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ALA Annual Conference 2014
Schedule for STS

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<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Place</th>
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</thead>
<tbody>
<tr>
<td>Council I</td>
<td>6/27</td>
<td>7:00–9:00pm</td>
<td>BALLY-Bronze 4</td>
</tr>
<tr>
<td>All-Committees Meetings</td>
<td>6/28</td>
<td>8:30–10:00am</td>
<td>LVH-Pavilion 09</td>
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<tr>
<td>College Science Librarians Discussion Group</td>
<td>6/28</td>
<td>10:30–11:30am</td>
<td>LVH-Pavilion 09</td>
</tr>
<tr>
<td>Federal Science Agencies Update</td>
<td>6/28</td>
<td>1:00–2:30pm</td>
<td>LVH-Pavilion 09</td>
</tr>
<tr>
<td>Conference Program Planning 2015</td>
<td>6/28</td>
<td>3:00–4:00pm</td>
<td>LVH-Pavilion 09</td>
</tr>
<tr>
<td>Demonstrating Success through Assessment</td>
<td>6/28</td>
<td>4:30–5:30pm</td>
<td>LVCC-S228</td>
</tr>
<tr>
<td>General Membership Meeting &amp; Breakfast</td>
<td>6/29</td>
<td>8:30–10:00am</td>
<td>LVCC-N113</td>
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<tr>
<td>Hot Topics Discussion Group: ELNs</td>
<td>6/29</td>
<td>10:30–11:30am</td>
<td>LVCC-N113</td>
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<tr>
<td>Science and Technology Library Research Forum</td>
<td>6/29</td>
<td>1:00–2:30pm</td>
<td>BALLY-Skyview 3</td>
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<tr>
<td>All Task Force Meetings</td>
<td>6/29</td>
<td>3:00–4:00pm</td>
<td>BALLY-Las Vegas 1</td>
</tr>
<tr>
<td>STS Unconference II</td>
<td>6/29</td>
<td>4:30–5:30pm</td>
<td>BALLY-Skyview 3</td>
</tr>
<tr>
<td>STS Dinner: El Segundo Sol</td>
<td>6/29</td>
<td>6:00–8:00pm</td>
<td>3200 S. Las Vegas Blvd.</td>
</tr>
<tr>
<td>STS Program: Sticking with STEM</td>
<td>6/30</td>
<td>8:30–10:00am</td>
<td>LVCC-S220</td>
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<tr>
<td>STS Poster Session</td>
<td>6/30</td>
<td>10:30–11:30am</td>
<td>LVH-Pavilion 06</td>
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<tr>
<td>Council II</td>
<td>6/30</td>
<td>7:00–9:00pm</td>
<td>BALLY-Bronze 2</td>
</tr>
</tbody>
</table>
Letter from the Chair

It seems like yesterday when we gathered (shivering) in Philadelphia for Midwinter. It’s been a busy time since then as our STS Oberly Award Task Force received an unexpected communication from ALA. ALA offered to subsume the funds of the Oberly Award and guarantee that the award will continue for the foreseeable future. This is great news for one of the oldest awards granted by the American Library Association. Congratulations to the Task Force, led by Amy Paster and Edward Gonzalez, for a job well done!

The STS Research Agenda Task Force is hard at work developing a future-view for all STS members. At the same time, a 2014 ALA Emerging Leaders Team chose our proposed project “Design for a Virtual Collaboratory for the Science & Technology Section.” The Collaboratory will serve as a virtual meeting ground for STS members to connect around research ideas. The Collaboratory will host the Research Agenda. The Emerging Leaders team is composed of Kate Angell, Jonathan DaSo, Joy McGehee, Ashley Rayner, and Erica Tyler. Joy McGehee is the STS Sponsored Emerging Leader for 2014. I’m looking forward to what the Emerging Leaders Team comes up with for us – it’s a tall task!

By the time you receive this letter, you’ll have received a call for an STS Innovation Award Task Force. We recently lost our sponsor for the award and will be asking this new task force to determine a way forward.

I was pleased to see our Information Literacy Committee continue their monthly virtual meetings. I’d encourage you to join in the discussion of a new topic each month. Our most recent discussion dealt with efforts to serve undergraduate mathematics students. Please join me in thanking the committee for their dedication.

