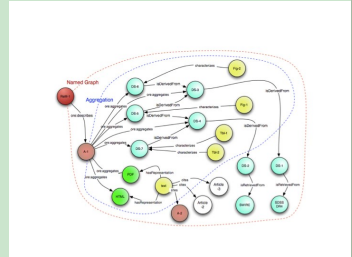


# The Seventh Annual University of Massachusetts and New England Area Librarian e-Science Symposium



Thursday, April 9, 2015

University of Massachusetts Medical School

Worcester, Massachusetts



**Lamar Soutter Library**

*A Legacy of Service and Learning*

Co-Sponsored by

- Lamar Soutter Library, University of Massachusetts Medical School
- National Network of Libraries of Medicine New England Region
- Boston Library Consortium



# Event Schedule

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**8:30-9:00**

**Registration and Continental Breakfast**

*Faculty Conference Room*

**9:00-9:15**

**Welcome**

*Faculty Conference Room*

**9:15-10:00**

**Morning Presentation 1**

*Faculty Conference Room*

*Philip Bourne, PhD*  
National Institutes of Health

**10:00-10:45**

**Morning Presentation 2**

*Faculty Conference Room*

*Anne Maglia, PhD*  
National Science Foundation

**10:45-11:15**

**Break**

**11:15-12:00**

**Caroline Kuo, DPhil, MPhil**

*Faculty Conference Room*

Brown University

**12:00-1:30**

**Lunch & Poster Session**

*Medical School Lobby*

**1:30-3:00**

**Data Repository Presentations**

*Faculty Conference Room*

*David Fearon, PhD*  
Johns Hopkins University  
*Michael Witt, MLS*  
Purdue University

**3:00-3:30**

**Open Discussion & Wrap Up**

*Faculty Conference Room*

## Event Information

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This symposium will encourage New England region libraries' collaboration with, and support for, e-science initiatives at their research institutions. The day will be an educational and collaborative opportunity to discuss e-science resources, in addition to future roles that libraries and librarians might take on to support their institutions.

- **Morning Presentations**

The morning presentations will be delivered by Philip Bourne, PhD, and Anne Maglia, PhD, of the National Institutes of Health and the National Science Foundation. They will be speaking on funding agenda mandates regarding open data.

- **Noontime Presentation**

This presentation will be by Caroline Kuo, PhD, of Brown University. She will discuss data management challenges encountered in her experiences as a researcher.

- **Poster Session**

The poster session will feature fifteen posters relevant to the librarians' emerging role in managing new forms of information. This session will be an opportunity for symposium participants to interact with each other and poster presenters.

- **Data Repository Presentations**

The afternoon will feature two presentations, one by David Fearon, PhD of Johns Hopkins University and one by Michael Witt, MLS of Purdue University. They will each speak about the data archives that are in place at each of their institutions.

## Speaker Biographies

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### **Philip Bourne, PhD**

*Associate Director for Data Science  
National Institutes of Health*

Dr. Bourne is the Associate Director for Data Science at the NIH. He was previously at the University of California San Diego, as the Associate Vice Chancellor for Innovation and Industry Alliances of the Office of Research Affairs and a Professor in the Department of Pharmacology and the Skaggs School of Pharmacy and Pharmaceutical Sciences. He also was the Associate Director of the Research Collaboratory for Structural Bioinformatics (RCSB) Protein Data Bank. Dr. Bourne was trained as a physical chemist and obtained his Ph.D. from The Flinders University in South Australia.

### **David Fearon, PhD**

*Data Management Consultant, JHU Data Management Services  
The Sheridan Libraries  
Johns Hopkins University*

David Fearon is a Data Management Consultant with JHU Data Management Services, a department of the Johns Hopkins University Sheridan Libraries. Since 2011, JHU DMS has worked with researchers from across JHU offering consulting and training on a range of data management topics. JHU DMS also operates the JHU Data Archive for preserving and sharing research data. David and the other DMS consultants work with researchers to facilitate preparation and deposit of datasets. David received his MLIS degree from the University of California, Los Angeles, specializing in research data curation. As part of the Data Conservancy project at UCLA, David studied data management practices of astronomers and environmental scientists. He also has a PhD. in Sociology from U.C. Santa Barbara, specializing in sociolinguistics and organizations, and has worked as an organizational consultant, database developer, and graduate school administrator.

