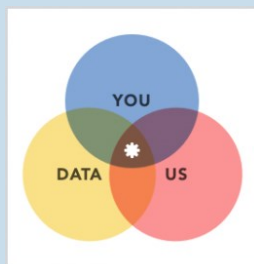


The Eighth Annual University of Massachusetts and New England Area Librarian e-Science Symposium



Library Research Data Services: Putting Ideas into Action

**Wednesday, April 6, 2016
Worcester, Massachusetts**



Co-Sponsors:

Lamar Soutter Library, University of Massachusetts Medical School



National Network of Libraries of Medicine, New England Region



Boston Library Consortium



Event Information

8:30 – 9:00 **Registration, Continental Breakfast and Networking**

9:00 – 9:15 **Welcome** *Faculty Conference Room*

9:15 – 10:00 **Keynote Presentation: Overview of Data Services**
Kendall Roark *Purdue University*

10:00 – 10:15 **Instructions for Breakout Sessions**

10:15 – 10:30 **Break and Move to Breakout Session Rooms**

Data Information Literacy | *Faculty Conference Room*

Jake Carlson *University of Michigan*

Compliance | *Lamar Soutter Library Classroom*

Margaret Henderson & Hillary Miller *Virginia Commonwealth U.*

Informationist | *Medical School Building Room S1-123*

Leah Honor *University of Massachusetts Medical School*

Data Repositories | *Lamar Soutter Library Rare Book Room*

Lisa Johnston *University of Minnesota*

10:30 – 11:15 **Breakout Session 1** *[see above for location]*

11:20 – 12:05 **Breakout Session 2** *[see above for location]*

12:10 – 12:30 **Lunch** *Faculty Conference Room*

12:30 – 1:30 **Poster Session** *Medical School Lobby*

1:30 – 2:30 **Panel 1: Future of Data Science: Library Educators**

Matthew Burton *University of Pittsburgh*

Jian Qin *Syracuse University*

Rong Tang *Simmons College*

2:30 – 3:30 **Panel 2: Future of Data Science: Library Practitioners**

Chris Erdmann *Harvard Smithsonian Center for Astrophysics*

Margaret Henderson *Virginia Commonwealth University*

Andrea Thomer *University of Illinois at Urbana-Champaign*

3:30 – 4:00 **Wrap-up, Closing Remarks and Evaluations**

Event Information

This symposium will encourage New England Region libraries and librarian's collaboration with, and support for, e-science initiatives at their institutions. Librarians will have the opportunity to discuss current practices and future roles that libraries and librarians might take on to support research data services their institutions.

Twitter Hashtag: [#esnersym16](#)

- **Morning Keynote Presentation**

The morning presentation will be delivered by Kendall Roark, PhD, Assistant Professor and Research Data Specialist at Purdue University. Kendall will provide a broad perspective on the research data management services that US and Canadian libraries are implementing.

- **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.

- **Poster Session**

The poster session will feature 20 posters highlighting current librarian research data services initiatives. This session will be an opportunity for symposium participants to interact with each other and poster presenters.

- **Panel Discussions**

The afternoon panels will feature a discussion on the future of data science. Current library educators and practicing librarians will address the needs of librarians today and how to provide new generation librarians with the skills to become data librarians.

Speaker Biographies

Keynote:

Kendall Roark, PhD

Assistant Professor/Research Data Specialist

Purdue University Libraries

Kendall Roark is an applied anthropologists with experience in academic, industry and community-based research. She received her PhD in anthropology and women's studies graduate certificate from Temple University in 2012. Kendall recently completed a two-year 2013-2015 Sloan Foundation funded CLIR/DLF postdoctoral fellowship in data curation for the sciences and social sciences at the University of Alberta (Canada) where she conducted research on clinical and health researcher practices and perspectives on data sharing. She is an Assistant Professor and Research Data Specialist with the Purdue University Libraries where she is involved in data management and data sharing initiatives and education. Her current research focuses on the social, economic and political aspects of Open Science.

Breakout Session Leaders:

Jake Carlson

Research Data Services Manager

University of Michigan

Jake Carlson is the Research Data Services Manager at the University of Michigan Library. In this role, he explores the application of the theories, principles, and practices of library science to data management and curation issues. In particular, Carlson seeks to increase the capabilities and opportunities for research libraries to provide services supporting data-related research. Carlson is a primary architect of the Data Curation Profiles Toolkit developed by Purdue and the University of Illinois at Urbana-Champaign (<http://datacurationprofiles.org>), and the PI of the Data Information Literacy project (<http://datainfoilit.org>). He is a co-editor, with Lisa Johnston, of the book *Data information Literacy: Librarians, Data and the Education of a New Generation of Researchers* published in 2015 by the Purdue University Press.

Speaker Biographies

Margaret Henderson

Director, Research Data Management

Virginia Commonwealth University

Margaret Henderson has been Director, Research Data Management, and Associate Professor at VCU Libraries since the fall of 2013. She works with partners around the university to spread the word about data policies and teaches and consults on data management best practices. Margaret is a Distinguished Member of the Academy of Health Information Professionals and has worked in many types of libraries since receiving her degree from the University of Western Ontario SLIS in 1986. Prior to moving to Virginia, she was the Director of Libraries and Archives at the Cold Spring Harbor Laboratory in New York. She is currently working on a book about data management for librarians that will come out later this year.