We have an exciting conference coming up in Las Vegas in June. Some of the highlights include a conference program that begins to explore a topic that all of us are concerned with: student retention! Join us Monday, June 30th, from 8:30am to 10am in the Las Vegas Convention Center S220 for “Sticking with STEM: How the Academic Library Can Help to Retain Successful Students.” A more complete description can be found in the program announcement in this issue of the STS Signal. Don’t forget to join us 30 minutes after the close of the program for the STS Program Poster Session in the Las Vegas Hotel, Pavilion 06. Come a little hungry: both events will have an assortment of food appropriate for the time of day. The Las Vegas Conference Program Planning Committee, led by Ariel Andrea and Judith Emde, have done a fantastic job of preparing for the conference.

The STS Assessment Committee will host an hour-long presentation: “Demonstrating Success through Assessment: Don’t Leave Outcomes to Chance.” The College Science Librarians Discussion Group and the Hot Topics Discussion Group will be sure to get us all stirred up while the Government Information Committee will host the Federal Science Agency Update. The Research Committee has been hard at work choosing poster session participants and the speakers for the STS Research Forum. We also can’t forget the General Membership Meeting & Breakfast; our Continuing Education Committee takes that effort under their wing each year. In case they’re reading, we hope that many of our STS Sponsors can make it to the breakfast on Sunday morning. Also, look for an announcement about the STS Dinner on Sunday evening as usual.

One new thing that, while not an official STS event, will certainly be of interest to most of us. The American Chemical Society is planning to sponsor a Saturday working lunch – I hope that they’ll find a great nearby venue to share new developments with our membership. It’s great to see them reaching out to us.

I never cease to be amazed with the amount of work that goes into a successful Annual Conference. So many people have to do their part for the meeting to be a success...and somehow it always seems to happen. Thank you all! I’d be remiss if I didn’t send a special thanks to a few folks. Mel Desart put his amazing level of effort into contacting a generous group of STS Sponsors. Lori Critz was a great mentor for me in her role as Past Chair and we’re in great hands next year with Marianne Stowell-Bracke’s term as Chair. Very special thanks go out to Megan Griffin and her staff at ACRL – you are the glue that holds us together!

Let me close with thanks to our continuing sponsors:

(Continued on page 3)
Letter from the chair (cont.)


Viva Las Vegas!

Matt Marsteller, STS Chair
Carnegie Mellon University

Letter from the vice-chair/chair-elect

Greetings!

I know that it is been a long, difficult winter for much of the country, and thoughts of spring and summer are on all our minds. And that means that ALA Annual in sunny Las Vegas can’t be far behind!

As chair-elect, a large part of my duties is to appoint co-chairs and members to the many STS committees, task forces, and discussion groups. I was delighted by the large number of members willing to volunteer – many brand new to STS completely. All appointments are now made, and I tried very hard to make sure that everyone got one of their top choices or best matches. The new rosters can be found at: http://www.ala.org/acrl/aboutacrl/directoryofleadership/sections/STS/ACR-STS. Welcome to all the new members, and many, many thanks for volunteering! Our members and the work we do are what makes STS a strong, vibrant section!

Our Annual conference schedule is also something to look forward to, and I can assure you it rivals anything that Las Vegas may offer (though it never hurts to take in the local color a little bit). Not sure where to start? Stop by the All Committees Meeting on Saturday morning, from 8:30-10:00 in the Las Vegas Hotel (Pavilion 09), and sit in on one of the many open meetings or pick up one of our pocket brochures highlighting the programs. This year we will also be having our second “Unconference” on Sunday from 4:30-5:30 in the Bally Hotel (Skyview 3). This gives the members a chance to choose the topics and direct the discussion to address new or less covered issues. The online scheduler is available at http://ala14.ala.org. I hope to see you all at one of the many programs!

I am always open to hearing from members about thoughts and concerns, and I welcome any feedback. My email is mbracke@purdue.edu, and I hope that you stop by and chat with me at the conferences.

