lots of new people to highlight in this issue. That’s a great sign that we’re a relevant and growing organization. I hope to meet many of you in Salt Lake. Until next time,

Bruce

Code of Conduct for ASEE Meetings

It is the policy of the American Society for Engineering Education (ASEE) that all participants, including attendees, vendors, ASEE staff, volunteers, and all other stakeholders at ASEE meetings will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination, intimidation, harassment, or retaliation. ASEE is committed to ensuring a safe and welcoming environment for all participants.

Participants will treat each other with respect and consideration to create a collegial, inclusive, and safe professional environment at ASEE Meetings. Creating a supportive environment to enable discourse at ASEE meetings is the responsibility of all participants.

Participants will avoid any inappropriate actions or statements based on individual characteristics such as age, religion, race, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, ability status, educational background, or any other characteristic. Disruptive or harassing behavior of any kind will not be tolerated. Harassment includes but is not limited to inappropriate or intimidating behavior and language, unwelcome jokes or comments, unwanted touching or attention, offensive images, photography without permission, real or implied threat of physical harm, physical assault and stalking.

Conference Program Update

Conference Program Committee

Willie Baer, Chair 2017-2018

The Annual Conference in Salt Lake City will be here before we know it. If you have never come to an ASEE Annual Conference, please consider joining us. From my first ASEE conference in Montreal (2002), I have found the Engineering Libraries Division to be a welcoming group of colleagues. The conference will provide ample opportunity to network, socialize, and develop professionally.

We'll have a full and exciting schedule for ELD this June. Events will include a Sunday morning workshop, the ELD Annual Business Meeting, a panel discussion, the lightning talks session, a poster session, and five technical sessions. Of course, we will have our traditional evening social events as well.

The ELD Reception will be held the evening of Monday, June 25th at the Cucina Toscana restaurant in the Vivace room. The Annual Banquet will be held the following night at the Finca restaurant. We will also be having the Early ELD Welcome Reception on Sunday night, sponsored by SPIE. Please see page 8 for current details on our Reception and Banquet, and keep an eye out for more information on all of these events.

The Sunday morning workshop, "The Fundamentals of Engineering Librarianship," is being geared toward "newer" engineering librarians. A couple of "seasoned" members of our division have volunteered to present at this workshop, but I am looking for one or two more who are willing to help. I will also be sending out a call for moderators shortly, but if you're interested, please send me a note. Sarah Parker will be heading up the lightning talks this year. More information on participation can be found on the following page of the newsletter.

We are cosponsoring two panel sessions on Monday afternoon. The first, *Impacts of Sexual Harassment in Academic Science, Engineering and Medicine*, is being organized by the ASEE Diversity Committee. The second, *Who's in the Driver's Seat of Engineering Education?*, is a 2018 Interdivisional Town Hall. Unfortunately, both of the sessions are at 3:15 pm, so you'll have to choose.

A preliminary schedule of events is provided in the table below:

	Sunday, June 24	Monday, June 25	Tuesday, June 26	Wednesday, June 27
8:00 -9:30	Workshop (9:00 am – 12:00 pm)	Monday Plenary	ELD Annual Business Meeting	Technical Session 1
9:45-11:15		Focus on Exhibits	Tuesday Plenary	Distinguished Lecture
11:30-1:00		Lightning Talks	ELD Poster Session	Technical Session 5
1:30-3:00	Technical Session 4 (1:15-2:45)		Technical Session 3	Panel Session "Advice for Mid-career Librarians"
3:15-4:45	Technical Session 2 (3:00-4:30)	Cosponsored Panel Session		ELD EEC Meeting
5:00-6:00	Division Mixer (4:30-6:00)	Focus on the Exhibits		
6:00-9:00	Early ELD Welcome	ELD Welcome Reception	Annual Banquet	

I hope to see you in Salt Lake City!

