Data Working Group
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Contents
Completed Tasks .................................................................................................................................................. 3
  Workshops for Graduate Students and Faculty ............................................................................................ 3
  Open Access Week Panel ............................................................................................................................. 3
  Vision Statement .......................................................................................................................................... 3
  DMP Consultations ...................................................................................................................................... 3
  Communication ............................................................................................................................................ 4
Current Efforts .................................................................................................................................................. 5
  Workshops and Events ................................................................................................................................. 5
  EZID Pilot Project ........................................................................................................................................ 5
Future Projects ................................................................................................................................................ 5
  Evaluation of infrastructure for management and curation of data sets ....................................................... 5
  Recommendation of cross-campus committee for data ............................................................................. 5
Acknowledgements ......................................................................................................................................... 5
This report summarizes the activities of the Data Working Group from the summer of 2011 to summer 2012.

The Data Working Group welcomed the Digital Repository Resident, a Science Librarian, and the University Archivist, bringing our membership count to eight. Two group members have taken or are taking sabbaticals during this report period; one group member begins a sabbatical in the summer of 2012.

**Completed Tasks**

**Workshops for Graduate Students and Faculty**

The Data Working Group conducted four workshops for graduate students on Data Management Basics and one workshop for faculty on preparing Competitive Data Management Plans.

<table>
<thead>
<tr>
<th>Workshop</th>
<th>Date</th>
<th>Attendees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Management Basics (general)</td>
<td>September 28, 2011</td>
<td>23</td>
</tr>
<tr>
<td>Preparing Competitive Data Management Plans</td>
<td>November 29, 2011</td>
<td>(13)</td>
</tr>
<tr>
<td>Data Management Basics (science and engineering)</td>
<td>December 1, 2011</td>
<td>27</td>
</tr>
<tr>
<td>Data Management Basics (humanities and social science)</td>
<td>December 1, 2011</td>
<td>10</td>
</tr>
<tr>
<td>Data Management Basics (general)</td>
<td>March 27, 2012</td>
<td>42</td>
</tr>
</tbody>
</table>

**Open Access Week Panel**

The Data Working Group organized a campus-wide event, Challenges and Opportunities for Data Sharing. This event was one of seven events held during Open Access Week 2011. The panel included an UMass Amherst Faculty member from Veterinary and Animal Sciences, an UMass graduate student from Sociology, and the Associate Director for Research of the Institution for Social and Policy Studies at Yale University. Panelists discussed the challenges and opportunities that come with sharing research data in an effort to understand the impacts of data management requirements from agencies like the NSF and the NEH.

**Vision Statement**

The Data Working Group prepared a Vision Statement for Digital Strategies Group that outlining three service levels—education, consultation, and infrastructure—proposed service objectives with each level, and the estimated resources required in order to achieve those objectives. That Vision Statement was incorporated in the Digital Strategies Group Strategic Plan for 2012-2015.

**DMP Consultations**

We have consulted with the following faculty on data management plans:

- David Ford, Chemical Engineering
- Frank Sup, Mechanical and Industrial Engineering
- Neal Anderson, Electrical and Computer Engineering
• Eric Poehler, Classics
• Erin Baker, Mechanical and Industrial Engineering
• Mike Zink and Janice Brickley (CASA), via Mary Fechner
• Mike Wright and Ken Carter (IGERT)
• Sarah Reedy, Anthropology (graduate student)
• Rebecca Spencer, Psychology
• Chul Park, Civil and Environmental Engineering
• Mi-Hyun Park, Civil and Environmental Engineering
• Lori Goldner, Physics
• Katherine McDermott, Education and Public Policy

Communication
The Data Working Group engaged in several on campus and external communications activities on the topic of data management.

• LITA Annual Forum 2011 (poster presentation)
• Research Data Access and Preservation Summit 2012, (poster presentation)
• Computers in Libraries 2012, (track presentation)
• 4th Annual University of Massachusetts and New England Region e-Science Symposium (panel presentation)
• Five College All Staff with Digital Strategies, May 2012 (lightning talk)
• UMass Amherst Libraries All Staff with Digital Strategies, June 2012 (presentation)
• Science and Engineering Library Display Poster
• IFLA World Library and Information Conference 2012 (poster presentation)
• Submitted “Forging New Service Paths: Institutional Approaches to Providing Research Data Management Services” to Journal of E-Science Librarianship
• Submitted “Challenges of Data Management Training for Graduate Students at a Large Research University” to Journal of E-Science Librarianship

In addition, the Data Working Group met several times with the Office of Research Development and began collaborating with that group to expand our reach for workshops and data management plan consultations. Over the last year we have also met with the Digital Humanities Initiative and with the Libraries’ Reference and Liaison Services group.
Current Efforts

Workshops and Events
Currently, the Data Working Group is planning a series of workshops for Fall 2012 that are targeted to graduate students and faculty members in the Humanities. One event will be a focused workshop on data management basics for graduate students; the other event will be an Open Access Week panel to discuss the impact of the trend toward research data management on the humanities. Additional events may include any workshops on data management plan preparation for faculty that would be organized in conjunction with the Office of Research Development.

EZID Pilot Project
The Data Working Group proposal for an EZID Pilot Project was approved by DSG and SMG. The purpose of the EZID Pilot Project is to determine the demand for persistent identifiers for data sets on campus. The objectives include acquiring DOIs through EZID and establishing the workflow for assigning DOIs to faculty and graduate student data sets upon request. Current work involved establishing workflow and organizing outreach and educational materials, including a list of disciplinary data repositories.

Future Projects

Evaluation of infrastructure for management and curation of data sets
In the coming year we plan to begin the evaluation of different platforms or services that are available for data management, specifically Dataverse and DuraCloud.

Recommendation of cross-campus committee for data
Several times in our discussions over the last year the idea for an intra-institutional body to discuss and drive activities around data management has come up. In the coming year we will push this idea forward.

Acknowledgements
The activities of this group would not be possible without the commitment of the following individuals: Jessica Adamick, MJ Canavan, Naka Ishii, Steve McGinty, Aaron Rubinstein, Maxine Schmidt, and Matt Sheridan.