

# NIH Data Management & Sharing Policy Virtual Information Session January 12, 2023

Research Data Management & Sharing Working Group

Co-Chaired by representatives at BU from the University Libraries, Information Services & Technology (IS&T), and the Office of Research:

Ashley Jester, Associate University Librarian for Research & Learning, BU Libraries

Wayne Gilmore, Director of Research Computing, BU IS&T

Suzanne Rocha, Associate Director, BU Sponsored Programs



# Agenda

- Overview of the new NIH Policy for Data Management & Sharing
- Data Management Plan Format and DMPTool
- Data Repositories and Other Resources
- Questions and Answers

# Research Data Management & Sharing Working Group

Daniel DiMatteo	BMC Research Technology Program
Caitlin Gaudreau	BMC Research Technology Program
Kate Flewelling	BUMC Alumni Medical Library
Helia Morris	BU Clinical & Translational Science Institute
Ernie Perez	BUMC IT
Jacqueline Presedo	BMC Research Compliance
Pamela Richmond	BU Research Compliance
Vanessa Rubin	BMC Sponsored Programs
LaTina Watson	BMC Research Compliance
Jami Wood	BMC Research Compliance

# Overview of NIH Policy Changes for Data Management & Sharing

# BU Resources for NIH Data Management & Sharing

<https://www.bu.edu/researchsupport/compliance/bu-resources-for-nih-data-management-sharing/>

**BU** Research Support

- Project Lifecycle
- Compliance**
- Forms & Policies
- Training & How To
- Safety
- Tools & Services
- News
- Contact

### NIH Policy Overview

View the NIH Policy for Data Management & Sharing to learn what is expected of investigators and institutions.

[LEARN MORE](#)

### BU Library NIH DMS Guide

This library guide includes information about the updated guidance from the NIH about data management and sharing

[LEARN MORE](#)

### Make your plan with DMP Tool

Learn more about the six elements of the Data Management & Sharing Plan

[LEARN MORE](#)

### NIH FAQs

Review the NIH's frequently asked questions about the DMS policy.

[LEARN MORE](#)

### Contact

If you have questions, resource suggestions or other ideas about how we can help researchers understand this policy, please fill out this form.

[CONTACT US](#)

# NIH Policy for Data Management and Sharing (DMS Policy)

- **Submission** of Data Management & Sharing Plan with all applications for funding beginning January 25, 2023
  - Implementation Details for the NIH Data Management and Sharing Policy: [NOT-OD-22-189](#)
  - Final NIH Policy for Data Management and Sharing: [NOT-OD-21-013](#)
- Incorporated into new FORMS-H application format
- **Compliance** with the Data Management and Sharing Plan approved by the funding NIH Institute, Center, or Office
- **DMS Policy:** Applies to all research, funded or conducted in whole or in part by NIH, that results in the generation of “scientific data”

“**Scientific data**” is defined 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.”*

<p align="center"><b>Policy</b></p> <p align="center">applies to proposals submitted before 1/24/2023</p>	<p align="center"><b>New Policy</b></p> <p align="center">applies to proposals submitted on/after 1/24/2023</p>	<p align="center"><b>New Policy Notes</b></p>
<p align="center"><b>Inclusion in Proposal</b></p>		
<p>Data sharing plan is required in applications that amount to \$500,000 in any budget period, or if specifically called out as a requirement in guidelines</p>	<p>DMS Plan is required with every application for research projects regardless of amount. This includes all 'R' applications, some Career Development (K), SBIR/STTRs, Research Centers</p>	<p>Does not apply to Training (T), Fellowships (F), Certain non-research Career Awards (e.g., KM1), Construction (C06), Conference Grants (R13), Resources (Gs), Research Related Infrastructure Programs (S06)</p>
<p align="center"><b>Length and Details</b></p>		
<p>A brief 1-paragraph description of how final research data will be shared, or explain why data-sharing is not possible</p>	<p>Recommended to be two pages or less in length and 6 key elements must be included:</p> <ol style="list-style-type: none"> <li>1) Data Type</li> <li>2) Related tools, software, or code</li> <li>3) Standards</li> <li>4) Data preservation, access, and associated timelines</li> <li>5) Access, distribution, or reuse considerations</li> <li>6) Oversight of data management and sharing</li> </ol>	<ul style="list-style-type: none"> <li>– template provided, not required</li> <li>– 'to be determined' is not an acceptable response</li> <li>– hypertext (e.g., hyperlinks and URLs) are not allowed</li> </ul>

