



STS SIGNAL

Science and Technology Section
Association of College and Research Libraries

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STS Events at ALA Midwinter

<u>EVENT</u>	<u>DATE</u>	<u>TIME</u>	<u>LOCATION*</u>
STS Council I	1/25	7:00 - 9:00 PM	TBD
All Committees Meeting	1/26	8:30 -10:00 AM	TBD
STS Executive Committee	1/26	10:30 - 11:30 PM	TBD
STS Hot Topics DG	1/26	1:00 - 2:00 PM	TBD
Publisher/Vendor Relations DG	1/27	8:30 -10:00 AM	TBD
Federal Science Agencies Update	1/27	1:00 - 2:30 PM	TBD
Scholarly Communication DG	1/27	4:00 - 5:00 PM	TBD
STS Members Dinner	1/27	5:30 - 8:30 PM	TBD

(sponsored by IOP Publishing)

* STS event information is subject to change. Please check the conference schedule at <https://2019.alamidwinter.org/> for the most up to date information.

Letter from the Chair

Greetings, STS Members.

Welcome to all new and continuing members in the Science and Technology Section of ACRL. I am honored to serve as your Chair of the Section until the close of Annual Conference in Washington D.C. in June 2019. I want to take a short look back at the past year before letting you know what is coming from STS in the coming months.

Much credit goes to our past-chair Kara Whatley, who worked with our other officers and committees to plan successful conference programs and meetings alongside online events throughout the year. In particular at ALA Midwinter and Annual Conference, STS presented a full schedule of relevant, timely, and engaging events. In February of 2018 at the ALA Midwinter Meeting in Denver, Colorado we had programs on new roles for science and technology librarians, scholarly communication, and metrics to measure research impact. We also enjoyed a modern Mexican dinner at Tamayo, courtesy of IOP Publishing. IOPP has consistently helped STS Midwinter attendees reduce their conference-related costs, and has provided members with a valuable networking opportunity, via their sponsorship of the Midwinter Dinner.

In June 2018 I enjoyed the return to my once home New Orleans, Louisiana for ALA's Annual Conference. Our main program "Librarians are a Force for Science" brought a large, diverse audience together with energizing speakers on communicating science and growing science literacy. We experimented with holding our research poster session during our membership breakfast on Sunday morning to great success. Discussion groups were held on a variety of topics including a set of presentations on diversity and inclusion in STEM librarianship practice - more on that later. We also gained a sponsor for the STS Membership Dinner at Annual in New Orleans. The American Chemical Society (ACS) treated us to food and drink at the delicious Oceana Grill.

In addition to our conference programs, STS committees have worked throughout the year to bring us introductions to new and current members through short profiles, a view into the "day in the life" of our committees, and science information literacy online chats. This Spring I appointed the STS Information Literacy Framework Taskforce to adapt the Framework for Information Literacy for Higher Education to the sciences. They will survey the literature and STS membership for outcomes and assessments for the six frames. A strategic priority of ACRL and a strong value of our membership is support for Equity, Diversity, and Inclusion (EDI), both

in librarianship and in our work with the sciences and engineering. Following a lengthy report prepared by STS officers, our Council has created an EDI Task Force to study the ways in which our Section can support the work of equity, diversity, and inclusion within ACRL, academic libraries, and across the library profession. The call for volunteers is closed and I am currently making appointments.

Looking ahead to 2019, ALA Midwinter Conference will be in Seattle, Washington from January 25-29. STS officers and committees are already planning our discussion groups and meetings. IOP Publishing has again committed to sponsoring our Member Dinner in Seattle. I would encourage all members attending to thank the IOP Publishing representatives personally and opt-in to initial communication from them following the conference. It is not too much to ask in return for their sponsorship.

If you are looking to become more involved with STS, the All Committee's meeting on Saturday morning is a great way to learn what they are working on and if the work of any of those committees fits with your interests.

2019 is a ACRL National Conference year, and even though we do not host any programs during ACRL, our officers are planning a number of social events for Cleveland, Ohio. Finally, the ALA Annual Conference will be in Washington D.C. where we will hold our STS program, Research Forum, poster sessions, discussion groups, and social events. I want to acknowledge our sponsors who help us to provide catering for our events, supplies for programs, and expenses for speakers. These funds comprise the bulk of our annual budget and go far to improve our conference experience and help with affordability for our members. Thank you to ACS, Clarivate, CRC Press / Taylor and Francis, Elsevier, GOBI, IEEE, IOPP, Knovel, Morgan and Claypool, Science/AAAS, and SPIE.