Call for Lightning Talks

Conference Program Committee

Willie Baer, Chair 2017-2018

Do you or your library have an exciting new project, program, partnership, or tool that you would like to share with your fellow ELD members? If so, please propose a Lightning Talk to give in Salt Lake City this summer at the ASEE Conference. What is a Lightning Talk? A Lightning Talk is a very short (2-3 minutes) presentation on a timely topic of interest to the audience. This year, we are hoping for about 12 talks on any number of topics. Possible ideas include:

- Digital initiatives
- New partnerships
- Innovative programs
- Anything you think might be of interest to your peers

The main goals of this session are to learn something about our colleagues, and to generate discussion during the session and over the course of the conference. Please submit your Lightning Talk proposal to Sarah Parker (sarah.parker@ubc.ca) by Friday, April 13th. Your proposal should include:

- Your name and affiliation
- Title of talk
- Brief description of your talk (no more than 3 sentences)

PowerPoint presentations are not required, but if you wish to use one, please limit it to 3-4 slides. Remember that two minutes is shorter than most commercial breaks. This year we are trying something new. The Lightning Talks session will also include one-minute sponsor talks at the end of the session.

Are you new to the Engineering Libraries Division?
Attending your first ASEE Annual Conference?

Try the CONFERENCE BUDDY PROGRAM

Get paired up with an ELD Member
to show you the conference ropes.

Contact Kevin Drees at: kevin.drees@okstate.edu.

Brought to you by the ELD Mentoring Committee

Committee Reports

Membership Directory

Bernadette Ewen

The ASEE ELD Directory of Members was last published in March 2018. The directory is a great tool for networking. It lists contact information, researcher id numbers, research interests, CV/bio links, and each member's original ASEE ELD join date. ELD members who wish to update their information listed in the directory, request to remove their original ASEE ELD join date, or request the link and password for downloading the latest directory, should e-mail ewen@rose-hulman.edu. Changes made to the directory will be reflected in the next published update to the ASEE ELD Directory of Members.

Nominating Committee

Craig Beard

The 2018 candidates for the division offices are:

Secretary/Treasurer



David Hubbard
Texas A&M
University



John Napp
University of Toledo



Tony Aponte
University of California
Los Angeles

Director



Margaret Phillips
Purdue University



Michelle Spence
University of Toronto

Results of the election will be announced on Friday, April 6.

Please join me in thanking all of the candidates for their willingness to serve ELD in these capacities, Bob Heyer-Gray and John Teleha for all their work on the Nominating Committee, and Amy Van Epps (see below) for making electronic voting work in spite of making the move from Purdue to Harvard.

Electronic Voting Administrator Update

This year's election of officers moved to the survey software Qualtrics, rather than using the original application developed specifically for ELD about 10 years ago. There are a number of advantages to using Qualtrics, including reminders only to people who have not voted, members not needing to go find their membership number, and less programming and maintenance time on the part of the voting administrator.

If you have any questions or concerns about how things went this year, please contact Amy Van Epps at: amy_vanepps@harvard.edu.

Publications Committee

Scott Curtis

The initial review of papers for the conference has been completed, and author revisions (if necessary) are underway!

