D2C2
Distributed Data Curation Center

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What is the Purdue Libraries' approach to DMP? Collaboration…

The Purdue University approach to developing a data management plan (DMP)

Purdue University's institutional approach to responding to the NSF data management plan "mandate" is built on years of Libraries collaboration and research with faculty, Information Technology at Purdue (ITaP) and the Office of the Vice President for Research (OVPR).

During summer 2010, OVPR convened a Data Management Working Group (DMWG), co-led by the Libraries and ITaP and including a dozen faculty, and charged them to determine a response that addresses NSF's concerns as well as the University's strategic mission to provide "discovery with delivery." The DMWG identified a three-prong approach:

1. To work with OVPR and Sponsored Program Services (SPS) to develop assistance (knowledge, skills, tools) in Pre-Awards and with Proposal Coordinators to identify data management needs for the completion of a data management plan (DMP) as prescribed either generally by NSF or by other funding agencies.

- See: OVPR website

2. To evaluate and modify an instrument called the Data Curation Profile (developed at Purdue in collaboration with UIUC*) to create a self-assessment guide—the DMP Tool—that PIs can use to translate their data handling/workflow into a DMP with minimal assistance. PIs are asked to fill use the Tool, and then seek additional assistance as needed from SPS or the Libraries. As this is a research are of Libraries' faculty, they also serve as a "second line of defense" to consultant with PIs on their plans.

- See: Data Curation Profile Toolkit website: www.datacurationprofiles.org
- Data Management Plan Tool (Self-Assessment Questionnaire)
- Jake Carlson, Data Research Scientist at Purdue Libraries, is the architect of the DMP Tool, see: blogs.lib.purdue.edu/jcarlson/

3. To collaborate to develop a model for ingest and discovery of data sets identified as target data using the HUBzero™ platform to create the Purdue University Research Repository (PURR). Target data refers to those data which are identified as primary for sharing in the DMP (i.e., which support articles published in journals). [*As of January 2011, PURR is under development and accessible only to Purdue University faculty and staff.*]

- See PURR research.hub.purdue.org/

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Featured Project

"**Research data collections** are the products of one or more focused research projects and typically contain data that are subject to limited processing or curation. They may or may not conform to community standards, such as standards for file formats, metadata structure, and content access policies."

From: *Long-Lived Digital Data Collections Enabling Research and Education in the 21st Century*, National Science Foundation, September 2005. Retrieved 4/20/10

The Distributed Data Curation Center(D2C2) is a Center managed by the Purdue University Libraries.