DMP Tool for Data Management Plans

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Presented to the Research Administrators Forum (RAF)
February 9, 2012
NSF Awards to UCLA in FY 2010-11

- $84,364,252.00
- 7.8% of awarded dollars to UCLA come from NSF
Federal Dollars for Science and Engineering

- UCLA was ranked 5\textsuperscript{th} in 2007 (most recent data available from NSF)
- UCLA is consistently ranked in the top 10
NSF Requirement for Data Management Plan (DMP)

“Proposals must include a supplementary document of no more than two pages labeled ‘Data Management Plan.’ This supplement should describe how the proposal will conform to NSF policy on the dissemination and sharing of research results.”
Reasons for the **DMP Tool**

- NSF requirements for data management plans beginning Jan 2011
  - For instance, University of California researchers received over $600 million from NSF in FY 2010/11
- Other agencies following suit: NEH, IMLS
- NIH has data sharing requirements
UCLA Project participants

- Todd Grappone
- Judy Consales
- Sharon Farb
- Lisa Federer
- Courtney Hoffner
- Tony Aponte
- Anita Colby
- Claudia Horning
- Jen Weintraub
- Stephen Davison
- Gary Thompson
- Darrow Cole
- Dawn Setzer
Data Management

this concept refers to the activities in the research lifecycle that involve some aspect of planning, collecting, processing, editing, preparing, documenting, verifying, analyzing, preserving, discovering and repurposing data; a Data Management Plan should articulate how these data activities will be conducted in a research project;

The “WHAT” of e-research data activities
Data Stewardship

data stewardship refers to the individuals, parties or institutions taking responsibility for data management activities across the research lifecycle; a Data Management Plan should identify the data stewards associated with a research project;

The “WHO” involved in e-research data activities
DMPTool for Data Management Plans

• Helps researchers meet requirements of NSF and other U.S. funding agencies.
• Guides researchers through the process of creating a data management plan.
• Is available to everyone.
• Provides additional help for researchers at DMPTool partner institutions – like UCLA.

data@library.ucla.edu
February 9, 2012
“Investigators are expected to share with other researchers, at no more than incremental cost and within a reasonable time, the primary data, samples, physical collections and other supporting materials created or gathered in the course of work under NSF grants. Grantees are expected to encourage and facilitate such sharing.”
Goals of the DMP Tool, I

- To provide researchers a simple way to create a Data Management Plan by giving them information from the funding agency:
  - Questions asked by the agency
  - Any additional explanation or context provided by the agency
  - Links to the agency website for policies, help, guidance

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Goals of the DMP Tool, II

• To provide researchers with additional information from their local institution:
  – Resources and services to help them manage data
  – Help text for specific questions
  – Suggested answers to questions that they can simply cut-and-paste
  – News and events related to data management on their campus
In many cases, get data management advice and resources for your specific institution.
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The DMP Tool allows you to:

1. 2. 3. 4.

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As new Data Management Plan Guidelines become available, they will be added to this page and eventually to the DMPTool.

Disclaimer

The sample plans provided here may or may not be associated with successful grant applications. They may contain details not relevant to your specific project. They are provided only to illustrate representative responses.

Funder Key

- IISF = National Science Foundation
- IIEH = National Endowment for the Humanities
- IMLS = Institute of Museum and Library Services

Additional DMP Tool Help

- DMP Tool Guide
- Video Demo
Get Started

Login

If your institution is listed below the DMP tool will provide links to local data management resources and support available to you.

If you're using the DMP tool for the first time you'll be prompted to provide some additional information.

--- Select Your Institution ---

I am a:
- new user
- returning user

Go

Anyone can use the DMP Tool

Don't see your organization in the list? You can still use the DMP Tool... just select "None of the above" and you'll be able to create an account or login.

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Create a DMPTool account

* First name
* Last name
* Username
* Password
* Repeat Password
* Email

Institution: UCLA

Create Account Reset Form

* indicates a required item.
Add local information

• Help text, Links to resources and services, Suggested answers, Contact information

• Information can be added at various levels for researchers at UCLA:
  – All data management plans
  – All data management from a particular funding agency, e.g., NSF Biological Sciences Directorate
  – A particular question within a data management plan

https://bitbucket.org/dmptool/main/wiki/Documentation
Questions?

• Contact us at data@library.ucla.edu to participate
• Important links:
  – Funder Templates:
    https://bitbucket.org/dmptool/main/wiki/Documentation
  – DMPTool Blog:
    http://blogs.library.ucla.edu/dmptool
Create a persistent identifier: DOI or ARK
Add object location
Add metadata
Update object location
Update object metadata