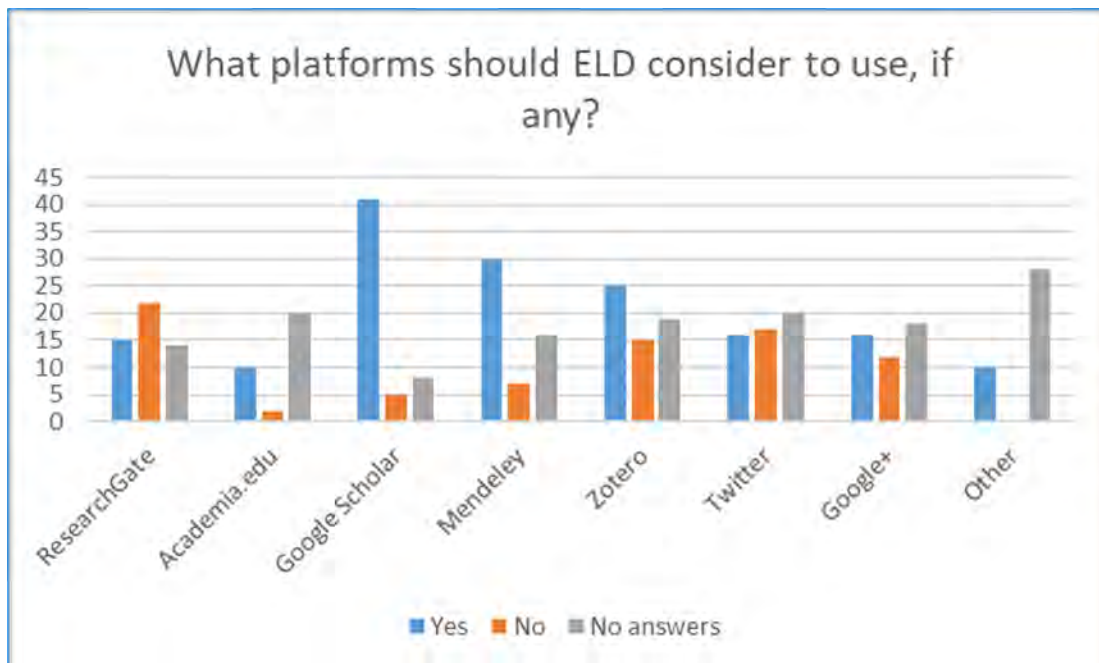
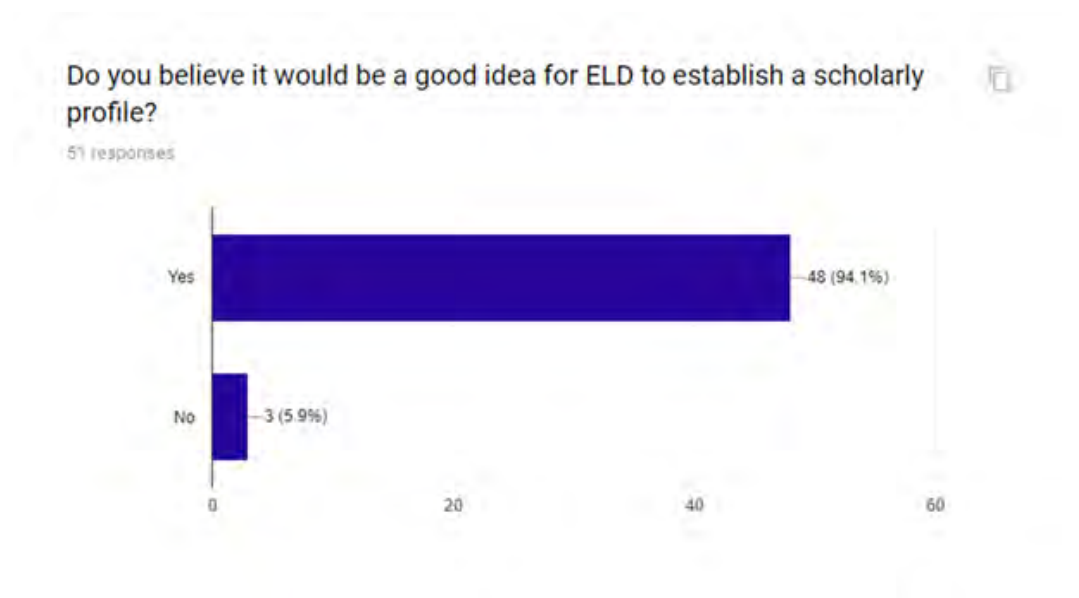
Scholarly Communications Committee Survey

Scholarly Communication Committee Survey Results

Daniela Solomon

The SCC sent out a survey to gauge ELD members' interest in establishing an ELD scholarly profile and identify the platform(s) to be used to increase the visibility of ELD publications. The survey was open in early December and closed at the end of January. The survey had a low response rate – only 51 out of about 200 ELD members.

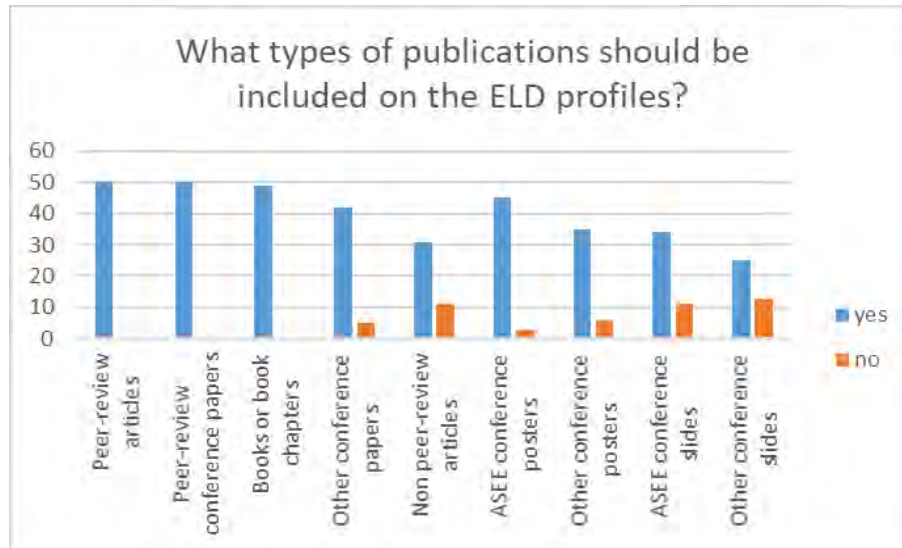
The results indicated a strong preference for establishing an ELD scholarly profile (yes - 94.1% vs. no – 5.9%) on mostly two platforms, Google Scholar (41 out of 51) and Mendeley (30 out of 51).