<p align="center"><b>Policy</b></p> <p align="center">applies to proposals submitted before 1/24/2023</p>	<p align="center"><b>New Policy</b></p> <p align="center">applies to proposals submitted on/after 1/24/2023</p>	<p align="center"><b>New Policy Notes</b></p>
<p align="center"><b>Budget</b></p>		
<p>Applicants may request funds for data sharing in the budget and budget justification sections of their applications.</p> <p>Funds may be needed for:</p> <ul style="list-style-type: none"> <li>- Preparing the dataset</li> <li>- Preparing the associated documentation</li> <li>- Providing support to data users</li> <li>- Archival costs</li> </ul>	<p>Applicants may request funds toward data management and sharing in the budget and budget justification sections of their applications.</p> <p>Funds may be needed for:</p> <ul style="list-style-type: none"> <li>- Curating data</li> <li>- Developing supporting documentation</li> <li>- Formatting data according to accepted community standards, or for transmission to and storage at a selected repository for long-term preservation and access</li> <li>- De-identifying data</li> <li>- Preparing metadata to foster discoverability, interpretation, and reuse</li> <li>- Local data management considerations</li> <li>- Preserving and sharing data through established repositories, such as data deposit fees</li> </ul>	<p>To request funds toward DMS costs, investigators should include:</p> <ol style="list-style-type: none"> <li>1) A line item in the budget form</li> <li>2) A brief summary of the DMS Plan and a description of the requested DMS costs in the budget justification</li> <li>3) All allowable costs submitted in budget requests must be <b>incurred during the performance period</b>, even for scientific data and metadata preserved and shared beyond the award period.</li> </ol>



<b>Policy</b> applies to proposals submitted before 1/24/2023	<b>New Policy</b> applies to proposals submitted on/after 1/24/2023	<b>New Policy Notes</b>
<b>Assessment</b>		
Data sharing plan is not a review component for award issuance	Applications selected for funding will only be funded if the DMS Plan is complete and acceptable. Program staff at the proposed NIH Institute or Center (IC) will assess DMS Plans to ensure <u>reasonableness of the plan</u> . If revisions are needed, this will be addressed at the JIT phase.	During peer review, reviewers will not be asked to comment on the DMS Plan nor will they factor the DMS Plan into the Overall Impact score
<b>Compliance</b>		
Data sharing plans not typically called out within official Notice of Award (NOA)	<ul style="list-style-type: none"> <li>● The Plan will become a Term and Condition of the Notice of Award (NOA).</li> <li>● Failure to provide updates in progress reports may result in enforcement actions, including the addition of special terms and conditions or award termination.</li> <li>● Failure to deposit data after the end of the funding period may negatively influence future opportunities.</li> </ul>	

# DMS Plan Submission

- A new “**Other Plan(s)**” field will be added to the PHS 398 form to collect a single PDF attachment.
- Data Sharing Plans and Genomic Data Sharing Plans (GDS) will no longer be submitted to the “Resource Sharing Plan(s)” field.

