

NIH 2023 Data Management and Sharing Policy (DMS Policy)

Effective January 25, 2023.

The NIH Data Management and Sharing (DMS) Policy was released on October 29, 2020, and will take effect on January 25, 2023. Specifically, this date applies to:

- Competing grant applications submitted to NIH on or after January 25, 2023
- Proposals for contracts that are submitted to NIH on or after January 25, 2023
- NIH Intramural Research Projects conducted on or after January 25, 2023
- Other funding agreements (e.g., Other Transactions) that are executed on or after January 25, 2023, unless otherwise stipulated by NIH.

Under the NIH DMS Policy, NIH expects researchers to maximize the appropriate sharing of scientific data, and consider legal, ethical, or technical issues that may limit the extent of data sharing and preservation. All applicants planning to generate scientific data **must prepare a DMS Plan** that describes how the data will be managed and shared. You can find a sample draft of a DMS Plan [here](#).

Individuals receiving NIH funding to generate scientific data must comply with the DMS Policy. This compliance level differs from the 2003 DMS Policy: Previously, only awards totaling \$500,000 per year or more had to comply with the policy. Be sure to check out the complete list of **NIH activity codes subject to the DMS Policy**, as well as the specific funding opportunity announcement, to determine if the DMS Policy applies to an application.

- Scientific data **includes** any data needed to validate and replicate research findings, regardless of whether it is used to support scholarly publications.
- Scientific data **does not include** laboratory notebooks, preliminary analyses, completed case report forms, drafts of scientific papers, plans for future research, peer reviews, communications with colleagues, or physical objects such as laboratory specimens.

Featured UMASS Boston Resources:

ScholarWorks at UMass Boston

The repository is a service of the University of Massachusetts Boston Libraries. In addition to providing an open-access archive of articles and other works that have already been published, the institutional repository is an excellent vehicle for research data and datasets, working papers, conference papers, theses, dissertations, and more. ScholarWorks offers permanent, stable access so that users can cite these archived works without worrying about the content being moved.

Data Management and Sharing on ScholarWorks

ScholarWorks offers long-term storage and public access to the data and datasets produced by labs and researchers at UMass Boston. To learn more and to submit data, visit the Data and Datasets collection on the repository .

If you have questions or need assistance with ScholarWorks, please contact:

Andrew Elder

Interim University Archivist and Curator of Special Collections

617-287-5944 | andrew.elder@umb.edu

What does this mean now?

For due dates on or after January 25, 2023, **ALL** new and competing proposals/renewals that will generate Scientific Data must include a DMSP.

The term Scientific Data is defined in the policy as "The recorded factual material commonly accepted in the scientific community as of sufficient quality to validate and replicate research findings, regardless of whether the data are used to support scholarly publications."

Initial Steps

- Determine whether this NIH policy applies to you: If you are uncertain about whether this policy applies to your research, then please visit NIH's page [Research Covered Under the Data Management & Sharing Policy](#) for more information or contact the Office of Research and Sponsored Programs (ORSP).
- Set your timeline: If you have an active NIH award going up for renewal with a receipt date of January 2023, or if you are planning to submit an NIH proposal in 2023, then developing a DMSP should be a high priority, especially if you are working with external collaborators as it may take time to set up appropriate data procedures or agreements.
- Read through this page: Start to familiarize yourself with the [updated Policy](#) (including the supplements).
- Evaluate your own project and data management practices. Review your own project and data management practices relative to the policy (see the NIH-provided supplements below), especially around documenting existing practices and developing new ones to address the increased emphasis on data sharing and administrative oversight.
- Review ScholarWorks at UMass Boston, which is managed by the Healey Library. Evaluate whether [ScholarWorks](#) meets your Data Management and Sharing needs, and consider costs you may need to budget for, such as labor for data cleaning and documentation.

What should be included in my Data Management and Sharing Plan?

The DMSP must include the following essential Elements and may not exceed two pages:

- Data Type
- Related Tools, Software, and/or Code
- Standards
- Data Preservation, Access, and Associated Timelines
- Access, Distribution, or Reuse Considerations
- Oversight of Data Management and Sharing.

Plans should be updated throughout the award.

See [Supplemental Information to the NIH Policy for Data Management and Sharing: Elements of an NIH Data Management and Sharing Plan](#) and [Writing a Data Management & Sharing Plan](#) for a detailed description of these Elements.

What does this mean at the proposal stage?

For due dates on or after January 25, 2023, ALL new and competing proposals/renewals that will generate Scientific Data must include a DMSP.

What does this mean at the Just-In-Time (JIT) stage?

If more information for the Data Management and Sharing Plan (DMSP) is needed after proposal submission and the Plan was not approved by NIH, then applicants will be notified that more information is needed at JIT stage. Applicants must communicate with their Program Officer and/or Grants Management Specialist to resolve any issues with the DMSP. Additionally, this may also require an institutionally approved and revised DMSP prior to submission to the sponsor.

What does this mean at the award stage?

At the award stage, recipients must comply with the version of the Data Management and Sharing Plan (DMSP) that was approved by the funding NIH Institution. However, DMSPs may be updated during regular reporting intervals as part of the annual Research Performance Progress Report (RPPR) process. Any changes to the DMSP must be approved by the NIH.

When do I need to submit my Data Management and Sharing Plan (DMSP)?

Extramural (grants): as a single PDF attachment to the “Other Plan(s)” field on the PHS 398 Research Plan or PHS 398 Career Development Award Supplemental Form.

Additionally, a brief summary and associated costs should be submitted as part of the Budget and Budget Justification (see [Budgeting for Data Management and Sharing](#) and [NDA Cost Estimation Tool](#)).

- **Extramural (contracts):** as part of the technical evaluation
- **Intramural:** determined by the Intramural Research Program
- **Other funding agreements:** prior to the release of funds

If you have any questions regarding these changes, please contact ORSP at orsp@umb.edu

Office of Research & Sponsored Programs

Healey Library 10th Floor, Suite 26

Phone: 617 287 5370

Email: orsp@umb.edu

Website: www.umb.edu/orsp

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