

NIH Data Management and Sharing Plan (DMSP) Policy 2023

Penn Medicine | Dept. Otorhinology-Head & Neck Surgery.

What is the new NIH DMSP policy?

Beginning on Jan 25, 2023, NIH will require all NIH funded studies to submit a 1-2 page data management and sharing plan that follows the [FAIR principles](#).

Who is required to submit a DMSP?

1. Competing grant applications submitted to the NIH.
2. Proposals for contracts that are submitted to NIH.
3. NIH Intramural Research projects.
4. Other funding agreements on/after Jan 25, 2023.

What is required in the plan?

A description of... 1) Data types; 2) Related Tools, Software/code; 3) Standards; 4) Data Preservations, Access and Associated timelines; 5) Access Distribution or Reuse Considerations; 6) Oversight of DMSP.

Where/How can I find more information?

National Institute of Health
Penn Libraries- University of Pennsylvania

NIH Data Management and Sharing Plan "Cheat Sheet"

<u>Ten rules for maximizing the NIH Data management and sharing plan</u>		
DMSP Elements	Rules	Description
1. Data Types.	<u>Describe the data.</u>	Identify data types, formats, files, management, storage, aggregation, processing levels.
	Choose documentation types from the beginning of the project.	Metadata documentation, Data dictionaries, README files
2. Related Tools, software, and/or Code.	Describing the tools and software to be used in the project.	Describe data collection tools, programming languages (e.g. R/Python), Free or proprietary tools, and end of life date for tools.
3. Standards	Use Standard file types, identifiers, and descriptive elements	What standards will be applied to the scientific data and associated with the metadata ((i.e., data formats, data dictionaries, data identifiers, definitions, unique identifiers, and other data documentation)?
4. Data Preservations, Access & Associated Timelines.	Understand the options for preserving data- Finding a repository.	<ul style="list-style-type: none"> ·Metadata and PIDs ·Easy access ·Long term-sustainability ·Curation/provenance ·Security/integrity/confidentiality
	Finding the most desirable repository.	
	Coordinate timelines for sharing.	Develop a timeline when the data will be available to share.
5. Access Distribution, or Reuse considerations.	Protected privacy and confidentiality prior to access.	Informed consent (e.g. disease-limited considerations), Privacy protections (e.g. de-identification).
	Know the controls and approvals needed for data accessibility.	Describe how data access is controlled (e.g. data use agreements, restrictions, data limitations).
6. Oversight of data management and sharing.	Plan for and outline oversight of data management and sharing	Describe how compliance with data management plan will be managed and monitored and by whom.

Resources

National Institute of Health (NIH)

- [About Data Management & Sharing Policies | Data Sharing.\(nih.gov\)](#)
- [Planning and Budgeting for Data Management & Sharing | Data Sharing \(nih.gov\)](#)
- [Data Management | Data Sharing.\(nih.gov\)](#)
- [Sharing Scientific Data | Data Sharing \(nih.gov\)](#)
- [Implementation Details for the NIH Data Management and Sharing Policy](#)
- [FAQs for the NIH Policy for Data Management and Sharing](#)
- [Ten Simple Rules for Maximizing the Recommendations of NIH Data Management and Sharing Plan](#)
- [Council On Governmental Relation's NIH Data Management and Sharing Resource Page](#)
- [Supplemental Information to the NIH Policy for Data Management and Sharing: Elements of an NIH Data Management and Sharing Plan](#)

University of Pennsylvania Library

- [Penn Library](#)
- [Data Management](#)
 - [Guidance on writing Data Management Plans \(DMPs\) and the new NIH DMSP](#)
 - Support for DMPTool , Guides and workshops on data management best practices.
- [Samples/Templates](#)
- [Format page](#)
- [DMPTool guide](#)
- [Data Sharing links and guides](#)
 - Guidance on appropriate domain, generalist, governmental, and institutional repository options
 - Guidance for FAIR-ifying data for sharing (Findable, Accessible, Interoperable, Reusable)

Library Contacts

[Lynda Kellam \(she/her\)](#)

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Zoom link listed on profile

[Laura Phedley \(she/her\)](#)

Research Data Engineer
Schedule: Tuesdays from 10-11am
EST (Zoom or in-person) and Fridays
from 11-12pm EST (Zoom only).