I look forward to seeing you at our events during ALA and ACRL conferences, and working with you throughout the year online to improve our work as science and technology librarians.

John Meier
STS Chair
Penn State University Libraries
814-867-1448
meier@psu.edu

Letter from the Vice-Chair/Chair-Elect

Hello fellow Science and Technology Section members,

I hope you are all enjoying the challenges of a new academic year. As I write this column we are celebrating Science Literacy Week here at Cameron Science and Technology Library at the University of Alberta. From my office I can see a long line of students queuing for cricket based chocolate biscotti and mung bean and oat ice cream. Earlier this week we had a visit from the Edmonton Zoo with highlights for our students, including an armadillo. Last year's SciLit Week crowd pleasers included penguins and a centrosaurus skull cast. Looking back 26 years to when I first started work as a science librarian I could have hardly imagined my library hosting such exciting events. But I also could not have imagined that science would be as challenged as it is now in the US and as it was in Canada earlier in the decade. SciLit Week highlights the increasing importance of our role as science and technology librarians and of STS in promoting science literacy in an engaging fashion. This year's main STS program at Annual in New Orleans, "Librarians are a Force for Science", did a great job of exploring what librarians can do on this front, and I look forward to working with you all on more such opportunities to advance this important issue in the coming years.

The other theme that really strikes me as I watch our students enjoy the events is their diversity. I'm pleased that STS is also exploring this important issue for our profession and those that we serve with the appointment of our Equity, Diversity, and Inclusion (EDI) Task Force. Many thanks to the STS officers Bonnie Fong, Rachel Hemmlers, and Sara Gonzalez who prepared the report that led to the formation of this task force. And many thanks to all who volunteered to work on this task force - your experience, knowledge and passion for this important work was very evident in the substantial group of applications.

One of my first duties as Vice-Chair will be the responsibility to appoint new members to committees and

discussion groups. The work of committees and discussion groups goes on throughout the year as well as at our conferences. They are a great way to learn about what's going on in the profession and to get more actively involved in STS, ACRL and ALA. The highlight of my ALA conferences has always been the time spent with fellow science and technology librarians both engaging in this work and observing the programs that result from so much thoughtful STS committee work. As John notes, if you are looking to become more involved with STS, attending the All Committee's meetings on Saturday mornings at Annual and Midwinter is a great way to learn more about committees and the work they are doing. You should also look for the initial call for volunteers this December.

Like John, I also want to acknowledge and share my appreciation for our sponsors who do so much to make our STS events possible. Thank you to ACS, Clarivate, CRC Press / Taylor and Francis, Elsevier, GOBI, IEEE, IOPP, Knovel, Morgan and Claypool, Science/AAAS, and SPIE.

I'm really thrilled and honored to be starting in my new role as your STS Vice Chair and look forward to working with and learning from our chair John, all the members of Council and the Section. I very much looking forward to working and meeting with as many of you as I can over the coming years. Please do not hesitate to drop me a note and let me know what you want from your STS. See you soon in Seattle and then Washington!



Tim Klassen
STS Vice-Chair/Chair-Elect
University of Alberta
780-491-7918
tim.klassen@ualberta.ca

STS
Science & Technology Section

STS Committee and Discussion Group News

Science Resources: Discovery & Access Committee

Emily Gorman & Laura Palumbo, Co-Chairs

The Science Resources: Discovery and Access committee continues to highlight science and engineering resources for your use! Some of our recent Inside Science Resources (<https://insidescienceresources.wordpress.com>) blog posts include:

- Latest Thinking
- Mathematics Genealogy Project
- Free (and Sometimes Overlooked) Chemistry Resources
- The Open Access Directory

Continue the conversation about recent or past Inside Science Resources (<https://insidescienceresources.wordpress.com>) blog posts on our social media pages:

- Facebook (<https://www.facebook.com/insidescienceresources/>)
- Twitter (<https://twitter.com/InsideSciRes>)

If you have a resource you would like to see reviewed, please leave a comment at <https://insidescienceresources.wordpress.com>, Facebook, or Twitter. If you're interested in learning more about the committee or the blog, feel free to join us at ALA Midwinter during the STS All Committees Meeting!

Membership & Recruitment Committee

Larayne Dallas & Patricia Hartman, Co-Chairs

Members of the STS Membership and Recruitment Committee (M&R) held their first meeting of the new committee year on September 4, 2018, via conference call. M&R manages several yearlong projects and has a special focus on events at the ALA Annual Conference. We are pleased to say that 96% of respondents who attended the 2018 STS

Membership Breakfast in New Orleans rated the overall breakfast above average or excellent!

