

# US Perspectives on Data Management Planning

Recent Activities  
of  
Funders and Library Support Organizations

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# US Funding Agencies

- Big Drivers
  - National Science Foundation
  - National Institutes of Health
- Other Funders that Require DMP's
  - US Dept of Energy
  - Office of Naval Research
  - US Dept. of Education
  - US Environmental Protection Agency
  - Agency of International Development
  - National Oceanographic and atmospheric research
  - American Heart Association
  - Alfred P. Sloan Foundation
  - Institute of Museum and Library Services
  - National Endowment of Humanities – office of digital humanities

# NSF

- Began requiring DMP as of January 18, 2011
- Initially, high level of guidance and requirements, now 2 years later many of the individual directorates offer guidance and requirements specific to their programs, and sometimes, to specific solicitations
- NSF now allows and encourages citing products, such as data sets in biosketch.
  - Products must be citable and accessible
  - CLD Blog post with more details: - <http://datapub.cdlib.org/?p=1343>

# Many Funders – Many requirements

- Great article - examines 22 Data Management requirements from 10 common STM funders

“De-mystifying the data management requirements of research funders”

*Issues in Science & Technology Librarianship*,  
Summer 2012, Dietrich, Adamus, Miner, &  
Steinhart

<http://www.istl.org/12-summer/refereed1.html>

DOI:10.5062/F44M92G2

# White House Policy

- Office of Science & Technology Policy
  - DataJams – value of open government data
    - <http://www.whitehouse.gov/blog/2013/01/03/datajam-innovators-and-entrepreneurs-unleash-open-data-global-development>
  - Will soon require that data created by government not only be open, but MACHINE READABLE
    - <http://www.federalnewsradio.com/239/3182982/OMB-OSTP-finalizing-policy-to-mandate-data-be-open-computer-readable->

# Library Organizations

- Encouraging Collaboration
- Providing opportunities to create a shared awareness of the complexity of issues
- Creating a DMP should not be a “check-box” administrative process – opportunity to think strategically about the library and the role it plays in a data driven research environment.
  - Association of Research Libraries (ARL)
  - Council on Library and Information Resources (CLIR)
  - ASERL (Association of Southeastern Research Libraries)

# ARL/DLF Escience Institute

- **Goal: to create a strategic agenda that would inform data management policy and services**
  - Early Investing 70 insitutions put in \$ to develop institute
  - First webinars offered in July 2011
  - interactive modules took small teams of individuals from academic institutions through a dynamic learning process to strengthen and advance their strategy for supporting digitally dependent research.
  - **Goal: to create a strategic agenda that would inform data management policy and services**
  - <http://www.arl.org/rtl/eresearch/escien/escieninstitute/index.shtml>
  - Institute experience being offered in partnership with Duraspce
    - additional 22 insitutions have participated <http://duraspace.org/e-science-institute>

# ASERL/SURA

- Developing model language for their member universities to consider when drafting policy to support data management practices and infrastructure at their institutions
- Draft available here:  
[http://www.aserl.org/wp-content/uploads/2012/11/Model Language RDM Policies-FINAL FOR ASERL REVIEW.pdf](http://www.aserl.org/wp-content/uploads/2012/11/Model_Language_RDM_Policies-FINAL_FOR_ASERL_REVIEW.pdf)



# Digital Preservation Network

- [www.dpn.org](http://www.dpn.org)
- Network of over 50 Academic Institutions
- Distributed networked approach
- Long-term preservation solution shared collectively across the academy

# CLIR: Digital Library Federation

- Data Curation Post Doctoral Program

Creating a professional career path for data specialists aligned with the discipline but grounded with data curation community.

- Science and Social Sciences

- Funded by Alfred P. Sloan

<http://www.clir.org/fellowships/postdoc/applicants/dc-science>

- Medieval Studies

- Funded by Mellon Foundation

- <http://www.clir.org/fellowships/postdoc/applicants/dc-medieval>

# Challenges

- Resisting the urge to “do the process”
- Take the time have the hard conversation about priorities and strategy and how the library fits in.
- Avoid trying to provide comprehensive solutions locally – take advantage of “The Network”
- Data provides a transformative moment for libraries – let’s not waste it!