asis&t
The SIG STI Newsletter
A Publication of the Special Interest Group on Scientific and Technical Information (SIG STI)
of the Association for Information Science and Technology (ASIS&T). August 19, 2015

SIG STI

Letter from the Chair

Hello fellow SIG STI members,

It's August and time to put our affairs in order. Besides putting together year end reports (which we will share with you later), and other mundane activities, we are preparing for our annual ASIS&T Conference. The 2015 ASIS&T meeting will be held this fall, November 6-10, in St. Louis. This year's theme, Information Science with Impact: Research in and for the Community, promises to be a relevant topic for STI members interested in the role of information communities in scientific environments. I sincerely hope that you will be able to attend the annual meeting. If you do, then please feel free to contact me because I would be more than happy to meet you. We will have a table set up during the SIG Rush hour and in addition, the STI officers are planning to put together a STI members' dinner party. We would like to extend an invitation to you to join us for dinner and good conversation. When the conference program has been published, we will have a better idea of what night we can plan for our dinner group. Stay tuned!

Annual STI Business Meeting. We will hold the STI annual business meeting during the conference and we encourage you to attend it. The room and time is yet to be determined but I will post it as soon as program details are available. Your participation and engagement at our annual business meeting are both encouraged and welcome: there will be a full agenda. The future of STI, from my perspective as chair, is exciting. We are in the process of transforming our SIG by moving in new strategic directions. In my last newsletter, I discussed the history of our SIG, which was established in 1966 with the purpose of cultivating a "common ground" for biological and physical scientists regarding their role and scope of "information activities". In this age of Big Data and with the mandate for implementing research data management best practices, not to mention the tremendous advances in information science technology, we recognize the need to update our purpose and redirect our mission to meet the needs of our members and the challenges that lay ahead for them. This will require creating a new vision for STI and we cannot do it without your participation, so we hope that you will join us in St. Louis at our annual meeting.

Current Activities

STI Webinar: A Success. Since our annual meeting in Seattle last November, STI members have been active and on the move. On May 21st, we sponsored the ASIS&T webinar entitled Electronic Lab Notebooks (ELNs): Capturing Laboratory Activity as It Happens. The presenters included Kristin Bogdan (STI Secretary), formerly from Yale University and now at the University of Saskatchewan; Wendy Kozlowski, Cornell University; and Evan Simpson from Tufts University. They discussed how the role of libraries, and especially of librarians, is changing within scientific communities on campus. Their presentation illustrated how the incorporation of tools, specifically electronic lab notebooks, are making a positive impact in scientific and technological communities in support of research data management best practices. The presentation is available for viewing, so let us know if you're interested in listening/watching it. The webinar, in terms of attendance, was well received and the interaction between presenters and audience was outstanding. Well done Kristin and thanks to Moriana for making the webinar possible.

STI sponsorship: STI will be sponsoring an upcoming issue of the Bulletin of the Association for Information Science and Technology, edited by Moriana Garcia (Treasurer). It will be dedicated to issues regarding the scientific and technical information needs and activities of our practitioners of 3D Technologies. Keep an eye out for it.

The SIG STI Newsletter

A Publication of the Special Interest Group on Scientific and Technical Information (SIG STI) of the Association for Information Science and Technology (ASIS&T). August 19, 2015

STI Liaisons with ACRL. Moriana Garcia also has served during the past year as ASIS&T Liaison to the ACRL Science and Technology Section (STS). We want to acknowledge and extend our appreciation for her hard work in serving both our associations' collaborative needs. But she has handed over this role to very capable hands: Kristin Bogdan has taken over the liaison role.

Status of Future Plans and Goals.

Membership: In the last newsletter, I discussed our objective to increase our membership. Last fiscal year, we had 161 members but this fiscal year we added 122 new members to our roster, a 78% increase! We are pleased with having new members joining our community and look forward to engaging them. In the last newsletter, I also discussed the possibility of adding a membership officer to our corps of STI officers. This will most likely be a topic at our annual business meeting. In addition we are in the process of constructing a SIG STI member survey. We want to ask you how we can serve your needs as members of the scientific and technical communities. The survey is tentative at this point and should be a topic at the annual business meeting. So, if you want to participate in these discussions, please use our listserv or join us at our annual business meeting to share your ideas with us.

Best Paper Award: The deadline was July 31st and it appears that this year we have a number of qualified candidates. We are hoping to make an announcement shortly. The award will be presented to the winner at our annual business meeting. This brings us to the point that … if you have written any papers, attended any conferences or would like to share your views on any topic of interest regarding STI activities, then please feel free to post your comments on the listserv or contact me at mluesebrink@fsu.edu.