On the M&R conference call, members volunteered for assignments and quickly started in on tasks. We also plan to look beyond current activities and consider what will encourage a growth in STS membership. Surveys from last year revealed that dropped members who tell us why they are leaving STS are almost always retiring. It is a sad but somewhat reassuring response.

STS Liaisons Committee

Paula C. Johnson & Ginny Pannabecker, Co-Chairs

Curious about what the Liaisons Committee does? And liaisons to whom, you might ask. The committee Charge is : *To promote and coordinate the work of the STS Liaisons to different professional groups with which STS has established formal and informal relationships and to provide information sharing within the Section that may lead to collaboration and exchange.*

Many organizations are involved in science and technology librarianship, and in order to enhance the exchange of new ideas and concerns, STS draws from its membership to create a liaison program. You may view the committee roster and the organizations to which we liaise here: <https://bit.ly/2Dn5jGJ>. You may also access the liaison reports archive from that webpage. In late September, committee member Josh Rose sent sts-l a link [<http://bit.ly/2PYiJul>] to the report he wrote on the Fall 2018 American Chemical Society meeting he attended. Check it out – interesting!

The STS Liaisons Committee will not convene at MidWinter 2019 in Seattle, however, a virtual meeting will occur on a midwinter date to be determined. Representing the Liaisons Committee at any MidWinter Council meetings will be Tod Colegrove, International Association of Technological University Libraries liaison.

Finally, keep an eye out for the announcement concerning the annual Online Spring STS Liaisons Forum.

Oberly Award Nominations

The Awards Committee invites nominations for the 2019 Oberly Award. The Oberly Award, established in 1923 in memory of Eunice Rockwood Oberly, librarian of the Bureau of Plant Industry, United States Department of Agriculture from 1908 to 1921 and the Bureau of Plant Industry's representative to the Congressional Joint Commission on Reclassification of Government Employees and instrumental in gaining a fairer recognition of library activities, recognizes the best English-language bibliography in the field of agriculture or a related science. This biennial award is given in odd-numbered years and will be presented at the 2019 ALA Annual Meeting.

The committee is accepting nominations, through December 7, 2018, in the form of a letter describing why the bibliography should be recognized for this award and a copy of the bibliography. English-language print or electronic bibliographies in any format in the field of agriculture or a related science published during the two-year period preceding the year in which the award is presented are eligible for the award. Bibliographies may be a print or electronic monograph, a completed series viewed as a body of work, or an ongoing print or electronic publication.

Additional details are available at <http://www.ala.org/acrl/awards/publicationawards/oberlyaward>.

For questions or submissions, contact co-chairs:

Sara Scheib sara-scheib@uiowa.edu or Zoe Pettway Unno, zoeunno@gmail.com

News from the Membership

Robin O'Hanlon, MIS, is the 2018-2019 ARCL-STIS Liaison to the [Medical Library Association](#) (MLA). She is thrilled to have the opportunity to connect STS members with the professional development, education, and leadership opportunities MLA offers and share information about key MLA initiatives and activities. Robin has been a member of MLA since 2016 and is currently a member of the MLA New York/New Jersey and MLA Philadelphia chapters. In 2017-2018, she served as Chair and Section Council Alternate Representative of the Medical Library Association's [Consumer and Public Health Information Section \(CAPHIS\)](#). She currently holds a Level II [Consumer Health Information Specialization](#).

In 2018, Robin was selected as a Research Fellow for MLA's inaugural [Research Training Institute for Health Sciences Librarians](#) (RTI). The MLA Research Training Institute was developed to provide practicing health sciences librarians with an opportunity to immerse themselves in instruction and focused activities related to scholarly research, inquiry, and publishing. The inaugural RTI took place at the [Library of the Health Sciences-Chicago](#) (LHS-Chicago) at the University of Illinois-Chicago (UIC) in July 2018. Robin, along with the 19 other [Research Fellows](#) in the 2018 cohort, will complete a year long research project. [Applications for the 2019 Research Training Institute](#) are now open and must be received by December 1, 2018.

Robin recently began a new position as Associate Librarian, User Services at [Memorial Sloan Kettering Library](#) in New York City. She can be reached at ohanlonr@mskcc.org.

Nancy R. Curtis (University of Maine) presented a poster, "Rebranding Bibliometric and Research Assessment Services to Start from the Ground Up," at the Bibliometrics & Research Assessment Symposium in Bethesda, MD.

News from the Membership Continued

Ray Pun attended IFLA World Library and Information Congress in Kuala Lumpur, Malaysia in August 2018. He gave a lightning presentation on supporting first year experience STEM through campus sustainability research and information literacy at Fresno State. He co-wrote the conference paper with several undergraduate students who shared their perspectives on participating in the program.