Research Plan Section			
5. Vertebrate Animals	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
6. Select Agent Research	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
7. Multiple PD/PI Leadership Plan	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
8. Consortium/Contractual Arrangements	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
9. Letters of Support	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
10. Resource Sharing Plan(s)	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
<b>11. Other Plan(s)</b>	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
12. Authentication of Key Biological and/or Chemical Resources	<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>

DMS Plan format page will be added to list of [Format Pages](#) and incorporated into FORMS-H application instructions

# Submitting DMS Budgets

- Direct costs to support the activities proposed in the DMS Plan must be indicated as **“Data Management and Sharing Costs”**
  - **R&R Budget Form:** line item in section F. Other Direct Costs.
  - Brief summary of DMS Plan and description of DMS costs must be **included within the budget justification attachment.**

F. Other Direct Costs		Funds Requested (\$)
1.	Materials and Supplies	
2.	Publication Costs	
3.	Consultant Services	
4.	ADP/Computer Services	
5.	Subawards/Consortium/Contractual Costs	
6.	Equipment or Facility Rental/User Fees	
7.	Alterations and Renovations	
8.	<b>Data Management and Sharing Costs</b>	
9.		
10.		

- **PHS 398 Modular Budget Form:** within Additional Narrative Justification

2. Budget Justifications			
Personnel Justification	<input type="text"/>	Add Attachment	Delete Attachment View Attachment
Consortium Justification	<input type="text"/>	Add Attachment	Delete Attachment View Attachment
<b>Additional Narrative Justification</b>	<input type="text"/>	Add Attachment	Delete Attachment View Attachment

# DMS Plan Format and DMPTool

# Format of a DMS Plan

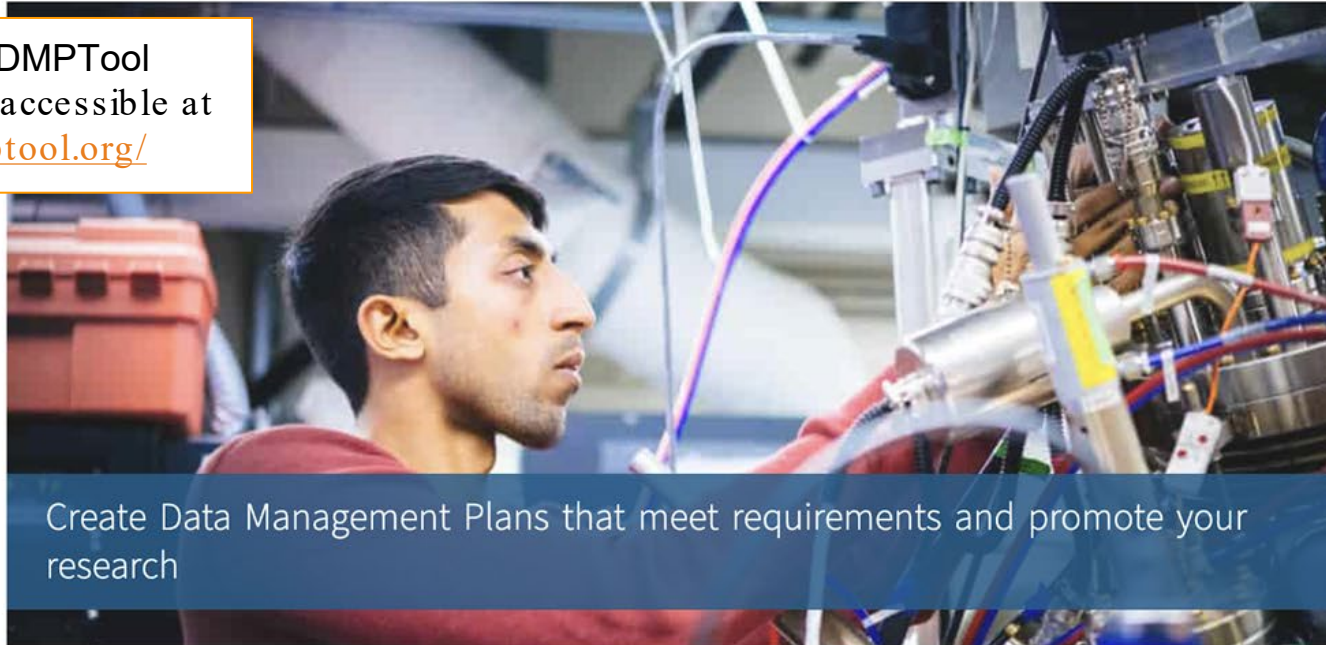
- ✓ Plans should be no more than **2 pages** in length
- ✓ Optional template is available now
- ✓ 6 key elements must be included:
  - 1) Data Type
  - 2) Related tools, software, or code
  - 3) Standards
  - 4) Data preservation, access, and associated timelines
  - 5) Access, distribution, or reuse considerations
  - 6) Oversight of data management and sharing



