Writing Data Management Plans

King Library Data Services
OSTP MEMO: INCREASING ACCESS TO THE RESULTS OF FEDERALLY FUNDED SCIENTIFIC RESEARCH

“the direct results of federally funded scientific research [should be] made available to and useful for the public, industry, and the scientific community”

- Data management plans will become compulsory
- Providing public access to data will become more routine
What does a Data Management Plan look like?

Usually short (2 page) documents submitted as part of a grant application...
But...

Content expectations vary somewhat among grant-giving agencies.

So be sure to review the DMP guidelines for your grant application.
Common DMP Topics

1. Roles & Responsibilities
2. Types of Data Generated
3. Documentation
4. Storage & Organization
5. Access, Sharing & Re-use
6. Archiving & Preservation
1. Roles & Responsibilities

Who accepts responsibility for tasks associated with data management?
2. Types of Data Generated

What is the data?

- Numerical, image, text, modeling, etc.?
- How will it be captured?
- How will it be processed?
- How much will be generated?
- Are you using data someone else produced?
3. Documentation

How will you document the data so that it is understandable by other researchers?
4. Storage and Organization

What are your local storage and backup procedures?

- File formats?
- Directory and file naming conventions?
5. Access, Sharing & Re-use

What data will be shared, when, and how?

- Privacy, ethical, confidentiality concerns?
- Licensing?
- Permit re-use, redistribution or creation of derivative products?
6. Archiving & Preservation

What is the long-term plan for this data?

- How long will it be retained?
- Where will it be stored after the lifetime of the project?
Sample DMPs
DMPTool