Hillary Miller

Scholarly Communications Outreach Librarian

Virginia Commonwealth University

Hillary Miller is the Scholarly Communications Outreach Librarian at VCU Libraries where she provides guidance, delivers instruction, and creates educational materials relating to the creation, use, and dissemination of scholarly works. She received her Masters of Science in Library Science at The University of North Carolina at Chapel Hill, where she worked in the library's electronic resources management department. Her research areas include the evolving digital contexts for scholarship, research, and creative expression; management of risk and uncertainty in copyright decision-making; and the economic, legal, and social issues surrounding the use of information.

Leah Honor

Library Fellow

Informationist Liaison, Child and Adolescent Neurodevelopment Initiative

University of Massachusetts Medical School

Leah Honor, BS, MLIS, is in her second year as a Library Fellow at the Lamar Soutter Library at the University of Massachusetts Medical School, and pursuing research collaboration opportunities as an Informationist liaison. Leah is currently the Informationist Liaison in a project to develop best practices for data citation and reuse with the Child and Adolescent NeuroDevelopment Initiative. Leah earned her MSLIS from Pratt Institute School of Information and Library Science, and a BS in Biology and Neuroscience from Brandeis University.

Speaker Biographies

Lisa Johnston

Research Data Management/Curation Lead

Co-Director of the University Digital Conservancy

University of Minnesota

Lisa R. Johnston is an Associate Librarian at the University of Minnesota. She leads the Libraries' research data management and curation initiative and serves as the co-Director the University Digital Conservancy, the University of Minnesota's institutional repository. In 2014 Johnston led the team that developed and launched the Data Repository for the University of Minnesota (DRUM, <http://z.umn.edu/drum>) and oversees a team of five data curation specialists to curate all data accepted into the repository. Johnston has presented nationally and published books and articles on topics of delivering academic library services for research data management, most recently the books *Curating Research Data: Practical Strategies for Your Digital Repository* (forthcoming 2016 by ACRL), and *Data Information Literacy: Librarians, Data, and the Education of a New Generation of Researchers* (Purdue University Press, eds. Carlson & Johnston 2015). Johnston holds a Masters of Library Science and Bachelors of Science in Astrophysics, both from Indiana University and was certified by the Society of American Archivists as a Digital Curation Specialist.

Panel 1: Educators

Matthew Burton

Visiting Assistant Professor & Post-Doctoral Researcher

School of Information Sciences

University of Pittsburgh

Matthew Burton is a Visiting Assistant Professor and Post-Doctoral Researcher at the University of Pittsburgh School of Information Sciences and University Library System. His research, teaching, and service focus on digital scholarship, specifically around data-intensive research in the humanities and social sciences. Currently, he is studying the digital humanities and new modalities of scholarly communication. Specifically, he is examining the infrastructural dynamics of scholarly blogs using quantitative (text mining and qualitative (grounded theory) techniques to construct and analyze an archive of digital humanist blogs. Matthew has an interdisciplinary degree in Bioinformatics from Wesleyan University and a PhD from the University of Michigan.

Speaker Biographies

Jian Qin

Professor, School of Information Studies

Syracuse University

Jian Qin is Professor at the School of Information Studies, Syracuse University. The areas of her research include metadata, knowledge modeling and organization, research data management, and scientific communication. She has published widely in library and information science journals and given presentations at numerous national and international conferences and workshops. Her research has been funded by the National Science Foundation (NSF), Institute for Museum and Library Services (IMLS), OCLC Online Library Computer Center, and Institute for Scientific Information (ISI). Her ongoing projects include a large scale of data mining in the GenBank data repository and creating a metadata model for gravitational wave research data management, both are funded by NSF. She teaches courses in information organization, metadata, and digital curation. She is currently a co-leader for the DCMI Community for Science & Metadata (DC-SAM) and serves as a member on the editorial board for two international journals. Dr. Qin holds a PhD degree from the University of Illinois at Urbana-Champaign and an MLIS from the University of Western Ontario.

Rong Tang

Director, Simmons Usability Lab

Associate Professor, School of Library and Information Science

Simmons College

Rong Tang is an Associate Professor at the Graduate School of Library and Information Science, Simmons College. She has taught evaluation of information services, library automation systems, digital information services and providers, research methods and design, theories of information science, and usability and user experience research. Her research areas span from user needs assessments, citation behavior, collaborative information interaction, eye-tracking and cognitive styles, MOOCs in Asia, to data science programs description and curriculum analysis. Rong is the founding and current Director of Simmons Usability Lab. She is a recipient of 2008 OCLC/ALISE Research Grant Award, and a 2010 contractual award from Harvard University Center for Biomedical Informatics. She also received a series of technology grants from EBSCO and HW Wilson from 2011 to 2012. She served as a consultant for Harvard University Library Usability Project in Fall 2014. Rong has co-authored a research paper entitled "Data Science Programs in U.S. Higher Education: An Exploratory Content Analysis of Program Description, Curriculum Structure, and Course Focus." It will appear in the journal *Education for Information*.