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Language ▾

This is the DMPTool homepage accessible at <https://dmptool.org/>



Sign in / Sign up

Email address \*

For SSO, use institutional address.

Continue

Problems signing in? Contact us.



83,460 Users



362 Participating Institutions



80,712 Plans

Latest News from DMPTool

Supporting the upcoming NIH data sharing requirements with my DMPTool

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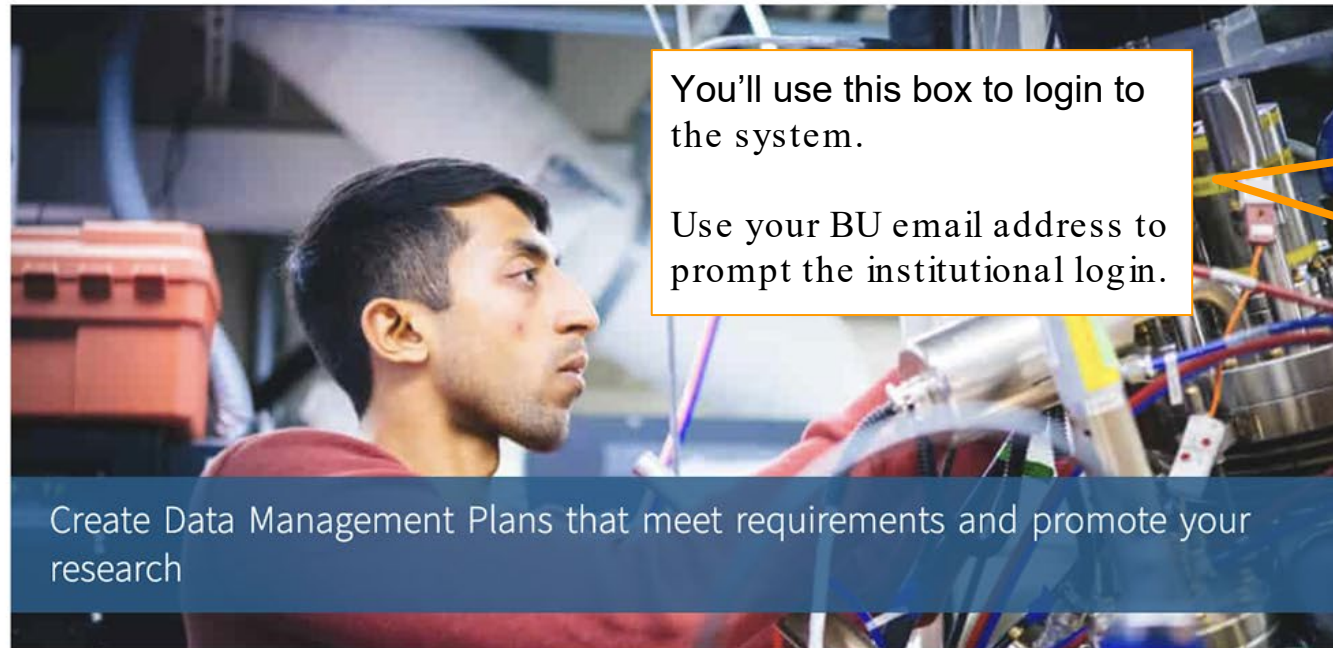
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You'll use this box to login to the system.  
Use your BU email address to prompt the institutional login.