## Speaker Biographies

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### **Caroline Kuo, DPhil, MPhil**

*Assistant Professor*

*School of Public Health, Behavioral and Social Sciences*

*Brown University*

Dr. Kuo is a behavioral and social scientist whose global public health research has focused on addressing HIV risk, psychological distress, and alcohol and substance use among children orphaned and made vulnerable by HIV and AIDS and their caregivers; and individuals who are at high risk for contracting AIDS through sex. She has conducted community-based epidemiological studies, mixed methods studies, and intervention development and testing in South Africa, Kenya, Mexico, and the USA. Her main research interests are in the effects of HIV and AIDS on family networks, particularly on the intergenerational dynamics associated with HIV infection within families. Her current research focuses on developing resilience focused interventions to address disparities in mental health and HIV risk among families in generalized endemic settings; the development of biobehavioral approaches to prevent adolescent HIV infection; and testing of novel new approaches to reach and engage young people in HIV testing, treatment, and care. Her expertise in international development informs her research, the majority of which takes place in resource constrained settings. She is committed to conducting community-engaged and policy relevant research, and developing evidence-based interventions that are culturally appropriate and scalable. She is interested in developing new applications for software and leveraging technology to improve the rigor of science generated in challenging fieldwork settings.

Dr. Kuo has published on the psychological outcomes of HIV infected and affected families, the linkages between interpersonal violence and HIV risk, adaptation of evidence-based interventions, pre-exposure prophylaxis for HIV prevention, and conditional economic incentives for HIV prevention. She has previously served on the scientific committee for the AIDS Impact Conference and is involved in an international institutional partnership focused on training the next generation of HIV social scientists in South Africa. She currently holds

## Speaker Biographies

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appointments as Assistant Professor at Brown University's School of Public Health and Honorary Lecturer at University of Cape Town's Department of Psychiatry and Mental Health.

### **Anne Maglia, PhD**

*Program Director*

*Biological Sciences Directorate*

*National Science Foundation*

Anne Maglia is a Program Director in the Division of Biological Infrastructure in the Directorate of Biological Sciences at the National Science Foundation (NSF). Maglia joined NSF in 2010 from Missouri University of Science and Technology where she had been an Associate Professor. Her current programmatic responsibilities include managing the Advances in Biological Informatics program and the Integrated Digitized Biocollections (iDigBio) resource, and she serves on the iPlant management team and as NSF's Animal Welfare Officer. Maglia's research experience ranges broadly in the areas of anatomy and development and in the application of computational methodologies (e.g., information retrieval, ontology development, machine learning) to biological questions. She continues to maintain an active research program through a courtesy appointment at Framingham State University. She has served on a number of advisory boards and has held leadership positions in several scientific societies. She received her PhD in Ecology and Evolutionary Biology from the University of Kansas, is a certified Project Management Professional, and recently completed a Masters' Certificate in Project Management at the George Washington University School of Business.

### **Elaine Martin, MSLS, DA**

*Director of Library Services*

*Lamar Soutter Library*

*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

## Speaker Biographies

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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.

### **Michael Witt, MLS**

*Associate Professor of Library Science  
Head, Distributed Data Curation Center  
Purdue University*

Michael Witt is the head of the Distributed Data Curation Center (D2C2) and an Associate Professor of Library Science at Purdue University. He is also the Project Director for the Purdue University Research Repository and Editor-in-Chief of Databib. Witt serves on the Organizational Advisory Board of the Research Data Alliance, the editorial board of Information Technology and Libraries, and the DMP-Tool Steering Committee. Sponsors for his research include the Institute for Museum and Library Services, the Binational Fulbright Commission in Egypt, Microsoft Research, and the Alfred P. Sloan Foundation. For more information, <http://www.lib.purdue.edu/research/witt>.

# Additional Resources

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## **Boston Library Consortium**

([www.blc.org](http://www.blc.org))

## **eScience Portal for New England Librarians**

(<http://esciencelibrary.umassmed.edu>)

## **Journal of eScience Librarianship**

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

## **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](http://library.umassmed.edu/escience_initiatives))

## **University of Massachusetts and New England Area Librarian E-Science Symposium Website**

([http://escholarship.umassmed.edu/escience\\_symposium](http://escholarship.umassmed.edu/escience_symposium))

## **University of Massachusetts Medical School**

(<http://www.umassmed.edu>)