

Open Forums: Library Support for Data Management and Sharing Plans

Mira Waller (mpw3v@virginia.edu) Ricky Patterson (ricky@virginia.edu)



Overview

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- Data Management and Sharing Plans
 - Components and Key Considerations
 - DMP Tool
 - Examples
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- Resources (University Library and Health Sciences Library)
- Questions

Research Data Management

Research Data Management (RDM) A set of principles, processes, and best practices for handling research data both during and after the completion of a research project including:

- Data Management & Sharing Plan
- Organizing and Managing files
- Documentation and Data Curation
- Data Storage, Backup and Security
- Data Sharing and Preservation
- Open and Reproducible Research

Research Data Management

Why do RDM?

1. Following RDM recommendations helps make the researcher an effective steward of their research data, ensuring it is accessible, comprehensible, and fit for use and reuse.
2. Good RDM simply makes for better research. Data is now commonly viewed as a first-class research output alongside the journal article, and well-managed data both facilitates and reflects well-conducted studies.
3. Compliance: the norms and expectations for research are shifting and requirements that data be stored and shared for later reuse are increasingly common. **Additionally, data management and sharing plans are now a required component of many grant applications and will soon be required of all federally funded research, along with immediate public access to the data underlying published research.**

Data Management and Sharing Plans

A Data Management & Sharing Plan (DMSP), also referred to as a Data Management Plan (DMP) depending on the funding agency, is a formal document that outlines what you will do with your data during the active phase of the research project and after the project ends.

Data Management and Sharing Plans

Components and Key Considerations

Although funder DMSP requirements may vary, in most cases you will be asked to:

- Describe your data, other research products, and relevant software
- Address metadata, standards, and documentation
- Address storage, preservation, and sharing mechanisms
- Describe associated costs and clearly define roles and responsibilities for data handling throughout the research lifecycle
- Address ethical, legal or other restrictions. If applicable, you will need to discuss compliance with federal regulations protecting human subjects and privacy.

Data Management and Sharing Plans



<https://dmptool.org/>

The DMP Tool can help with writing your data management & sharing plan. It provides customized DMP forms with guidance (from UVA RDM specialists and from funders) and examples based on your research funder and research institution selections.

Accessed with UVA Netbadge. You can submit a draft of your plan for review by UVA Library/HSL Data Management specialists from within DMPTool itself (prior to grant submission).

Data Management and Sharing Plans



-  UVA Library Research Data Management (non-Health System)
-  HSL Research Data Management (Health System)
-  Data Management Consulting Group

Successfully signed in

My Dashboard



Welcome
You are now ready to create your first DMP.
Click the 'Create plan' button below to begin.

There are no records associated

Create plan

University of Virginia (UVA) (virginia.edu) Plans

The table below lists the plans that users at your organization have created and shared within your organization. This allows you to download a PDF and view their plans as samples or to discover new research data.

Project Title	Template	Owner	Updated	DMP ID	Download
Transform	Digital Curation Centre	sjg6ax@virginia.edu	07-12-2019		
The National Institute for Artificial...	NSF-CISE: Computer and Information Science and Engineering	wb8b7@virginia.edu	12-04-2020		

Data Management and Sharing Plans



-  UVA Library Research Data Management (non-Health System)
-  HSL Research Data Management (Health System)
-  Data Management Consulting Group

Create a new plan

Before you get started, we need some information about your research project to set you up with the best DMP template for your needs.

*** What research project are you planning?**

mock project for testing, practice, or educational purposes

*** Select the primary research organization**

Research organization

- or -

No research organization associated with this plan or my research organization is not listed

*** Select the primary funding organization**

Funder

- or -

No funder associated with this plan or my funder is not listed

[Create plan](#) [Cancel](#)

Data Management and Sharing Plans

The screenshot shows the DMP Tool web interface in a Firefox browser. The address bar displays the URL `https://dmptool.org/plans/111754/edit?phase_id=2281`. The page header includes the DMP Tool logo and navigation links: Dashboard, Create Plan, Public Plans, Funder Requirements, About, Admin, and a Logout button. The main content area features the University of Virginia logo and a list of associated entities: UVA Library Research Data Management (non-Health System), HSL Research Data Management (Health System), and Data Management Consulting Group.

NIH Sample Human Survey Data Default DMSP

Project Details Collaborators Write Plan Research outputs Finalize Download

This plan is based on the "NIH-Default DMSP" template provided by National Institutes of Health (nih.gov) - (ver: 9, pub: 2024-06-27).

expand all | collapse all 12/12 answered

- Data Type (3 / 3) +
- + Related Tools, Software and/or Code (1 / 1) +
- + Standards (1 / 1) +
- + Data Preservation, Access, and Associated Timelines (3 / 3) +
- + Access, Distribution, or Reuse Considerations (3 / 3) +

Data Management and Sharing Plan Examples

- UVA shared plans available through the [DMP Tool](#)
- NIH sample plans available [here](#)
- [Example DMP Directory](#)

2022 OSTP (Nelson) memo

The memo guides all federal agencies to develop plans indicating how they will provide immediate public access to the results of federally funded research.

- **It covers all federal agencies and departments which provide funding**
- **It calls for data underlying all published research conclusions** to be made immediately available (for grants issued starting in January 2026).
- **It extends the previous policy's original scope** beyond research articles to include peer-reviewed book chapters, editorials, and conference proceedings.
- **It calls for research publications to be machine-readable** so they are more useful to researchers and the public through text and data mining, computational analysis, and other technologies, as well as through assistive technology.
- **It calls for the use of persistent identifiers** that make it easier to find and connect research outputs, increasing the discoverability and impact of research. (ORCID ID is the leading candidate).

Resources

- Nelson Memo guide <https://guides.lib.virginia.edu/public-access-memo>
- Research Data Management guide:
 - University Library: <https://library.virginia.edu/data/data-management>
 - HSL: <https://guides.hsl.virginia.edu/data/data-mgmt>
DMSP guidance: <https://guides.hsl.virginia.edu/nih-dmsp>
- Research Support (Summary):
 - University Library: https://guides.lib.virginia.edu/researcher_support
 - HSL: <https://guides.hsl.virginia.edu/research>
- Get Help
 - University Library: dmconsult@virginia.edu
 - HSL: <https://guides.hsl.virginia.edu/consultation-request>

Questions?

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