

NSF Data Management and Sharing Plans

Proposals submitted to the National Science Foundation on or after January 18, 2011 must contain a supplementary document of no more than 2 pages outlining a data management plan (DMP) that describes how data generated by the project will be disseminated and shared. Proposals submitted without a DMP will not be reviewed.

Because DMPs will be discipline and project specific, it will not be possible to develop a template document for use by all principal investigators. NSF has posted an FAQ (www.nsf.gov/bfa/dias/policy/dmpfaqs.jsp) that provides information which can assist when developing a DMP. In addition, the Engineering Directorate, the Division of Earth Sciences, and the Social, Behavioral and Economic Sciences Directorate have all posted data sharing and archiving policies on the NSF web site.

There are several existing sites that may be available as data repositories that are listed below. Investigators should contact the sites directly to find out if archiving data is permissible. Researchers who are aware of other available repositories are encouraged to add to the list below.

<http://www.lternet.edu> (Long Term Ecological Research Network)
<http://www.astro.caltech.edu/~pls/astronomy/archives.html> (astronomy)
<http://www.icpsr.umich.edu/icpsrweb/ICPSR/> (political and social research)
<http://durpdg.dur.ac.uk/> (HEPData)
<http://www.nber.org/data> (National Bureau of Economic Research)
<http://dss.ucar.edu/catalogs/> (atmospheric and geosciences research)
<http://www.birncommunity.org/working-with-brin/overview> (Biomedical Informatics Research Network)

The OSU Library also has limited opportunities available for data archiving. For information about the options available at the Library, contact Anne Prestamo (anne.prestamo@okstate.edu).

The University of Oklahoma is in the process of establishing the Oklahoma PetaStore through an NSF Major Research Instrumentation award. PetaStore will be available to Oklahoma academics for the cost of the storage media (current cost of a terabyte tape is about \$60). The PetaStore will combine disk and tape for bulk archiving of research datasets. OU anticipates the PetaStore will be in production in Spring 2011. As more details become available on PetaStore, we will make those available. Dana Brunson in the OSU High Performance Computing Center (dana.brunson@okstate.edu) has additional information about the Oklahoma Petastore.

As additional information and resources available for data archiving and dissemination become available, they will be posted on the University Research Services homepage (urs.okstate.edu).