Apr 6th, 12:00 AM

Breakout Session Descriptions: 2016 University of Massachusetts and New England Area Librarian e-Science Symposium

e-Science Symposium

2016 Breakout Sessions

Attendees will participate in two breakout sessions. Please attend the session as indicated on your name badge. These smaller presentations will allow participants to engage in directed discussions with librarians actively engaged in a certain area of research data services.

Compliance | Lamar Soutter Library Computer Classroom

Margaret Henderson, Director of Research Data Services

Hillary Miller, Scholarly Communications Outreach Librarian

Virginia Commonwealth University Libraries

Three years ago, the Office of Science and Technology Policy released the memo "Increasing Public Access to the Results of Federally Funded Research." So far, 16 agencies have released plans. These new requirements relate to information access so librarians are well placed to help researchers and grants administrators comply. Many librarians have previous experience with NIH Public Access Policy and/or NSF data management plan requirements, so the transition to the new mandates should be easy. This breakout session will help you focus your efforts on the most important aspects of public access and data management plans when helping researchers with compliance.

Data Information Literacy | Faculty Conference Room

Jake Carlson, Research Data Services Manager

University of Michigan

Researchers are under increasing pressure to manage, organize, describe and document their data in ways that enable others to discover, understand and reuse their work. However, the knowledge and skills needed to be successful in these tasks are not often a part of a student's education in college or graduate school. Librarians have an opportunity to address this gap in student's education through developing data literacy programming, but developing effective data literacy programs can seem daunting.

This session will introduce students to a model for creating data literacy programming developed as a part of the Data Information Literacy project. We will begin by reviewing the findings from interviews conducted with faculty and students at four universities. We will then walk through the DIL model step by step. Finally, participants will work through case studies to explore potential opportunities and generate possible approaches to offering data literacy programs.

2016 Breakout Sessions

Data Repositories | Lamar Soutter Library Rare Book Room

Lisa Johnston, Research Data Management/Curation Lead

Co-Director of the University Digital Conservancy

University of Minnesota

Data repositories: the answer that actually came with a question. Funders, journal publishers, and disciplinary societies recognize the benefits of long-term access to valuable data that could validate results, increase scholarly democracy, or possibly lead to future discoveries. With this in mind, a majority of research now being done in academia is subject to data sharing requirements that the underlying data be publicly accessible, citable, and persevered. As many subject-based data repositories help make this happen, particularly for computing-intensive disciplines with shared infrastructure, such as high-energy physics or real-time climate monitoring, who will manage the "long-tail" of smaller or multi-disciplinary research data?

Our institutional repositories (IR) could be the answer. With a few key policy decisions, and robust review and curation procedures, libraries are well-positioned to help researchers comply with mandates to share and archive their data. Whether you use Hydra, DSpace, Fedora, E-prints, or Digital Commons, this talk will outline important issues to consider as you build new capacity with existing IR infrastructure or a custom data repository, including staffing, curation procedures, and metadata and documentation requirements. Finally it will explore the results and faculty response to launching the Data Repository for the University of Minnesota in 2015, which is based on the Libraries' existing IR service. Our data submission process, curation procedures, faculty usage, and lessons learned will be placed in context of our broader data management and curation program.

Informationist | Medical School Building Room S1-123

Leah Honor, Library Fellow

Informationist Liaison to the Child and Adolescent Neurodevelopment Initiative

University of Massachusetts Medical School

In this session Leah will discuss her experiences working on an NIH Supplement for Informationist Services grant, what was accomplished, and what she learned along the way. Within the psychiatric neuroimaging research community, data and resource sharing have become accepted as standard, but issues related to attribution and citing data in novel research are still hindering meaningful reuse. This project aimed to illustrate a system of data identification that would not only allow for proper citation of whole datasets, but maintain the chain of attribution in derived and remixed datasets, allowing for a more complete picture of research impact and author contribution.