Addressing NIH Data Sharing Policies

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What are data sharing policies?

• May require grantees to make data arising from federal funding publically available

• Usually require submission with the grant proposal of a plan for how data will be shared, managed, and/or preserved
NIH Data Sharing Policies

- NIH Data Sharing Policy
- NIH Grants Policy Statement (2.3.11.2.3 Access to Research Data)
- For full list of NIH policies, see [http://grants.nih.gov/grants/sharing.htm](http://grants.nih.gov/grants/sharing.htm)
Sharing Policy Applicability

• applicants seeking >$500,000 in annual direct costs
• applications submitted after October 1, 2003
• final research data for research purposes
• all types of research data (clinical/basic science), especially unique data
But change may be coming...

- Feb 22, 2013 OSTP policy memo
  [http://www.whitehouse.gov/administration/eop/ostp/library/publicaccesspolicy](http://www.whitehouse.gov/administration/eop/ostp/library/publicaccesspolicy)

- “To the extent feasible...digitally formatted scientific data resulting from unclassified research supported wholly or in part by Federal funding should be stored and publicly accessible to search, retrieve, and analyze.”

- 6 month deadline for agencies to define a policy
Components of the NIH Application

• Data Sharing Plan (or explanation of why data sharing is not possible)
• Budget/Budget Justification
• Background and Significance Section
• Human Subjects Section

From Flickr– Username: Raphael Moser
Data Sharing Plan

• schedule for sharing
• data formats
• documentation and/or analytic tools provided with datasets
• data-sharing agreement
• mode of data sharing

From Wikimedia Commons – German Federal Archives
Schedule for Sharing

- “timely fashion”
- release no later than acceptance for publication of main findings
- for epidemiological or longitudinal studies, release data in “waves” as available

From Flickr– Username: Kate Tomlinson
Special Considerations: Withholding Proprietary Data

- Small Business Innovation Research (SBIR) grantees = up to 4 years
- Private sector co-funding = 30-60 days

From Flickr– Username: m thierry
Data-sharing Agreements

- outline requirements for ensuring privacy and confidentiality
- stipulate provisions for how shared data may be used
- may include penalties for violating agreement

From Wikimedia– Username: Lucas
Modes for Data Sharing

under the auspices of the PI

in a data archive

in a data enclave
Budget and Budget Justification

• include request for funds for sharing/archiving
• need assistance on estimating costs for data preparation and archiving? Ask a librarian!
Human Subjects Section: Addressing Privacy

- strip identifiers from data
- indirect identifiers and “deductive disclosure”
- restricted data enclaves
- data-sharing agreements
DMPTool: http://dmp.cdlib.org

Create ready-to-use data management plans for specific funding agencies.

Recent DMP News

- DMPTool2 Project — August 2013 Report
- Report on DMPTool at ESA 2013
- Digest: Upcoming DMPTool Activities

The DMP Tool allows you to:

1. Create data management plans
2. Identify data management requirements
3. Plan for data storage and sharing
4. Document the data management plan

Photo courtesy of Argonne National Laboratory
Additional Resources

- Example data sharing agreements from NCI: [https://wiki.nci.nih.gov/display/DSIC/Data+Sharing+Agreements](https://wiki.nci.nih.gov/display/DSIC/Data+Sharing+Agreements)
- Sample plan from NIH (Word doc): [http://grants.nih.gov/grants/sharing_example_data_sharing_plan.doc](http://grants.nih.gov/grants/sharing_example_data_sharing_plan.doc)
Getting Additional Help

• Biomedical Library Reference: biomed-ref@library.ucla.edu

• Library guide to NIH Sharing Policy (including video of full data sharing workshop): http://guides.library.ucla.edu/datasharing

• Library guide to NIH Public Access Policy: http://guides.library.ucla.edu/nih
Questions?

http://www.library.ucla.edu/biomed