Nestor Osorio has new publications:

Osorio, Nestor L.; Solomon, Daniela (2017). A Bibliometric Analysis of ASEE conference papers published by members of the Engineering Libraries Division. Proceedings of 2017 American Society for Engineering Education Annual Conference. Engineering Libraries Division, Session T321, 22 p. Washington DC: ASEE, 2017.

Osorio, Nestor L.; Osorio, Gabriel E. (2016). Interplanetary Travel: Cluster Analysis of Inspec Classification Codes to Identify Main Subject Areas. LIBRES, 26(2), 113-143.

Osorio, Nestor L.; Johnson, Samantha. (2016). A Visualization Model Used for Determining the Effectiveness of Information Retrieval in a Scientific Database. Library Philosophy and Practice (e-journal). 1473, 27 p. <http://digitalcommons.unl.edu/libphilprac/1473>

Carmen Cole, Angela Davis, and John Meier published a new article: "We repeated a study of mine from 10 years ago comparing Google Scholar to Compendex and also examined Scopus this time. We have an open data set and also code with the article, so other librarians can use our data and methods."

Cole, C., Davis, A. R., Eyer, V. L., & Meier, J. (2018). "Google Scholar's Coverage of the Engineering Literature 10 years Later." Journal of Academic Librarianship. 44(3): 419-425. <http://doi.org/10.1016/j.acalib.2018.02.013>

Sarah Derup recounts her experience at the Great Lakes Science Bootcamp: As a new STEM Librarian at the University of Louisville and a new librarian in the profession, my supervisor recommended I attend the Great Lakes Science Boot Camp. The 2018 conference was held in July on the Purdue University campus. Featured speakers included pioneering science researchers who shared insight into their work and information needs. Tours of physical research spaces demonstrated new innovations and challenges associated with cutting edge research facilities. Lightning talks provided regional librarians the ability to share success stories and lessons learned in the field of library science. In addition to a well curated schedule of events, the conference provided a unique networking opportunity with other local academic science librarians. I highly encourage attending the 2019 Conference at the University of Chicago even if you are not located outside of the Great Lakes Region. I plan on attending the Great Lakes Science Boot Camp throughout my library career.

We are always interested in membership news. Please consider submitting something for the Spring 2019 STS Signal!

ACRL News

ACRL 2019 – Recasting the Narrative is coming April 10-13, 2019, in Cleveland

The [ACRL Conference](#) is your once-every-two-years opportunity to access the best information, discover new ideas, and stay at the forefront of the profession. You'll get irreplaceable opportunities to connect with your peers from all over the country and all over the globe, along with access to content all year long.

Conference Program

ACRL 2019 features more than 500 thought-provoking sessions hand-selected by your peers. The conference offers a variety session formats, including contributed papers, panel sessions, poster sessions, roundtable discussions, TechConnect presentations, preconferences, and workshops. With this wide range of formats, there's something to appeal to all learning styles. The initial ACRL 2019 program schedule will be available later this fall on the [conference website](#). And while you can't be in two places at once, your conference registration allows you access to nearly 400 of these sessions in the Virtual Conference for one full year after the event.

Keynote Speakers

Journalist **Michele Norris** will deliver the opening keynote on April 10. Norris is a Peabody Award-winning journalist, founder of The Race Card Project and Executive Director of The Bridge, The Aspen Institute's program on race, identity, connectivity, and inclusion.

ACRL 2019's middle keynote on April 11 features author **Viet Thanh Nguyen**. Nguyen's writing is bold, elegant, and fiercely honest. His remarkable debut novel, *The Sympathizer*, won the Pulitzer Prize, was a Dayton Literary Peace Prize winner, and made the finalist list for the PEN/Faulkner award.

You'll leave ACRL 2019 inspired by our final keynoter, cartoonist **Alison Bechdel**. Bechdel is an internationally beloved cartoonist whose darkly humorous graphic memoirs, astute writing and evocative drawing have forged an unlikely intimacy with a wide and disparate range of readers.

Register Today!

[Registration](#) and [housing](#) for ACRL 2019 are now available! While the conference is coming up April 10-13, 2019, you can get a jump on registration to get the best rates, meet current fiscal year deadlines, or because you're just too excited to wait. Register for ACRL 2019 by February 8, 2019, and take advantage of discounted early-bird registration rates. You can save \$70 or more! Group discounts are also available for institutions that register ten or more employees.



