Writing a Data Management & Sharing Plan with DMPTool

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Objective

Help you to use DMPTool to create a plan in alignment with the NIH Data Management and Sharing Policy
Want a broader context for this webinar?

https://sharing.nih.gov/

https://www.unmc.edu/spa/policies/nihdmsp/resources.html
Why Data Management & Sharing

FAIR data

OSTP Memo

Sharing Data of Publicly Funded Research
What are the Elements of the 2023 NIH DMSP?

Six Elements

Multiple sub-elements

Two pages
What are the Elements of the 2023 NIH DMSP?

1. Data Type
2. Related Tools, Software, and/ or Code
3. Standards
4. Data Preservation, Access, and Associated Timelines
5. Access, Distribution, or Reuse Considerations
6. Oversight of Data Management and Sharing
Element 1. Data Type
Element 1. Data Type

Describe the scientific data to be managed, preserved, and shared.

1.1 Summarize the types and amount of scientific data generated/ used

1.2 Describe which scientific data will be preserved and shared

1.3 Metadata, other relevant data, and associated documentation
Element 2. Related Tools, Software, and/or Code
Element 2. Related Tools, Software and/or Code

State whether specialized tools, software, and/or code are needed to access or manipulate shared scientific data.
Element 3. Standards
Element 3. Standards

State the common data standards applied to the scientific data and associated metadata

Provide the names of the data standards

Describe how the data standards will be applied to the scientific data generated by the research
Element 4. Data Preservation, Access, and Associated Timelines
Element 4. Data Preservation, Access, and Associated Timelines

4.1 Repository where scientific data and metadata will be archived

4.2 Describe how the scientific data will be findable and identifiable

4.3 When and how long the scientific data will be made available
Element 5. Access, Distribution, or Reuse Considerations
Element 5. Access, Distribution, or Reuse Considerations

5.1 Factors affecting subsequent access, distribution, or reuse of scientific data

5.2 Controlled access to scientific data

5.3 Protection for privacy, rights, and confidentiality of human research participants
Element 6. Oversight of Data Management and Sharing
Element 6. Oversight of Data Management and Sharing

Describe how compliance with this Plan will be monitored and managed, the frequency of oversight, and by whom in your research project.
DMPTool

https://dmptool.org/

Best practice made easier

With a free, community-supported service that makes it easier to create machine-actionable data management and sharing plans (DMSPs) that meet funder requirements and follow open science best practice.

Get Started

How does the DMP Tool work?

Simplifying data management and sharing plans for researchers and institutions with the DMP Tool’s efficient, best practice-oriented, and compliance-designed approach.
DMPTool: Why use DMPTool

Guidance
... quick links to relevant resources

Feedback
... from collaborators/institution

Example plans
... creators have made public

Machine-actionable
... automated exchange of information about your research
DMPTool: How to use

https://www.unmc.edu/spa/policies/nihdmsp/writing/dmptool.html
Pause:

DMPTool Demonstration
DMPTool: Choosing the NIH Template

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?
- NIH Biomedical Data
- □ mock project for testing, practice, or educational purposes

* Select the primary research organization
- Research organization
  - University of Nebraska Medical Center (unmc.edu)
- - or -
  - □ No research organization associated with this plan or my research organization is not listed

* Select the primary funding organization
- Funder
  - National Institutes of Health (nih.gov)
- - or -
  - □ No funder associated with this plan or my funder is not listed

Which DMP template would you like to use?
- NIH-Default DMSP
- NIH-Default DMSP
- NIH-FOP Pilot Template APRS
- NIH-FOP Pilot Template Bravo
- NIH-NIMH: The National Institute of Mental Health

We found multiple DMP templates corresponding to your funder.
DMPTool: Writing with a Plan

This plan is based on the "NIH-Default DMSI" template provided by National Institutes of Health (nih.gov) - (ver: 9, pub: 2023-07-06).

- Data Type (0 / 3)
- Related Tools, Software and/or Code (0 / 1)
- Standards (0 / 1)
- Data Preservation, Access, and Associated Timelines (0 / 3)
- Access, Distribution, or Reuse Considerations (0 / 3)
- Oversight of Data Management and Sharing (0 / 1)
Request Feedback

Test for Webinar

Request expert feedback
Click below to give data management staff at University of Nebraska Medical Center (unmc.edu), the Plan Owner's org. access to read and comment on your plan.

Dear Lisa Chinn,
"Test for Webinar" has been sent to your DMPTool account administrator for feedback.

Please email researchdata@unmc.edu with any questions about this process.

You can continue to edit and download the plan in the interim.

Request feedback
Downloading Your Plan
Last Steps: Where does the Plan go?

Upload pdf to Forms H, under “11. Other Plans”
DMPTool: Sign up for an account

1. Sign up for an account
2. Take 5 minutes to set up a template
3. Try creating a “mock” DMSP
Connect with us!

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Research Guide:
https://unmc.libguides.com/rdm

Book an Appointment with me:
https://go.unmc.edu/veb3

Upcoming Events:
https://www.unmc.edu/library/services/instruction.html
Questions?