Wishing you a wonderful spring,

Marianne Stowell Bracke
STS Vice-Chair/Chair-Elect
Purdue University Libraries
(765) 496-9620
mbracke@purdue.edu
@aglibrarian
Please join STS and the Health Science Interest Group at Annual on **Monday, June 30, from 8:30-10:00 am**, for a panel discussion: **Sticking with STEM: how the academic library can help to retain successful students.**

Student retention and success are major initiatives on many university campuses. In the modern age of accountability, libraries are being asked to assess their impact in non-traditional areas where long-held library methods of assessment fall short. One such area is student retention, particularly the lack of student diversity in STEM and the exceedingly low retention rates among all student groups in the sciences. This session will articulate the role librarians can play in the institutional goals relating to retention, particularly with students in the health sciences and STEM disciplines.

During this session, panel members will discuss how library services and instruction can aid student performance overall, and highlight specific retention issues for student groups under-represented in the STEM fields. Assessment data connecting academic libraries directly to student retention and academic success will be described. Ideas for new service models to better address at risk populations will be discussed. Attendees will leave with a greater understanding of how libraries can be partners in campus efforts to increase student engagement. Ample time will be provided for audience questions and discussion with the panel members:

Janet Fransen, Engineering Librarian at University of Minnesota

Dr. Joanna Jezierska, Director of the Multicultural Program for Engineering, Sciences, Allied Health Sciences, Community Health Sciences, and Nursing at University of Nevada Las Vegas

Carissa Tomlinson, First Year Experience Librarian at Towson University

Submitted by: Sue Wainscott, ACRL/STS 2014 Conference Program Planning Committee
Interested in learning more about Electronic Lab Notebooks (ELNs)? Be sure to attend the Hot Topics Discussion Group at ALA Annual in Las Vegas on June 29, 2014 from 10:30am to 11:30am.

Kristin Bogdan, a Science and Social Science Data Librarian from Yale University, and her team will demonstrate LabArchives which is one of several ELN products. They will detail how their universities got the ELN process started, how ELNs fit into the library, exactly how the library fits into the whole picture, and what they have learned along the way. The speakers will talk for about 20-25 minutes and then a thorough discussion about ELNs will take place.

Submitted by: Kim Bailey, Co-chair, ACRL/STS Hot Topics Discussion Group

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Call for mentors and mentees

The STS Continuing Education Committee would like to remind all members about the STS mentoring program which pairs newer librarians with more experienced and accomplished ones. A survey we distributed on STS-L last year indicate that many were not aware of this opportunity. To help revitalize the program we have created a new page that brings together all the key information in one place. We have also linked this resource directly off the spotlight section on the STS web page to make it easy to find.

We are actively looking for both those interested in being mentored as well as those willing to serve in this role. Online forms for participating in either of these ways are available at the web address above. Conference attendance is not required and you may determine your preferred mode(s) of communication. For any potential mentees, please note that the actual matching process itself is a manual one based on your indicated interests and it may take some time to confirm availability of suitable mentors from our pool.

The STS Continuing Education Committee also maintains a guide to professional development resources for science and technology librarians, linked on the spotlight section of the STS web page.

Submitted by: Ed Lener, Co-chair, ACRL/STS Continuing Education Committee
**STS Poster Session**

Monday, June 30  
10:30am to 11:30am  
LVH-Pavilion 06

**Information Literacy Competency Standards for Nursing**

Loree Hyde  
Oregon Health & Science University  
Library & School of Nursing

Julie Planchon Wolf  
University of Washington Bothell and Cascadia Community College

**An Effective Library Approach for Increasing Diversity in the STEM Community**

Ingrid Ruffin, Thura Mack and Nicole Barajas  
University of Tennessee

**Choosing the proper database(s) for dental researchers: Web of Science vs. Scopus vs. Medline (PubMed)**

Helen He  
Head of Dentistry Library  
University of Toronto

**Peer to Peer Tutoring and Library Student Employees Improve Retention in Math**

Annie Zeidman-Karpinski  
Science and Technology Services Librarian  
University of Oregon  

(Continued on page 7)
STS Poster Session (cont.)

Empowering Women in Science, Technology, Engineering, and Mathematics: Librarians Leading the Way

Laura Palumbo
Chemistry & Physics Librarian
Rutgers University

Connie Wu
Engineering and Patent Information Librarian
Rutgers University

Not Merging with the Others: The Tale of Modernizing a Stubborn Math Library

Nastasha E. Johnson
Assistant Professor of Library Science
Physical and Mathematical Sciences Information Specialist
Purdue University Libraries

Dual Credit Programs: Challenges for Academic Librarianship in the Sciences

Shannon Johnson, et. al.

