

# 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](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*



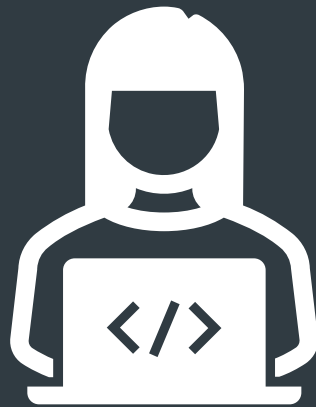
*1.3 Metadata, other relevant data, and associated documentation*



# 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



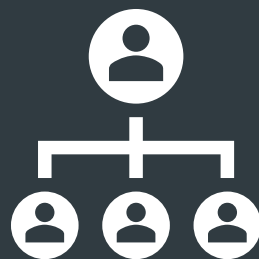
5.3 Protection for privacy, rights, and confidentiality of human research participants



# Element 6. Oversight of Data Management and Sharing



# Element 6. Oversight of Data Management and Sharing

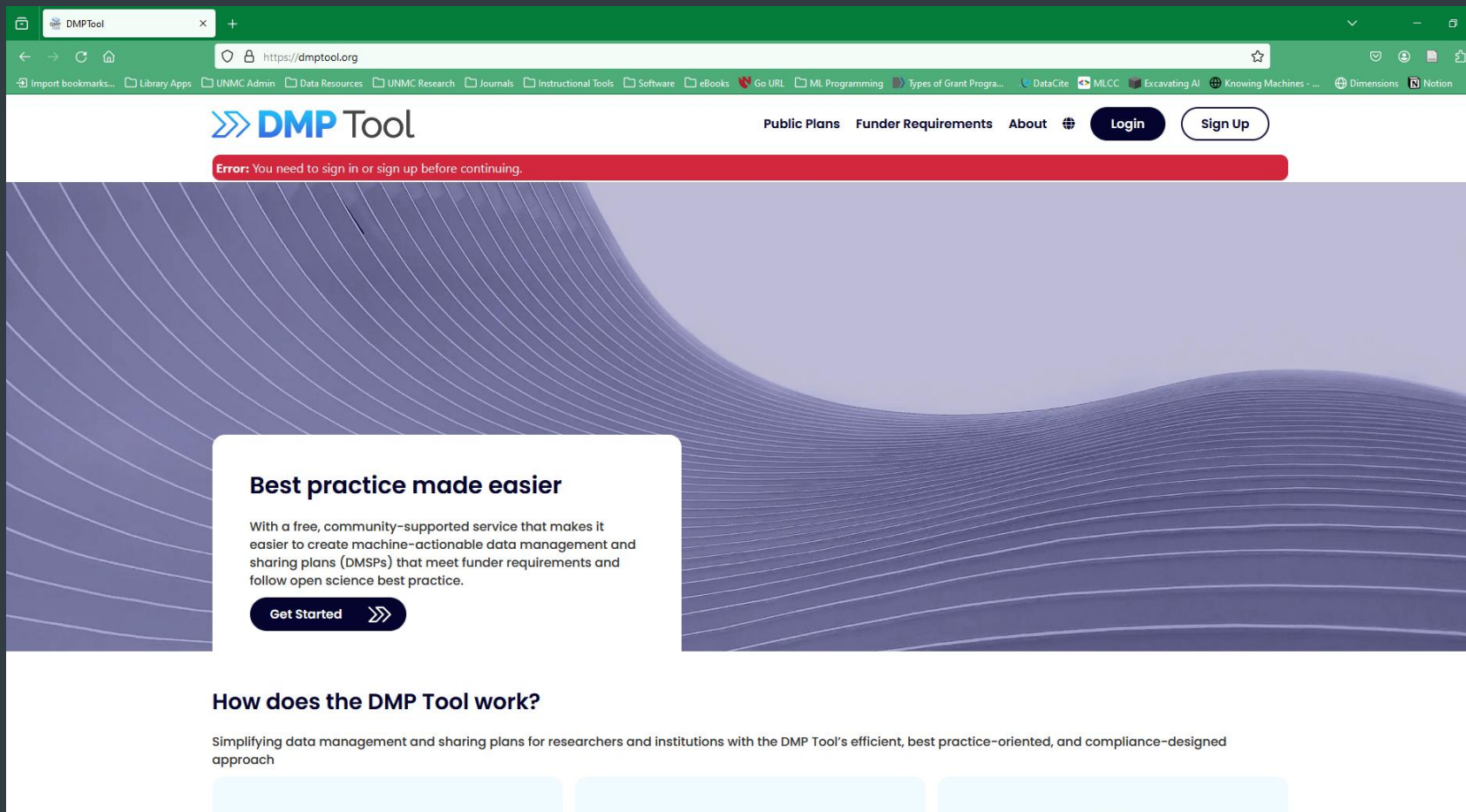


Describe how compliance with this Plan will be monitored and managed, the frequency of oversight, and by whom in your research project



# DMPTool

<https://dmptool.org/>



The screenshot shows a web browser window with the DMPTool website. The browser's address bar displays "https://dmptool.org/". The website's header features the "DMP Tool" logo on the left and navigation links for "Public Plans", "Funder Requirements", and "About" in the center. On the right side of the header, there are "Login" and "Sign Up" buttons. A red error message banner is visible below the navigation, stating "Error: You need to sign in or sign up before continuing." The main content area has a dark blue background with a white box containing the text "Best practice made easier" and a "Get Started" button with a double arrow icon. Below this, a section titled "How does the DMP Tool work?" is partially visible, with the text "Simplifying data management and sharing plans for researchers and institutions with the DMP Tool's efficient, best practice-oriented, and compliance-designed approach".