Speaker Biographies

Panel 2: Practitioners

Chris Erdmann

Head Librarian

Harvard Smithsonian Center for Astrophysics

Christopher Erdmann is an author, developer and experimenter in the areas of digital libraries, social networking, library UX, interactive technologies, bibliometrics and data services in libraries. Previously, he was the librarian for the European Southern Observatory (ESO) in Garching near Munich where his focus was on bibliometrics. He has also worked for organizations such as the Supreme Court of the US, United Nations, University of Washington, Smithsonian (NMAH) and CNET. He holds an MLIS degree from the University of Washington iSchool.

Margaret Henderson

Director, Research Data Management

Virginia Commonwealth University

Margaret Henderson has been Director, Research Data Management, and Associate Professor at VCU Libraries since the fall of 2013. She works with partners around the university to spread the word about data policies and teaches and consults on data management best practices. Margaret is a Distinguished Member of the Academy of Health Information Professionals and has worked in many types of libraries since receiving her degree from the University of Western Ontario SLIS in 1986. Prior to moving to Virginia, Margaret was the Director of Libraries and Archives at the Cold Spring Harbor Laboratory in New York. She is currently working on a book about data management for librarians that will come out later this year.

Andrea Thomer

Doctoral Student, Graduate School of Library and Information Science

University of Illinois at Urbana-Champaign

Andrea is a current Doctoral Student at the University of Illinois at Urbana-Champaign. Her research in information science is hugely influenced by her prior work as an excavator of ice age fossils at the Page Museum at the La Brea Tar Pits. She's interested in biodiversity and natural history museum informatics; long-term data and database curation, particularly in a research or museum setting; and bridging gaps between biology, geology, and informatics.

Speaker Biographies

Elaine Martin, MSLS, DA

Director, Library Services, Lamar Soutter Library

Director, National Network of Libraries of Medicine, New England Region

University of Massachusetts Medical School

Elaine Russo Martin, MSLS, DA is director of the Lamar Soutter Library of the University of Massachusetts Medical School. The library serves under contract by the National Library of Medicine as the Regional Medical Library for the six New England States and Dr. Martin also serves as the director of that program. Before joining UMass, Dr. Martin was director of the health sciences library at the University of Illinois at Chicago and served in various other professional positions in medical school libraries in Virginia, Washington, D.C. and Washington state. Dr. Martin received her MSLS from the Catholic University of America, Washington, DC. and her doctorate in library science administration from Simmons College, Boston, MA. Her dissertation is entitled *Team Effectiveness in Academic Medical Libraries: A Multiple Case Study*. Her most recent research interests include using qualitative research methods to study the information needs of public health workers and the study of teamwork and leadership as they apply to academic medical libraries. Dr. Martin is the PI for the NN/LM NER sponsored New England Collaborative Research Data Management Curriculum project and she is teaching a course on Scientific Data Management at Simmons College Graduate School of Library and Information Science. Dr. Martin serves as PI of the National Network of Libraries of Medicine New England Region e-Science Portal Project, funded by the National Library of Medicine.

Julie Goldman, MLIS

eScience Coordinator

National Network of Libraries of Medicine, New England Region

University of Massachusetts Medical School

Julie is the eScience Coordinator for the National Network of Libraries of Medicine, New England Region. Julie started at the University of Massachusetts Medical School as a Library Fellow in the Lamar Soutter Library in 2015. She is actively working on resources and events for e-science librarians, including the annual New England Librarian e-Science Symposia and the New England Collaborative Data Management Curriculum. Julie works closely with Elaine Martin on developing a MOOC on best practices for biomedical research data management. Julie is the Managing Editor for the *Journal of eScience Librarianship* and Content Editor for the e-Science Portal for New England Librarians. She also serves on the teaching staff for "Scientific Research Data Management," a course in the LIS curriculum at Simmons College in Boston. Julie earned her MLIS from Simmons College and a BS in Marine Biology from UNH.

Additional Resources

Boston Library Consortium

<http://www.blc.org>

eScience Portal for New England Librarians

<http://esciencelibrary.umassmed.edu>

Journal of eScience Librarianship

<http://escholarship.umassmed.edu/jeslib/>

New England Region YouTube Channel

<https://www.youtube.com/channel/UCmwetQc2pcwAwJYPDPucJlg>

Lamar Soutter Library

<http://library.umassmed.edu>

National Network of Libraries of Medicine, New England Region

<http://nnlm.gov/ner/>

University of Massachusetts and New England Area Librarian e-Science Initiatives

http://library.umassmed.edu/escience_initiatives

University of Massachusetts and New England Area Librarian e-Science Symposium

http://escholarship.umassmed.edu/escience_symposium

University of Massachusetts Medical School

<http://www.umassmed.edu>

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Notes