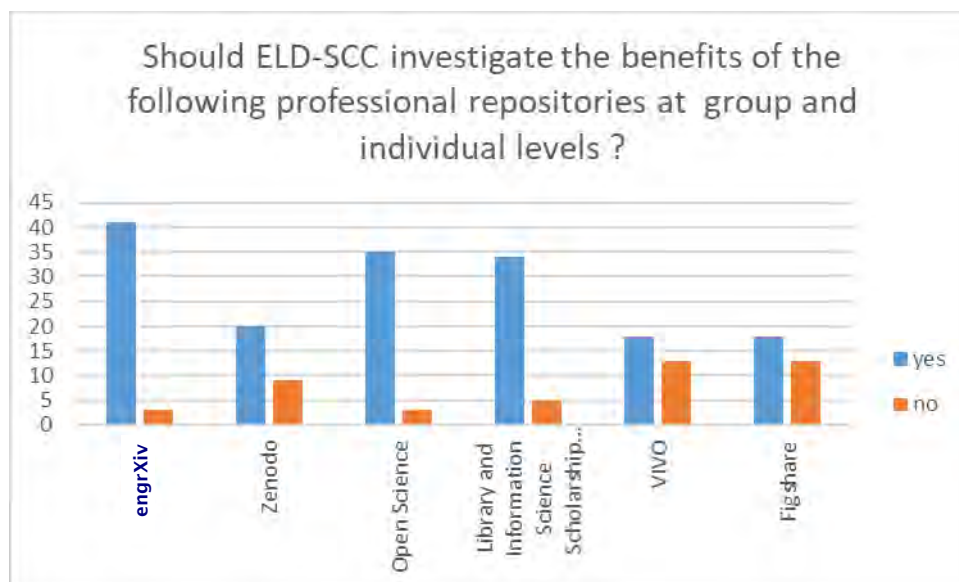
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SCC Survey (Continued)

The preferred subjects cover the entire breadth of scholarship produced by ELD members, with a preference toward peer-reviewed publications covering a variety of formats (articles, books, conference papers, posters, and slides).



The survey also revealed survey participants' strong interest that ELD-SCC would develop several documents - good practice on increasing visibility at individual author level (yes - 89.6%, no - 10.4%), good practice on scholarly communication issues (yes - 80.4%, no - 19.6%), and an ELD open access statement (yes - 86.3%, no - 13.7%). The survey also showed the ELD members' eagerness to learn about the benefits of some professional repositories evaluated both at group and individual author levels. The three that were voted the most are engrXiv, Open Science, and the Library and Information Science Scholarship Archive (LISSA).



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SCC Survey (Continued)

