STERLING C. EVANS LIBRARY

OFFICE OF SCHOLARLY COMMUNICATIONS

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LIBRARIES
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Elements Supporting the Development of Effective Data Management Programs

1. Current Federal public access mandates for different agencies. I find the new SPARC database useful.

   - https://www.whitehouse.gov/blog/2016/10/28/federally-funded-research-results-are-becoming-more-open-and-accessible
   - http://researchsharing.sparcopen.org/

2. Reading requests for proposals for DMP instructions. Examples from NSF and NIH are below.

   - NSF Grant Application Guide: https://www.nsf.gov/pubs/policydocs/pappguide/nsf16001/gpg_index.jsp
   - NSF Data Management Plans FAQs: https://www.nsf.gov/bfa/dias/policy/dmpfaqs.jsp
   - NIH Data Sharing Instructions: https://grants.nih.gov/grants/policy/data_sharing/
   - NIH Grant Application Guide: https://grants.nih.gov/grants/how-to-apply-application-guide.html#inst

3. Introduction and use of the DMPTool: https://dmptool.org/

4. Examples of Data Management Plans: https://www.lib.umn.edu/datamanagement/DMP/example

5. Group development of template text for use of the Texas Data Repository: We could develop a template for text describing the use of our repository to add to PI's DMPs. I have some starting text.

Template Text for DMP's

Procedures for providing access

Librarians in the Office of Scholarly Communications in the Texas A&M University Libraries will guide and support the principle investigators in data management and curation in the Texas Data Repository (http://data.tdl.org/), including identification of appropriate metadata, data formats, and data annotation that supports reuse. The Texas Digital Library will have responsibility for maintenance of the data repository as well as data preservation through the Digital Preservation Network.

The Texas Digital Library administers the Texas Data Repository. The Texas Digital Library (TDL) is a consortium of academic libraries in Texas with a proven history of providing shared technology services that support secure, reliable access to digital collections of research and scholarship. The Texas Research Data Repository is a project of the TDL and its members to develop a consortial statewide research data repository for researchers at Texas institutions of higher learning.

Data will be curated in the repository following accepted standards (NISO Framework Advisory Group, 2007). Metadata for the project data will provide information on subject, provenance, authorship, methods and post-processing, and copyright that will support discoverability, curation, and preservation of the collection, as well as accessibility via harvesting and APIs. Data curated in the Texas Data Repository will be preserved through the Digital Preservation Network. The Texas Digital Library is a node of DPN.

The Texas Data Repository is committed to curating research data for at least 10 years after ingestion.

References

Citation: NISO Framework Advisory Group. 2007. A Framework of Guidance for Building Good Digital Collections. 3rd edition. Bethesda, MD: National Information Standards Organization. Available from: http://www.niso.org/publications/rp/framework3.pdf