ACRL News Continued

RBMS Conference

June 19-22, 2019, Baltimore, Maryland, Response and Responsibility: Special Collections and Climate Change

The archives and special collections library communities – as part of the global community – face prospective major shifts in our energy systems, economic models, and literal landscapes. Current and predicted impacts associated with climate change offer highly varied and unpredictable effects on our collections, collecting, facilities, services, funding, users, communities, and professional lives. This conference invites attendees and the broader archives and special collections communities to a candid and forward-looking conversation about our work in the era of climate change. Sessions will connect these issues across our proven professional capacities for committed cultivation of inclusivity, technical excellence, strong collaboration, cultural and historical scholarship, educational expertise, and resource stewardship. Registration opens in February! <http://conference.rbms.info/2019/>



ACRL Books

ACRL publishes a range of books to assist academic librarians in developing their professional careers, managing their institutions, and increasing their awareness of developments in librarianship, providing timely, thought-provoking, and practical content and research to academic and research librarians worldwide. Some recent titles:

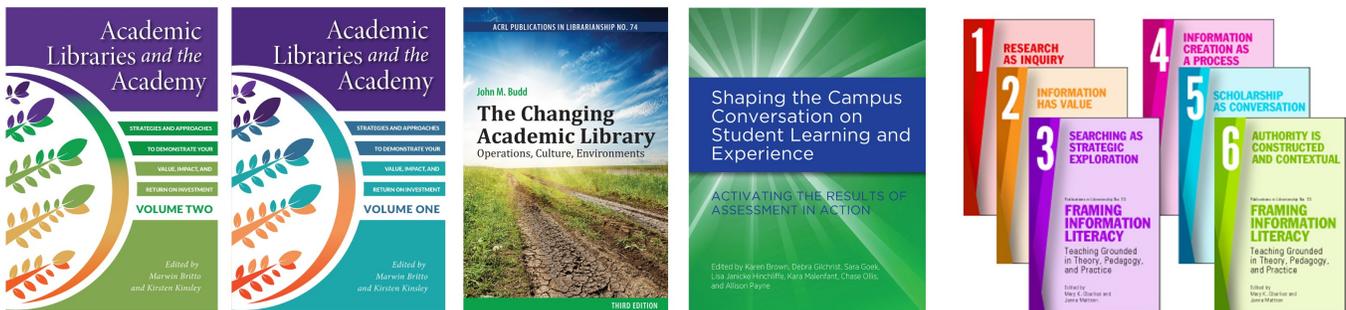
Academic Libraries and the Academy: Strategies and Approaches to Demonstrate Your Value, Impact, and Return on Investment, 2-Volume Set

The Changing Academic Library: Operations, Culture, Environments, Third Edition

Shaping the Campus Conversation on Student Learning and Experience: Activating the Results of Assessment in Action

Framing Information Literacy: Teaching Grounded in Theory, Pedagogy, and Practice, 6-Volume Set

Interested in writing for ACRL? Contact Erin Nevius, ACRL's Content Strategist, at enevius@ala.org for more information, or visit www.ala.org/acrl/publications/publishing to learn more about our book publishing program and submit a proposal.



ACRL News Continued

Call for Award Nominations

Excellence in Academic Libraries Award

\$3,000 and a plaque

Academic/Research Librarian of the Year

\$5,000 and a plaque

Generously sponsored by GOBI Library Solutions from EBSCO

DEADLINE: December 7, 2018

More information about these and all other ACRL award opportunities can be found on the ACRL website:

<http://www.ala.org/acrl/awards> or by contacting Chase Ollis at collis@ala.org



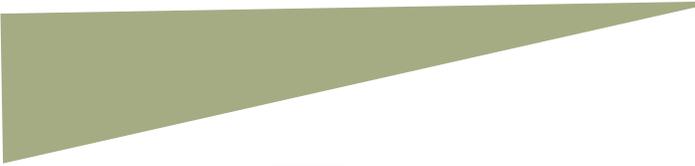
ACRL RoadShow Workshops

Looking to build your library's professional skills? ACRL offers a variety of traveling workshops that can be brought upon request to your campus, chapter, or consortia. Led by expert presenters, these one-day immersive workshops help academic librarians learn new skills and strengthen existing competencies to tackle the greatest issues facing the profession today. Current workshop topics include:

- Assessment in Action
- Engaging with the ACRL Framework
- Intersections of Scholarly Communication and Information Literacy
- Putting the Standards for Libraries in Higher Education into Action
- Research Data Management
- Scholarly Communication: From Understanding to Engagement



About the Signal



STs SIGNAL

We're on the Web!

www.ala.org/acrl/sts

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