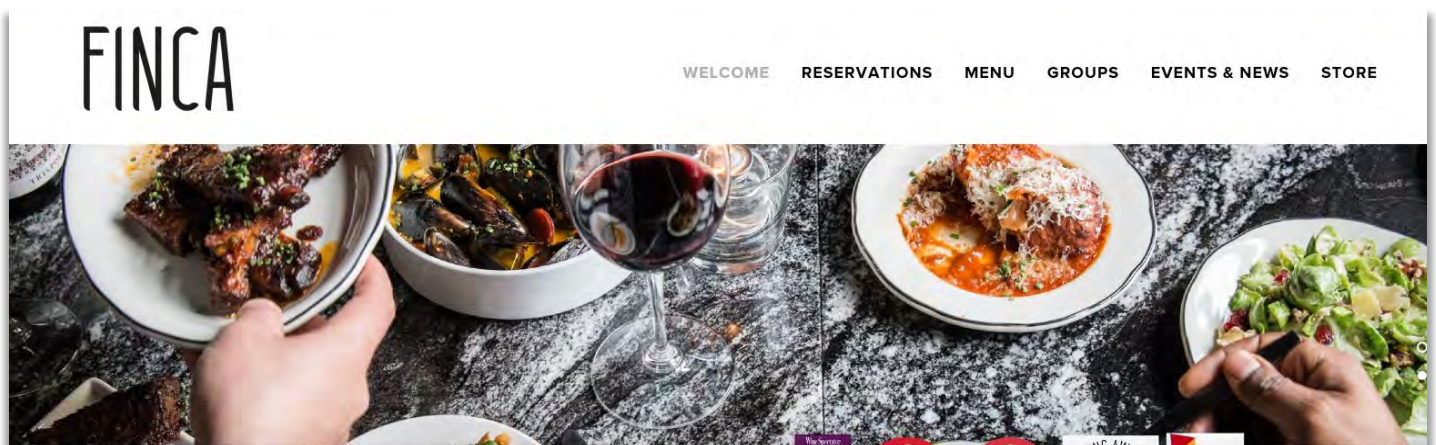
Moreover, the survey showed ELD members' enthusiasm for ELD-SCC reaching out to EBSCO to inquire about opportunities for ingestion of the ASEE-ELD papers into the Library, Information Science & Technology Abstracts (LISTA) database (yes - 97.9%, no – 2.1%).

In response to these findings, the ELD-SCC members are planning to propose a plan of action for the near future to the Extended Executive Committee. Details on the SCC actions will be shared with the membership via the ELD-L list.

See you in Salt Lake City!



The ELD Welcome Reception will be on Monday, June 25th from 6 to 9 p.m. at the [Cucina Toscana](#) in the Vivace room. This fine Italian restaurant is located at 282 S. 300 W. and is approximately 4 blocks (a 10 minute walk) from Salt Lake City's convention center. IEEE is kindly sponsoring this annual reception. ~ Bernadette Ewen



We will be having the ELD Banquet on Tuesday, June 26th, at [Finca](#) which is located at 327 W 200 South about a block behind the Convention Center. We are planning a buffet of Spanish dishes and exclusive use of the restaurant, so it should be an enjoyable experience. Elsevier is once again generously sponsoring the Banquet. ~ John Napp

Spotlight on Members

Welcome New Members

John Burns has been the **Reference and Electronic Resources Librarian** at **Dixie State University** in St. George, Utah since 2012. He received his undergrad degree from the University of Wisconsin-Whitewater and his graduate degree from the University of Wisconsin-Milwaukee.

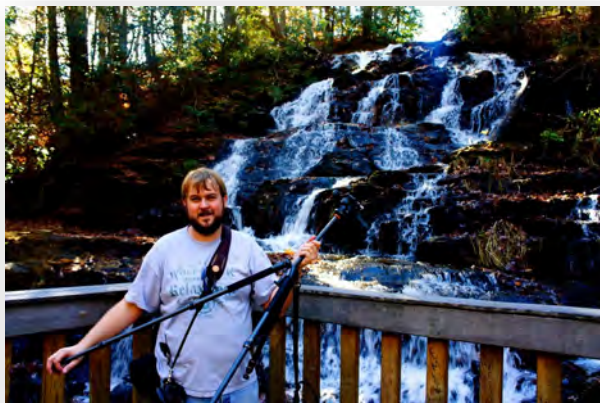
He has previously held positions as the Head of Reference, IT Manager and Adult Services Librarian, and is now a newly minted Engineering Librarian.



Shelby Hallman is currently the **Research Librarian for Engineering and Entrepreneurship** at the **North Carolina State University**. "I split my time between the Research Engagement department and the Data and Visualization Services department," she writes. "In Research Engagement, I support the College of Engineering and the College of Textiles through curriculum integrated instruction, reference and consultations, and subject specific research support. Additionally, I manage the collection fund codes for civil, environmental, chemical, and biomedical engineering topics." In Data and Visualization Services, she is the project manager for the "Visualizing Digital Scholarship in Libraries and Learning Spaces" a Mellon-funded grant. Shelby explains, "This grant focuses on fostering a community of practice surrounding high-tech visualization spaces, while also designing new technological and content solutions through supporting a cohort of other institutions and hosting a number of creative residents."