A Pilot Project to Connect STEM Students to the Library and Support Services

Zoe Pettway Unno
Science Librarian
California State University, Fullerton

Shifting the Paradigm: A New Framework for Information Literacy in the Sciences

Elizabeth Berman
Science Librarian
University of Vermont

Communicating Data: A Pilot Project for Interdisciplinary Access

Amy J. Barton
Metadata Specialist
Purdue University Libraries

Presenting Science: Preparing and Delivering Effective Scientific Posters

Nirmala Gunapala
Science Librarian
New Mexico State University Library

Utilizing Curriculum Mapping to Identify Information Literacy Needs and Opportunities in Chemistry Courses

Cherie Turner
Chemical Sciences Librarian
University of Houston Libraries

Thank you to all of our presenters!

Submitted by Jack Maness, Co-chair, ACRL/STS Research Committee
Join ACRL STS for the 2014 STS Dinner at **El Segundo Sol** during the ALA Annual Conference in Las Vegas!

**Where:**
El Segundo Sol
3200 S. Las Vegas Blvd.
Las Vegas, NV 89109

**When:**
Sunday June 29, 2014
6:00–8:00pm

**Register** by June 8th. The cost is $27.

We are having a Fajita Party and here is the scrumptious menu:

**Shared Starters**
Chips & Guacamole * Chips & 3 Salsas * Fried Peppers

**Salad**
Chipotle Caesar Salad

**Entrée**
Family style fajita platters with choice of chicken, steak or vegetarian
  * served with sizzling bell peppers & onions, corn on the cob & asparagus,
  * served with cilantro rice, black beans, guacamole, pico de gallo,
  * salsa & warm flour tortilla

**Dessert**
Flan of the Day or Double Fudge Layer Cake
Science and Technology Library Research Forum

Sun June, 29
1:00–2:30 pm
BALLY-Skyview 3
Guest Moderator: Denise Bennett, University of Florida

Featured Paper:
“Unbundling a Big Deal: Comparing Three Data Sources to Come to Decisions”
Diane (DeDe) Dawson, Science Liaison Librarian, University of Saskatchewan

Short papers:
“STEM Learning in the Library Learning Commons: Examining Whiteboards for Evidence of Learning through Student-Generated Visualizations”
Uta Hussong-Christian, Instruction & Science Librarian, Oregon State University
Rick Stoddart, Assessment Librarian, Oregon State University

“Demographics of Science Teachers and Perceptions of a Video Digital Library”
Dan Albertson, School of Library and Information Studies, University of Alabama

ALA & ACRL News

ACRL’s task force is scheduled to release a revised draft of the Framework in mid June. They will hold a hearing at the American Library Association’s Annual Conference in Las Vegas (Saturday, June 28, 10:30–11:30am) as well as online hearings in June. Task force members will continue the iterative process, modifying the Framework based on feedback they receive then. They expect to submit a final document to the ACRL Board in August 2014 for their consideration and approval in September. For more see http://acrl.ala.org/ilstandards/.

ACRL 2015 will feature more than 300 carefully curated programs to help you stay at the forefront of the profession. Access cutting-edge information, discover new ideas, and engage in conversations with academic and research librarians from around the world. Registration and housing materials will be available soon. Register by the early-bird deadline to take advantage of discounted fees; group discounts up to 20% and scholarships are also available. Complete details are online at www.acrl.org/acrlconference.
About the Signal

STS SIGNAL

We’re on the Web!
www.ala.org/acrl/sts

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Signal is made available to all section members at no charge on the STS Web site.
ISSN: 0888-6563

Issues in Science and Technology Librarianship is also available to all section members on the ISTL Web Site.

STS SIGNAL is a biannual publication of the Science and Technology Section of the Association of College & Research Libraries, a division of the American Library Association, 50 E. Huron St., Chicago, IL 60611; 800-545-2433 ext. 2523. It is designed as a communication vehicle to the members of the Section and other interested parties. Electronic transmission of materials is preferred, and instructions for transmission are available on request. Inquiries should be made to:
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