Sign in / Sign up

Email address \*

For SSO, use institutional address.

Continue

Problems signing in? Contact us.

  
83,460 Users

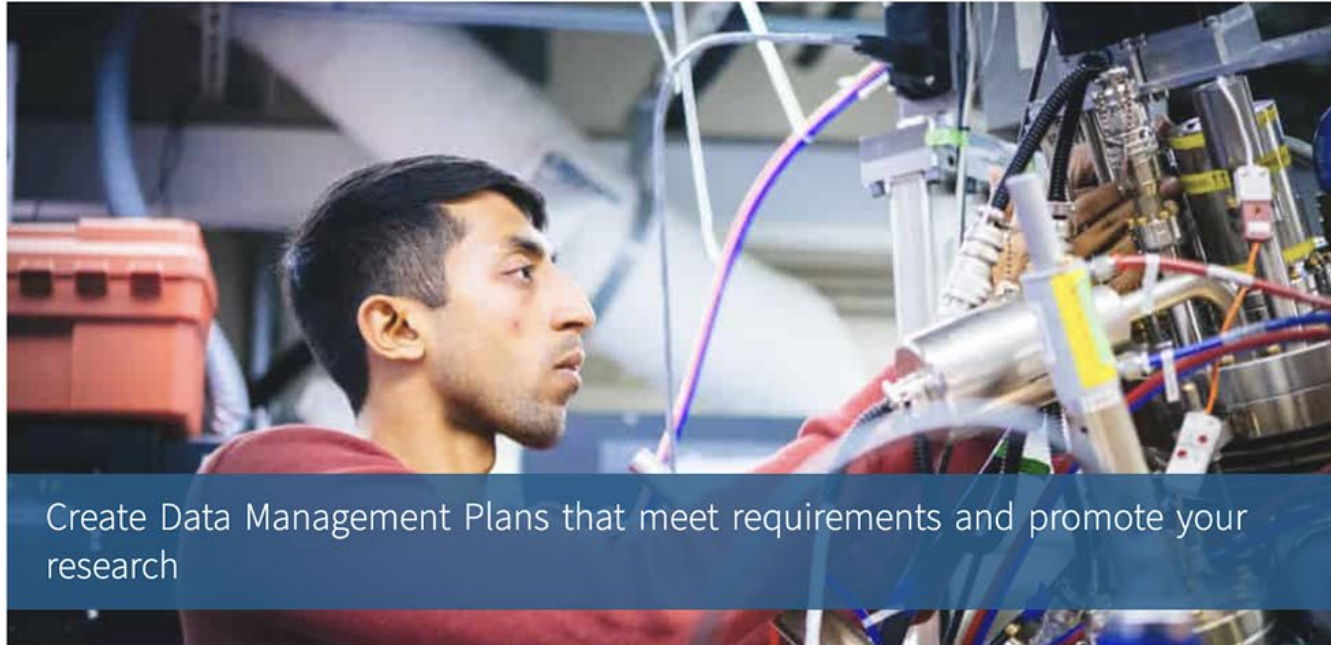
  
362 Participating Institutions

  
80,712 Plans

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Things to know about the updated DMPTool website

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**Sign in**

**Email address**

Your address is associated with:

**Boston University**

[Sign in with Institution \(SSO\)](#)

[Sign in with non SSO](#)

[Go back](#)

[Problems signing in? Contact us.](#)



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362 Participating Institutions



80,712 Plans

Latest News from DMPTool

Supporting the upcoming NIH data sharing requirements with the DMPTool

[View all news](#)

You should see "Boston University" and an option to sign in with your institution (SSO).





