STS Task forces hard at work include the Information Literacy Standards Review TF, which is in the process of re-forming to review the ACRL Information Literacy Standards for Engineering and Science/Technology; the Subject Librarians TF, which will finish its work at

Letter from the Vice-Chair/Chair-Elect

The requirements for serving on a committee or discussion group are:

w Be a member of ALA, ACRL and STS for the duration of the appointment;

w Attend the ALA Midwinter Meeting and ALA Annual

Assessment Committee

The STS Assessment Committee continues to provide assistance in developing evaluative and measurement rubrics and processes for the myriad activities conducted by other STS committees. Ongoing work includes collecting and reporting on attendance at various STS-related programs and working with the Publications Committee on a survey document. The Committee is currently working on developing a program for the 2012 Annual meeting which will focus on assessment of STM bibliographic instruction and ways to use that information to improve teaching and learning outcomes. The Committee plans to meet virtually in lieu of the Midwinter 2012 meeting. Finally, the Committee welcomes new collaborative assessment projects at any time! Please don't hesitate to contact the Assessment Committee with ideas and suggestions.

Beth Blanton, Co-Chair

STS 2012 Annual Conference Planning Committee

For those of you who will be attending the Annual Conference in Anaheim this summer, set aside the morning of Monday, June 25 for the STS Conference Program, **Preparing Tomorrow's Science Professional**.

The program seeks to establish a dialogue between Science & Technology Librarians, Faculty and Students, focusing on the issue of preparing today's students to become tomorrow's science professionals. Our panel of librarians and faculty members will explore the challenges professors face as they seek to educate emerging scientists, new outreach models for working with faculty on creating information and data literate researchers, and the ways librarians can work with science students to support their goals of becoming science professionals.

The panel event will be followed by poster presentations and lunch.

Hope to see you there!

Lindsay Johnston

Co-chair, STS 2012 Annual Conference Planning Committee

Government

The STS Government Information Committee will be sponsoring a "Federal Science Agency Update" at Midwinter on Sunday. I requested 4:00-5:30 as a first choice and 10:30-12:00 as a backup time, but

Presentation slides available at http://www.slideshare.net/joanstarr/toward-making-data-management-easy
Introductions: (1) California Digital Library (CDL) – Serves 226,000 students 134,000 faculty and staff, for the entire University of California system; (2) Curation and Preservation, partnership between the campuses, CDL and some peer institutions- data curation requires a new structure; (3) Curation- *New roles for new times, digital curation for preservation* "refers to the actions people take to maintain and add value to digital information over its lifecycle, including the processes of maintaining digital content"; (4) Digital preservation - focuses on the series of managed assets – ensuring access to digital materials for as long as necessary

The Research Life Cycle: (1) Scholar has capacity for discovery because curators/libraries have collected; (2) Gathering because publication has happened, and vice versa- our activities enable the activities of the scholars. Protecting the intellectual investment of the institution and intellectual legacy; (3) Librarians can jump in at any time; (4) Build or acquire tools at any time of the lifecycle; (5) Enhance data sharing, collecting and gathering; (6) Facilitate data publication; (7) Partnerships to facilitate wide access;

Help researchers comply with new requirements: (1) Micro-services and Merritt; (2) DCXL; (3) WAS; (4) Data Paper model; (5) EZID; (6) Partnerships (network level): DataONE and DataCite; Data Management Plan Tool

Curation Micro Services: (1) Individual - Can

(1) Collaborative effort; (2) Funder's data management sharing policies; (3) Data sharing requirements of journals; (4) UC schools, Smithsonian, ICPSR, UVA, and the NSF plus other institutions: Goal is to have this tool available for wide use in the Fall of 2011. (5) Sharing of data increases citations and boosts discoveries: Cultivate quantity and efficiency, Better organization, easier preservation, Intention is to be available without a fee

Build your Own / Open Source Tools / Off the Shelf Options: (1) CurateCamp- Community "unconference" in August @ Stanford to connect practitioners and technologists interested in digital curation and data management

Discussion/Questions: (1) DOI's in existence, compatible with EZID? Granted permission to bring in legacy DOIs into the system and will be able to maintain them going forward. (2) Question to post to STS discussion group. Where will it be hosted? Is it customizable?