Multi-SIG collaboration. We are still interested in collaborating with another SIG regarding conference activities or association events. If you are a member, especially an active member of another SIG, and would like to see us collaborate with that SIG, then please contact me at the email address above or post it on our listserv. We are seeking new avenues for collaborating with other SIGs and we welcome all new innovative ideas that you may have.

One final note: SIG STI elections are coming up.

Michael Luesebrink,
M.L.I.S., PhD

Featured Resources

DMPTool, the Data Management Planning Tool, has been developed by a consortium of partnering universities to support the development of data management plans, which are now required by many funders for proposals. In addition to providing guidance, examples, and templates for meeting the requirements of various funders, the DMPTool offers instructions, a wizard, related resources, and an interface that can take users through a sequence of steps to create a data management plan that can be submitted to funders as part of funding proposals.

See https://dmptool.org/

The DataQ website was recently launched and has answers to questions about data. The DataQ editorial team of data experts are available to answers questions that library staff have about data. The website contains an online form for asking new data questions as well as links to questions and answers about data that have been asked previously. Information about tools and best practices also are available.

Visit the DataQ website at http://researchdataq.org/

asis&t The SIG STI Newsletter

**A Publication of the Special Interest Group on Scientific and Technical Information (SIG STI)
of the Association for Information Science and Technology (ASIS&T). August 19, 2015**

Publications of Interest

Ke Q, Ferrara E, Radicchi F, Flammini, A (2015) Defining and Identifying Sleeping Beauties in Science. PNAS (Proc. Natl. Acad. Science) 112 (24), 7426-7431
www.pnas.org/cgi/doi/10.1073/pnas.1424329112

The article, from the Center for Complex Networks and Systems Research, School of Informatics and Computing, Indiana University, Bloomington, contains 57 references, and appears to be a very comprehensive review of the subject of delayed recognition of individual references, but only one reference (no. 18 by Derek de Solla Price (1976)) came from JASIS&T. Therefore, this very interesting subject does not have any direct visibility among ASIS&T members.

Starr J, et al. (2015) Achieving Human and Machine Accessibility of Cited Data in Scholarly Publications. PeerJ Computer Science 1:e1
https://dx.doi.org/10.7717/peerj-cs.1

The authors review the Joint Declaration of Data Citation Principles (JDDCP) and offer guidance for enabling accessibility of cited data by both humans and machines.

Peng G, Privette JL, Kearns EJ, Ritchey NA, Ansari S (2015) A Unified Framework for Measuring Stewardship Practices Applied to Digital Environmental Datasets.

Data Science Journal 13.
http://doi.org/10.2481/dsj.14-049

The authors propose a stewardship maturity assessment model for environmental datasets and define the criteria for assessing data stewardship within a progressive five-level scale.

Downs RR, Duerr R, Hills DJ, Ramapriyan HK (2015) Data Stewardship in the Earth Sciences. D-Lib Magazine 21(7/8).
http://dx.doi.org/10.1045/july2015-downs

The authors review the evolution of scientific data management and discuss recent progress in the development and application of practices for managing Earth science data.

Nominate SIG STI Officers

Nominations are currently being requested for four SIG STI officers who will provide leadership for next year. These include the Chair Elect, the Secretary/Treasurer, Communication Officer, and Webmaster. Responsibilities for each position are described on the new SIG STI Wordpress site. See
http://www.asis.org/SIG/SIGSTI/wordpress/

Please send nominations, including self-nominations, to Michael Luesebrink at
mluesebrink@fsu.edu by September 1, 2015 and provide the name, professional title, organization, and email address of the candidate along with the title

of the SIG STI office for which the candidate is being nominated.

SIG STI Communications

The SIG STI website is online at:
http://www.asis.org/SIG/SIGSTI/wordpress/

Please send suggestions for content or for improving the design to sig.sti.asist@gmail.com.

Follow SIG STI on Twitter at
https://twitter.com/sigsti

Send email announcements to the SIG STI list at sigsti-l@asis.org

Current SIG STI Officers

Chair: Michael Luesebrink
Chair-Elect: Kristin Bogdan
Treasurer: Moriana Garcia
Secretary: Kristin Bogdan
Communications: Robert R. Downs
SIG Cab. Rep.: Michael Luesebrink
Alt. SIG Cab. Rep.: Kristin Bogdan
Past-Chair: Hong Huang

Issue Editor: Robert R. Downs