NATIONAL SCIENCE FOUNDATION – DATA MANAGEMENT PLAN

Suggested proposal language for NSF's Data Management Plan, which is required in the form of a two-page supplementary document for all proposals submitted, or due, on or after January 18, 2011. The plan will be subject to peer review and will be reviewed under the merit review criteria. This plan should describe how the proposal will conform to NSF policy on the dissemination and sharing of research results, and may include:

1. The types of data, samples, physical collections, software, curriculum materials, and other materials to be produced in the course of the project;

2. The 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.

A valid Data Management Plan may include only the statement that no detailed plan is needed, as long as the statement is accompanied by a clear justification. Proposers who feel that the plan cannot fit within the supplement limit of two pages may use part of the 15-page Project Description for additional data management information. Proposers are advised that the Data Management Plan may not be used to circumvent the 15-page Project Description limitation.

Data management requirements and plans specific to the Directorate, Office, Division, Program, or other NSF unit, relevant to a proposal are available at: http://www.nsf.gov/bfa/dias/policy/dmp.jsp. If guidance specific to the program is not provided, then the requirements established in Grant Proposal Guide, Chapter II.C.2.j apply.

Please see the BYU ORCA for general Data Management Plan information and suggestions for organizing, managing, sharing and preserving your data (https://orca.byu.edu/grants/Forms.php).

The Data Management Plan addresses NSF's policy on the dissemination and sharing of research results within a reasonable time. In accordance with this policy, this plan does not include preliminary analyses (including raw data), drafts of scientific papers, plans for future research, peer reviews, or communications with colleagues. Furthermore, data to enable peer review and publication/dissemination and/or to protect

intellectual property may be temporarily withheld from distribution and other proposed data management. This plan will make certain that the data produced during the period of this project is appropriately managed to ensure its usability, access and preservation.

Description of [data, samples, physical collections, software, curriculum materials, and/or other materials]:
[Provide a detailed description of expected "data" to be produced from this project; describe how much data will be produced and whether it will change or be updated]

Standards for data and metadata format and content:
[Describe the standards that will be used for data format and content, and where existing standards are absent or deemed inadequate, this should be documented along with any proposed solutions or remedies; may include person responsible for data management; describe methods for collecting or creating data; describe how data will be documented throughout research project and how data quality will be assured]

Data access and sharing:
[Describe policies for access and sharing, including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements; describe how data will be made available for public use and potential secondary uses; may also include policies and provisions for re-use, re-distribution, and the production of derivatives]

Data archiving and preservation:
[Describe plans for archiving data, samples, and other research products, and for preservation of access to them; consider publishing your data in a repository]