Before NCSU, Shelby received her Masters in Library and Information Science at the University of Illinois at Urbana-Champaign with specializations in Data Curation and Special Collections (with a focus on Engineering and STEM librarianship/collections). While at UIUC, she worked as a Physical Sciences and Engineering Division graduate assistant at the Grainger Engineering Library Information Center, and held an internship in the Conservation Lab. She's also held internships at the Library of Congress in the Preservation Research and Testing Division, at Cornell University's Mann Library working on TEEAL, and at Penn State in the Special Collections Library and the Preservation Conservation and Digitization department. She received her bachelor degrees from Penn State in German and Comparative Literature, with a minor in Engineering Mechanics.

Matt Hayward joined the **University of Texas at San Antonio** in July 2017 as the **STEM Librarian**, responsible for instruction, collection development, research data management, student consultations, and the creation/maintenance of research guides. He holds an MLIS and BS in Chemistry/Psychology from the University of Alabama, where he was an intern in the Gorgas Library. He also has an MS in Clinical Psychology from Auburn University at Montgomery.



Matt has been an Intern therapist/psychometrist at Brewer Porch Children's Center, and a small business owner (landscaping) while in college. He "aspires to be a renaissance man and can fix nearly anything, using whatever is available." He is interested in nature and the outdoors, photography, technology, music and film, and DIY repair/fabrication (auto, home, computer, etc.)

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Spotlight on Members *(Continued)*



Amber Janssen works at **California State University, Maritime Academy** in **Vallejo, California**, as the **Instruction & Assessment Librarian**. She spends a large portion of her time teaching a for-credit information literacy course for freshmen and visiting classes in her liaison departments: Engineering Technology, Marine Transportation, Mechanical Engineering, and Science and Math. She also represents the library in campus-wide information literacy assessment. "Since we are a small library, I fill in the rest of my time with reference appointments, collection development, and whatever else needs to get done (including opening the building early on Friday mornings so that students have a warm place to go after formation), she says. Before becoming a librarian, Amber was a technical editor at an environmental engineering firm. She obtained her BA in Technical and Professional Writing from San Francisco State University and her MLIS from San Jose State University.

Sarah Over writes, "I am happy to join ELD and new to engineering libraries, having just finished graduate school last year. I started a new job as **STEM Librarian** at the **University of Maryland** in mid-January and will be a subject liaison for some of the engineering departments at UMD, among other roles." Sarah's research focus has been in human spaceflight, specializing in human factors and space radiation, with applications to mission planning and risk assessment. She received her doctorate from Texas A&M in Nuclear Engineering last May and her M.S. in Aerospace Engineering from University of Colorado in 2012. Her undergraduate degrees are in Aerospace Engineering and Music from Virginia Tech.

"I was drawn to librarianship due to my love of information and desire to support research at universities, helping to encourage the next generation of STEM professionals (in addition to my bibliophilic tendencies), says Sarah. "I also hope to increase overall spaceflight literacy, helping human spaceflight to grow through an increase in understanding, which will lead to more support and funding in the future. When not working on university projects, I enjoy playing my bassoon, reading, bicycling, and solving puzzles of all sorts."



Tina Qin works at the **Vanderbilt University Science and Engineering Library** as the **Liaison Librarian for Chemistry, Chemical Engineering and Mechanical Engineering**. She has been in this position for one year, and previously worked as Science Librarian at Michigan State University.

She received her undergraduate degree in Chemical Engineering from Dalian University of Technology in China, and graduate degrees from Miami University (Paper and Chemical Engineering) and Indiana University (Library and Information Science).

Congratulations to Li Zhang for her paper published in the March 2018 issue of *College and Research Libraries*: "[Analyzing Citation and Research Collaboration Characteristics of Faculty in Aerospace, Civil and Environmental, Electrical and Computer, and Mechanical Engineering.](#)"



Mel DeSart spotted it, saying, "I did skim through it just a bit ago, and looked at the citations at the end of the paper. You'll find there are at least 10 current or former members of ELD whose works are cited in this paper. Bravo to Li and to all of the other ELD authors whose works Li built upon."