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## Scientific Editing and Research Communication Core

### Resources for Writing an NIH Data Management Sharing Plan

To promote the sharing of scientific data for all National Institutes of Health (NIH)-supported research, the NIH is issuing a new Data Management and Sharing (DMS) policy, effective January 25, 2023. As described on the [NIH DMS Policy website](#), the goal of this effort is to accelerate biomedical research discovery by enabling validation of research results, providing accessibility to high-value datasets, and promoting reuse of data for future research studies.

This policy will require creating a DMS Plan to accompany any proposals for research that will generate scientific data, including research project (R) grants, some career development (K) awards, small business SBIR/STTR grants, and research center grants. A DMS Plan will not be required for training (T) grants or fellowships (F). (See [Research Covered Under the DMS Policy](#), which includes a list of [NIH activity codes subject to the DMS Policy](#).)

For investigators who generate scientific data, this means you will need to:

- create a concise, realistic plan for how scientific data will be managed and shared that is up to two pages in length,
- identify responsible ways to share data (usually via established data repositories),
- submit your DMS Plan for review by NIH program staff when applying for funding, and
- comply with the approved DMS Plan, as set out in the terms and conditions of the award.

In addition, investigators are encouraged to consider the costs that are directly associated with data management and sharing and to include them in their budget.

To help you prepare your DMS Plan, several resources are available.

- The University of Iowa (UI) Libraries' [Research Data Services](#) group works with investigators to [plan data management](#) before a project is initiated, [manage data](#) during research, and [share and preserve research data](#), including [selecting data repositories](#).
  - A [checklist for creating a DMS Plan](#), with links to UI resources and guidance, is available on the UI Research Data Services website.
- The Research Data Services group has extensive experience assisting with DMS Plans and offers workshops and individual consultations to help investigators create well-written plans. Investigators are encouraged to bring a draft of their plan, if they have one, and the FOA to which they are responding.
  - For upcoming workshops and to request individual sessions, [check here](#) or contact Research Data Services at [lib-data@uiowa.edu](mailto:lib-data@uiowa.edu).
  - To schedule an appointment to review your next DMS Plan, contact [brian-westra@uiowa.edu](mailto:brian-westra@uiowa.edu) or [lib-data@uiowa.edu](mailto:lib-data@uiowa.edu).
- The NIH provides several resources to help you [learn about the DMS Policy](#), [write a DMS Plan](#), and [budget for DMS](#). In addition, recordings and slides from informational webinars and Q&A sessions, as well as policy overviews, are available on the [NIH DMS Learning](#) web page, and an online [decision tool](#) is available to help you determine which DMS policies apply to your research project.

Note that NIH program staff recognize that each DMS Plan will need to be customized for the unique types of research that will be undertaken and for the data that will be collected and/or generated by each proposed research project. NIH program staff are ready to work with you to craft or modify your DMS Plan, if needed.

-Brian Westra, UI Libraries  
-Heather Widmayer, SERCC

### Upcoming Opportunities

**Need to make a schematic figure for your next grant or manuscript?** [Contact us](#) to check out our BioRender loaner license for a week.

#### Hardin Open Workshops:

##### NIH Data Management and Sharing Plans

Dec 5, 1:00 pm–2:00 pm (Zoom)

Jan 17, 2:00 pm–3:00 pm (Zoom)

Feb 8, 10:00 am–11:00 am (Zoom)

These plans will be required for NIH funding proposals starting Jan. 25, 2023. This session will help you create a well-written plan by digging into the types of data in your proposed project; standards for data and metadata; how to select a repository; how to address preservation and access requirements; and considerations for accessing, reusing, and redistributing data. Examples and UI and NIH resources will be discussed. Bring your draft plan if you have one.

[Register or request a session for your group](#)

#### Hardin Open Workshops:

##### Data Management Essentials

In this workshop, you will learn how to securely store and organize data, track changes to your files, create accompanying documentation, and submit your data for publication. These strategies will be directly applicable to developing Data Management and Sharing Plans, which will be required by the NIH starting Jan 25, 2023.

[Request a session for your group](#)

#### Creating Data Management Plans with DMPTool

Dec 13, 12:00 pm–1:00 pm CST (Webex)

The DMPTool is a free tool that walks users through creating comprehensive data management plans. This webinar will guide attendees through data management plan basics, creating a DMPTool profile, and exploring available templates and planning resources. This webinar is sponsored by the Network of the National Library of Medicine (NNLM) and by the National Center for Data Services (NCDS).

[Register](#)

#### NSF CAREER Club 2023

December 2022 through June 2023

The NSF CAREER Club is designed to give you the knowledge and resources to craft competitive CAREER applications. Club participants will take part in events and services including editing, graphic design, and review services. Sponsored by the UI Research Development Office.

[More information and timeline](#)

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