 Login

This is the familiar BU Login screen where you'll enter your BU credentials.

[Continue](#)


You have asked to login to DMPTool Production Instance



### Two-Step Login Started

Boston University uses software from Duo to protect your information. Please follow the steps below to complete the login process.

You'll need to use Two-Step authentication for the DMPTool.

Settings  
Device:   
  
  
  

Pushed a login request to your device...



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Successfully signed in

## My Dashboard

The table below lists the plans that you have created, and that have been shared with you by others. You can edit, share, download, make a copy, or remove these plans at any time.

Project Title	Template	Edited	Role	Test	Visibility	Shared	
Bilateral trade balances	NSF-SBE: Social, Behavioral, Economic Sciences	11-04-2022	Owner	<input type="checkbox"/>	Private	No	Actions
RDS Test Project	NIH-GEN DMSP (Forthcoming 2023)	10-11-2022	Owner	<input checked="" type="checkbox"/>	N/A	No	Actions

Create plan

Once you've signed in successfully, you'll land on your dashboard page inside of DMPTool. Any existing plans will be displayed here.

Click "Create plan" get started with a new plan.



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## 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?

mock project for testing, practice, or educational purposes

### \* Select the primary research organization

Research organization

- or -

No research organization associated with this plan or my research organization is not listed

### \* Select the primary funding organization

Funder

- or -

No funder associated with this plan or my funder is not listed

[Create plan](#) [Cancel](#)

When you create a new plan, you'll see this page. It should automatically have added Boston University as your research organization based on your institutional access.  
  
You can start by adding a title.



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### \* What research project are you planning?

Memory loss and recovery after traumatic brain injury

mock project for testing, practice, or educational purposes

### \* Select the primary research organization

Research organization

Boston University

- or -

No research organization associated with this plan or my research organization is not listed

### \* Select the primary funding organization

Funder

NIH

National Institutes of Health (nih.gov)

Create plan

Cancel

- or -

No funder associated with this plan or my funder is not listed

Start typing the name of your funding agency in this box to bring up suggestions.

Typing NIH will bring up the National Institutes of Health (nih.gov); select this agency if you are working on a plan for a NIH-funded proposal.



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Research organization

Boston University

- 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-GDS: Genomic Data Sharing
- NIH-GEN DMSP (Forthcoming 2023)
- NIH-GEN: Generic (Current until 2023)

We found multiple DMP templates corresponding to your funder.

Once you've selected a funder, a new menu will appear that displays that funder's templates. Select the NIH-GEN DMSP (Forthcoming 2023).



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- 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-GEN DMSP (Forthcoming 2023)

We found multiple DMP templates corresponding to your funder.

Click "Create plan" to move to the next step using the selected template.



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Successfully created the plan.  
This plan is based on the National Institutes of Health (nih.gov): 'NIH-GEN DMSP (Forthcoming 2023)' template.

## Memory loss and recovery after traumatic brain injury

Project Details Collaborators Write Plan Research outputs Download Finalize / Publish

**Project title \***  
Memory loss and recovery after traumatic brain injury

mock project for testing, practice, or educational purposes

**Project abstract**

B I [List icons] [Link icon] [Table icon]

**Research domain**  
- Please select one -

**Project Start** mm/dd/yyyy **Project End** mm/dd/yyyy

Once you've successfully created your new plan, you'll land on the Project Details tab of the plan creation process.

You can begin to add the details of your plan, including the abstract and any existing funding information.

To help you write your plan, DMPTool can show you guidance from a variety of organizations.

Select up to 6 organizations to see their guidance.

