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SUNY College of Environmental Science and Forestry

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**Upstate New York Science Librarians Meeting
Moon Library
SUNY College of Environmental Science and Forestry
Syracuse, NY
October 17, 2008**



**Sponsored by:
SUNY-ESF Moon Library
Syracuse University Science and Technology Library**

8:00 – 9:00am Breakfast and Registration

9:00 – 9:15am Opening Remarks – Bruce Bongarten, Provost, SUNY-ESF and Elizabeth Elkins, Director of College Libraries, SUNY-ESF

The Changing Nature of Science: Born Digital/Data Driven

**9:15- 10:00am Selling Libraries and Librarians: How to Brand for the 21st Century.
Paul Gandel, Chief Information Officer, Syracuse University**

Libraries are scrambling to meet the needs of next generation of University research and learning needs. This requires working effectively and adding value to a world of increasingly complex information systems to support multiple aspects of the work, including interdisciplinary and inter-institutional real-time collaboration, high-performance processing of massive amounts of data and information from multiple world-wide resources, and all Web-based and Internet-served. In a world where researchers and students are now more likely to get a cup of coffee in a library than information, a new and bold vision of the role of libraries and librarians is needed.

From his perspective as CIO of Syracuse University, Gandel will recount his experience leading initiatives to develop cyberinfrastructure on an institutional level and reveal places that need the active involvement of science librarians. In addition, Gandel will describe his efforts to develop a new kind of professional, called “Cyberinfrastructure Facilitators,” with the skills to innovate with current information infrastructure and the ability to incorporate new information infrastructure as it emerges.

**10:15 – 11:00am All digital/All the time: Little science catches up with big science.
John D’Ignazio, Doctoral Student, iSchool at Syracuse University**

Scientists involved in “big science” investigations, defined by large-scale, super-expensive instrumentation projects such as space-based telescopes or the latest particle collider, have of necessity been early movers in innovating scientific conduct that has resulted in a data explosion. The reduced cost and ubiquity of computers and digital storage, as well as the connectivity offered by the increasingly open environment of the Web, means their colleagues in “little science” also now take advantage of these advances to speed productivity, increase scholarly reach, and produce a greater power of analysis related to the scientists’ research questions.

Based on research conducted in pursuit of his doctoral degree, John will describe the commonalities and differences that work practices with born digital objects have for scientists from these two types of sciences. A stronger awareness of how scientists regard data in terms of ownership, trust, and process will help science librarians know when and how to step in and offer their help and expertise to assist scientists’ struggling to stay afloat amidst a sea of data.

11:00 – 11:15am Morning Break

11:15 – 12:00pm Staying relevant: adapt trusted strategies of resource management and access. Jian Qin, Associate Professor, iSchool at Syracuse University

From her perspective as an LIS educator, Jian Qin will discuss how librarians can apply the field's techniques to manage resources born digital throughout the course of active work processes, even though they manifest less structure and validation compared with more traditional resources. By creating partnerships with prime movers in the local research community, librarians can work to develop metadata description and file preservation services at a research group level for sustained and consistent identification and access.

Librarians can also serve as a liaison between campus or library initiatives and the research community to curate research data. By aggregating similar needs across campus, librarians can help IT workers develop a large-scale repository that still meets the needs of particular researchers. Librarians can also serve as a reference resource for tools and methodologies related to computationally centered, data-driven science. By relying on their techniques of pooling resource awareness at a consortial-level, librarians can support each other in providing timely, relevant knowledge about trusted discipline-specific Web-based data collections, despite their proliferation and international location.

12:00 – 1:15pm Lunch and Networking

1:15- 1:45pm DataStaR, a library's contribution to research data curation. Kathy Chiang, Mann Library, Cornell University

DataStaR (**Data Staging Repository**) will be a platform and set of services to facilitate the publication of digital data and high quality metadata to domain-specific repositories and institutional repositories. This presentation will outline the reasons for the project, the design of the data curation and publication support services, and will describe the participants and their skills. It is of interest to any library considering research data support services.

TECH TALKS

1:45 – 2:10pm Creating Faculty Publication Lists from Scopus RSS Feeds. Tom Keays, Chemistry Librarian, Syracuse University

I'll cover how to convert an RSS search alert from the Scopus citation database into a list of publications for an institution's researchers. The techniques covered will include doing institution affiliation searches combined with subject limits in Scopus, and then processing the resulting feed using two free RSS services:

- Yahoo Pipes to reformat and filter the results set and to add EXproxy information to the links
- Feedburner to optimize the feeds as well as options such as click-through tracking, subscription tracking, and subscriptions by email or feed reader.

I'll also discuss several ways of embedding the list on a web page.

**2:10 – 2:30 Easy as Π (pi): Creating a math library guide using LibGuide
Flora Grabowska, Science Librarian, Vassar College**

In about 5 minutes I will create a basic guide to math resources in our library from scratch to show how easy a tool LibGuide is. With an additional minute I will update an existing Psychology guide to show how easy they are to edit and update. No html knowledge, no Dreamweaver ability is required. I started creating my first LibGuide after no more than 10 minutes with a colleague showing me the toolbar. I will describe how smoothly BI sessions are going this semester, without handouts, and with very little preparation, other than creating a subject LibGuide. I even get applause! I cannot answer questions about licensing the product but can refer those interested to <http://www.springshare.com/libguides/index.html>.

**2:30 – 2:50 Social Bookmarking as a Library Tool.
Ron Gilmour, Science Librarian, Ithaca College Library**

Social bookmarking services are an important component of Web 2.0. These services allow users to store their bookmarks on a web site and to share their bookmarks with others. Tags may be used to categorize bookmarks. At Ithaca College, we have utilized the social production of new book lists, filmographies, and assignment-specific resource guides. In all of these cases, existing bibliographic tools fall short in one way or another and a customized resource list created by a librarian is a desirable supplement. This talk will discuss the various ways in which Delicious can be used to meet the needs of library users and will describe ways to incorporate Delicious data into existing library web pages or templates.

2:50- 3:15pm Wrap-up and Networking

3:15 – 4:00pm Tours of Campus

- ◇ [ESF Teaching and Research College Greenhouses](#) – Terry Ettinger, our Greenhouse Manager will introduce us to an extensive collection of both rare and common plants in seven college greenhouses.
- ◇ [Roosevelt Wildlife Collection](#) – Ron Giegerich from our Environmental and Forest Biology department will show us the college's Roosevelt Wildlife Collection. This extensive collection of preserved specimens, some more than 100 years old, has many interesting, rare and extinct species represented.
- ◇ ESF Biorefinery operations – Graduate student Dan Nicholson will provide a walking tour of ESF's biorefinery operations, our million dollar fuel cell and other green energy initiatives.