**DMP Tool**

Public Plans Funder Requirements About

Login Sign Up

Error: You need to sign in or sign up before continuing.

## 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 (selected)

NIH-Default DMSP

NIH-FDP Pilot Template Alpha

NIH-FDP Pilot Template Bravo

NIH-NIMH: The National Institute of Mental Health

We found multiple DMP templates corresponding to your funder.

**DMP TOOL**

**Quick links**

- [Funder Requirements](#)
- [Public Plans](#)

**External links**

- [GitHub](#)
- [Blog](#)

# DMPTool: Writing with a Plan

The screenshot shows a web browser window with the URL [https://dmptool.org/plans/104386/edit?phase\\_id=2281](https://dmptool.org/plans/104386/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 user is identified as University of Nebraska Medical Center (unmc.edu) and Research Data Manager.

## Test for Webinar

The main content area features a horizontal navigation bar with the following tabs: Project Details, Collaborators, **Write Plan** (circled in red), Research outputs, Request feedback, Finalize, and Download.

Below the navigation bar, a message states: "This plan is based on the 'NIH-Default DMSP' template provided by National Institutes of Health (nih.gov) - (ver: 9, pub: 2023-07-06)." Below this message are expand/collapse controls and a progress indicator showing 0/12.

- + 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)

The footer contains the DMP Tool logo, Quick links (Funder Requirements), and External links (GitHub).



# Request Feedback

The screenshot shows a web browser window with the URL [https://dmptool.org/plans/104386/request\\_feedback](https://dmptool.org/plans/104386/request_feedback). The page header includes the DMP Tool logo and navigation links: Dashboard, Create Plan, Public Plans, Funder Requirements, About, Admin, and a Logout button. Below the header, the University of Nebraska Medical Center logo and name are displayed, along with the text 'University of Nebraska Medical Center (unmc.edu)' and 'Research Data Manager'. The main content area is titled 'Test for Webinar' and features a horizontal navigation bar with buttons for 'Project Details', 'Collaborators', 'Write Plan', 'Research outputs', 'Request feedback', 'Finalize', and 'Download'. The 'Request feedback' button is circled in red. Below this bar, the section is titled 'Request expert feedback' and contains the following text: '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.' A text box contains a pre-written email: '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.' Below the text box, it says 'You can continue to edit and download the plan in the interim.' and a 'Request feedback' button is visible. The footer contains the DMP Tool logo, 'Quick links' (Funder Requirements, Public Plans), and 'External links' (GitHub).

# Downloading Your Plan

The screenshot shows a web browser window with the URL <https://dmptool.org/plans/104386/download>. 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 user is identified as University of Nebraska Medical Center (unmc.edu) and is using Research Data Manager.

The main content area is titled "Test for Webinar" and features a series of navigation buttons: Project Details, Collaborators, Write Plan, Research outputs, Request feedback, Finalize, and Download. The "Download" button is currently selected.

Below the navigation buttons is a "Format" section with a dropdown menu showing options: docx, csv, html, pdf, text, docx, and json. The "docx" option is selected. There is also a checkbox labeled "include any unanswered questions" which is currently unchecked. A "Download Plan (new window)" button is located at the bottom of this section.

The footer contains the DMP Tool logo, "Quick links" (Funder Requirements, Public Plans, Help), and "External links" (GitHub, Blog, Accessibility).

# Last Steps: Where does the Plan go?

Upload pdf to Forms H, under “11. Other Plans”

[View Burden Statement](#) **PHS 398 Research Plan** OMB Number: 0925-0001  
Expiration Date: 09/30/2024

**Introduction**

1. Introduction to Application (for Resubmission and Revision applications)  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

**Research Plan Section**

2. Specific Aims  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

3. \*Research Strategy  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

4. Progress Report Publication List  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

**Other Research Plan Section**

5. Vertebrate Animals  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

6. Select Agent Research  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

7. Multiple PD/PI Leadership Plan  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

8. Consortium/Contractual Arrangements  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

9. Letters of Support  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

10. Resource Sharing Plan(s)  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

11. Other Plan(s)  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

12. Authentication of Key Biological and/or Chemical Resources  [Add Attachment](#) [Delete Attachment](#) [View Attachment](#)

**Appendix**

13. Appendix [Add Attachments](#) [Delete Attachments](#) [View Attachments](#)

# 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

Finishing in...

05:00



# Connect with us!

Lisa Chinn, PhD, MLIS, Research Data Services, McGoogan Health Sciences Library

[lichinn@unmc.edu](mailto:lichinn@unmc.edu)

Research Data Services email

[researchdata@unmc.edu](mailto:researchdata@unmc.edu)

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?





TOGETHER.



University of Nebraska  
Medical Center

UNIVERSITY OF  
**Nebraska**  
Medical Center

