Harvard Purdue Data Management Workshop Schedule

CGIS South Building, Tsai Auditorium, 1730 Cambridge Street

Thursday, June 18

8:30 - 9:00 a.m.  
Light breakfast

9:00 - 9:45 a.m.  
Overview of Data Management—Understanding the Landscape. We start by reviewing issues and themes from the symposium and look at the local context for engaging in data management. We will look at the various external forces being placed on research data (funder policies, publisher activities, open data movement). We will look at building partnerships across campus. We will discuss building relationships and an elevator pitch for talking to researchers about data management with researchers.

Sarah Thomas, Vice President for the Harvard Library and Roy E. Larsen Librarian for the Faculty of Arts and Sciences, Harvard University (welcome, research data management as a Harvard Library goal)

James L. Mullins, Dean of Libraries and Esther Ellis Norton Professor, Purdue University (remarks)

Paul Bracke, Associate Dean for Research and Assessment and Associate Professor, Purdue University (reflections from the symposium, review of external forces)

Sarah Demb, Senior Records Manager/Archivist, Harvard University Archives (local context)

9:45 - 10:45 a.m.  
Interconnecting Life Cycles—Research, Data Management, and Curation. Next, we will look at life cycle models to discuss a practical approach to identifying opportunities for services and related activities. While a research project is often thought of as linear—progressing from start to end—the concept of a cycle is useful to see research in the bigger picture, where data from a project can be discovered, accessed and used by others. We will examine life cycles to see where certain activities may be useful, and how this relates to new roles in libraries.

Line Pouchard, Assistant Professor, Data Specialist, Research and Assessment, Research Data, Purdue University (overview of lifecycles -- research, data, and curation -- and roles around them)

Amy Barton, Assistant Professor, Data Specialist, Research Data, Purdue University (a model for collaboration)

Chris Erdmann, Head Librarian, Wolbach Library, Harvard University (Rewarding the Tool Builders)

Scott Brandt, Professor of Library Science, Purdue University (building relationships and crafting messages)

10:45 - 11:00 a.m.  
Break
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11:00 a.m.- 12:00 p.m. **Institutional Repositories—Archiving Data.** First, we will discuss the ecosystem of different kinds of data repositories and using a tool to find and explore them. Next, we will work through a list of key data repository components, drilling down into examples from Harvard’s and Purdue’s repositories to explore in greater detail to show how services can be implemented. Then we will discuss application of these components in the local context.

**Merce Crosas**, Director of Data Science at the Institute for Quantitative Social Science (IQSS), Harvard University (Dataverse)

**Michael Witt**, Associate Professor of Library Science and Head, Distributed Data Curation Center (D2C2), Purdue University (Purdue University Research Repository (PURR))

12:00 - 1:30 p.m. **Lunch**

1:30 - 2:30 p.m. **Research Data Management & Curation.** Having set the stage by looking at concepts and context, we will be ready to take a deep dive into research data management and curation. We will start by looking at Data Management Plans (DMPs) and data management planning, an entry level service in which many libraries engage. Then we will look at moving from planning data management to implementing it—incorporating key activities into research workflow. We will wrap up by looking various aspects of data curation, from needs for describing data to where it goes.

**Marianne Stowell Bracke**, Associate Professor, Health and Life Sciences, Purdue University (overview of data management plans, examples)

**Scott Brandt**, Professor of Library Science, Purdue University (supporting data management plans)

**Nastasha Johnson**, Assistant Professor, Physical Sciences, Engineering, Technology, Purdue University (approaches in science and engineering)

**Jud Harward**, Director of Research Computing for the Arts and Humanities, Harvard University (approaches in the humanities)

**Alex Caracuzzo**, Collections and Data Management Librarian, and **Rachel Wise**, Archivist, Harvard Business School (approaches in business)

2:30 - 2:45 p.m. **Break**
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2:45 - 4:00 p.m.  

A Dozen Things Librarians & Archivists Are Already Doing that Relate to Data Management. From reference to instruction, to collection management, there are many activities that librarians and archivists engage in which transfer easily to data management and curation. We will explore ten (if not more) ways that librarians and archivists can leverage their knowledge and experience to interacting with researchers about their research and data.

Marianne Stowell Bracke, Associate Professor, Health and Life Sciences, Purdue University (introduction, reference)

Nastasha Johnson, Assistant Professor, Physical Sciences, Engineering, Technology, Purdue University (instruction)

Line Pouchard, Assistant Professor, Data Specialist, Research and Assessment, Research Data, Purdue University (consultation and interventions)

Sarah Demb, Senior Records Manager/Archivist, Harvard University Archives (archives)

Amy Barton, Assistant Professor, Data Specialist, Research Data, Purdue University (description and metadata)

Diane Sredl, Data Reference Librarian, Lamont Library, Harvard University (purchasing data)

4:00 - 4:30 p.m.

Wrap-up

Connie Rinaldo, Librarian of the Ernst Mayr Library of the Museum of Comparative Zoology, Harvard University (next steps for Harvard)