**HOW TO WRITE A DATA MANAGEMENT PLAN FOR YOUR NSF PROPOSAL:**

Produced for the UW College of Arts and Sciences by Sarah L. Keller.

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**Overview:**

All NSF proposals must include a supplementary document labeled “data management plan” uploaded into Fastlane. It is 2 pages or less and describes how you will disseminate your data externally in the long term. The idea is that you will publish promptly, share your data, and share your software and inventions (although you can retain Intellectual Property).

**What Other Funding Agencies Require Data Management Plans?**

• See here: http://researchguides.library.tufts.edu/content.php?pid=167647&sid=1412586

**Links:**

• NSF’s requirements for the Plan: *www.nsf.gov/pubs/policydocs/pappguide/nsf11001/gpg\_2.jsp#dmp*

• NSF’s FAQ’s about Data Management Plans: *www.nsf.gov/bfa/dias/policy/dmpfaqs.jsp*

• NSF’s recommendations about how you should format your Data Management Plans if you are submitting to BIO (Biological Sciences), CISE (Computer & Information Sciences and Eng), HER (Education & Human Resources Directorate), ENG (Engineering), GEO (Geosciences), MPS (Mathematical & Physical Sciences), or SBE (Social, Behavioral and Economic Sciences): *www.nsf.gov/bfa/dias/policy/dmp.jsp*

• Online tool through UW libraries to generate a Data Management Plan: *http://guides.lib.washington.edu/content.php?pid=259952&sid=2660743*

• Data storage and archiving available through the UW eScience Institute: *http://escience.washington.edu/blog/writing-nsf-data-management-plan*

• Hints about how to write a Data Management Plan from the eScience Institute: *https://sig.washington.edu/itsigs/Data\_Management\_Plan*

**What to address:**

1. Types of data, samples, physical collections, software, curriculum materials, and other materials to be produced in the course of the project;
2. Standards to be used for data and metadata format and content (where existing standards are absent or deemed inadequate, this should be documented along with any proposed solutions or remedies);
3. Policies for access and sharing including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements;
4. Policies and provisions for re-use, re-distribution, and the production of derivatives; and
5. Plans for archiving data, samples, and other research products, and for preservation of access to them.

**Sample text that you can copy and paste:**

• See files posted along with this document at www.artsci.washington.edu/research

• Sample text for biology (e.g. x-ray structures, sequence data, and flow cytometry) and oceanography (e.g. geospatial data) from the eScience institute: https://sig.washington.edu/itsigs/Data\_Management\_Plan

• Fantastic compilation of Data Management Plans from UCSD: http://rci.ucsd.edu/dmp/examples.html

• Another fantastic compilation by U Michigan: http://www.lib.umich.edu/research-data-management-and-publishing-support/nsf-data-management-plans#examples\_proposals