What are the advantages of automatic assignment of DOIs (to documents, datasets, and objects)?

    What do we do about versioning? Changing of the data sets and derived data?
    DOIs are special, not automatic identifiers,
    Data has to be intended to be taken care of on a perpetual basis and require care
    If data is changed or a new version, a new DOI should be issued.

How can we get involved in the data management planning tool effort? Check the wiki and see how to sign up for development and evaluating of the Beta.

Submitted by **Wendy Girven, member**, **STS Hot Topics DG**

The Publications Committee held their Annual meeting in person in New Orleans. Peter Zuber chaired, with four committee members in attendance.

STS-L moderator Peter Zuber reported that the list now has 1,442 subscribers. We also discussed the unmoderated nature of the list, that the list is not to be used for ILL requests, and that periodic reminders may be necessary to remind subscribers of this fact.

Andrea Duda reported that *Issues in Science & Technology Librarianship* (ISTL) now has 4,206 subscribers. ISTL has begun using Google Analytics to measure views of ISTL beginning with this past spring's issue. The Fall ISTL issue will be the 15th anniversary issue.

Signal

College Science Librarians Discussion Group

"Measuring the Value of our Science Libraries and Collections"
at the ALA Annual Conference on June 26, 2011

28 people attended the Discussion Group Meeting entitled "Measuring the Value
of our Science Libraries and Collections" at the ALA Annual Conference on June 26, 2011. Four questions were used to frame the discussion and participant responses have been summarized below.

Do we actually have to be more accountable to our stakeholders?

Most participants indicated that we do have to be more accountable, as other Departments and Faculties have been asked to do the same in an era of decreasing budgets. The accountability metrics must resonate with our stakeholders and have to be more than just holdings and circulation counts of physical collections, especially as we lose physical space and as print collections and their use decreases. There must be measurements of student-centered learning and success, use of digital resources and impact on faculty productivity. If libraries are to be perceived as mostly study spaces, there needs to be metrics that demonstrate the use and benefits of such spaces—for collaborative learning, group and individual study. The overall challenge will be the need to develop appropriate and practical metrics.

What institutionally relevant outcomes or best practices should we consider?

We must connect our usage data to institutional strategic plans. The focus should be on student-centered learning outcomes, data on the use of textbooks/course reserve circulation, support for copyright clearance issues, and database use (vendor logs). The metrics must focus on aspects of service and collections that contribute to student learning as well as retention and graduation rates and faculty research productivity (e.g. are they using library resources for citation analysis, grant proposals and patent applications?). Library instruction and information literacy programs should be course- integrated, graded, and collaborative, with an emphasis on developing critical thinking skills. In addition to having student and faculty based metrics, libraries need to have access to any relevant data held by administrators for strategic planning purposes.

What assessment metrics (Qualitative or Quantitative) should we utilize to demonstrate our value?

For qualitative metrics, a record of anecdotal and selectiv3b-a ivi677 -1.15 tee(pla)7(ne3 Tw 0 -3) ( )-1( )-6(l ivipur-ArnGetiviCper)-5()-4

ALA & ACRL News

Submit a proposal for ACRL 2013

The ACRL 2013 Conference committee invites you to submit a proposal for ACRL 2013: *Imagine, Innovate, Inspire*. The conference, to be held in Indianapolis, April 10-13, 2013, will feature the best and brightest ideas in academic librarianship. Imagine, innovate, and inspire your colleagues and others in the higher education community with proposals that explore the most dynamic and challenging issues and ideas facing academic and research librarians today.

Session formats