- Boston University
- DMPTool

Find guidance from additional organizations below

[See the full list](#)



**Research domain**  
- Please select one -

**Project Start**  **Project End**

Research outputs may have ethical concerns

**Funder**  
  
 I cannot find my funder in the list

**Funding status**  
- Please select one -

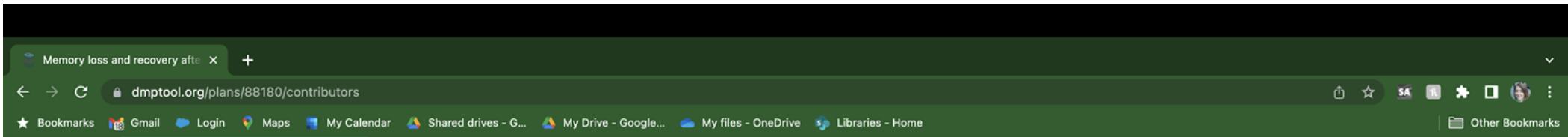
**Funding opportunity number**

**Grant number/url**

If this is building on existing work, you can add information about those projects here.

**Related works**

+ Add a related work



## Memory loss and recovery after traumatic brain injury

Project Details Collaborators Write Plan Research outputs Download Finalize / Publish

### Project Contributors

Please list the project's Principal Investigator(s) and those responsible for data management.

No contributors have been defined.

[Add a contributor](#)

### DMP Collaborators

Invite specific people to read, edit, or administer your plan. Invitees will receive an email notification that they have access to this plan.

Email address	Permissions
ajester@bu.edu	Owner

### Invite collaborators

Email \*

Permissions \*

Co-owner

Editor

Read only

[Submit](#)

The Collaborators tab is where you can add project contributors, including co-investigators using the “Add a contributor” button.

This tab also allows you to add DMP Collaborators who will be given access to the plan within DMPTool so that they can make direct contributions and edits.

You will see yourself as the owner; anyone you invite as a collaborator will appear in this list with the associated permissions.



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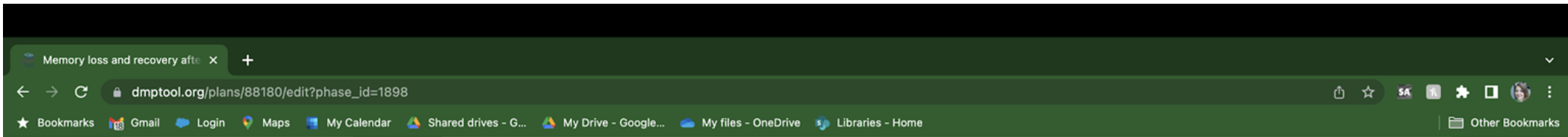
## Memory loss and recovery after traumatic brain injury

Project Details Collaborators **Write Plan** Research outputs Download Finalize / Publish

This plan is based on the "NIH-GEN DMSP (Forthcoming 2023) " template provided by National Institutes of Health (nih.gov) - (ver: 5, pub: 2022-11-15).  
expand all | collapse all 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) +

This is the most important tab in this section. Here you will find the six elements of the new NIH data management and sharing guidance. Each section expands to provide detailed guidance and walks you through the process step-by-step.



This plan is based on the "NIH-GEN DMS (Forthcoming 2023)" template provided by National Institutes of Health (nih.gov) - (ver: 5, pub: 2022-11-15).

expand all | collapse all

0/12

— Data Type (0 / 3)

Briefly describe the scientific data to be managed, preserved, and shared.

Types and amount of scientific data expected to be generated in the project: *Summarize the types and estimated amount of scientific data expected to be generated in the project.*

Describe data in general terms that address the type and amount/size of scientific data expected to be collected and used in the project (e.g., 256-channel EEG data and fMRI images from ~50 research participants). Descriptions may indicate the data modality (e.g., imaging, genomic, mobile, survey), level of aggregation (e.g., individual, aggregated, summarized), and/or the degree of data processing that has occurred (i.e., how raw or processed the data will be)

Each section expands to provide incredibly detailed guidance, including model language, with links to the NIH specifications and definitions. You do not need to leave this tool to access the guidance and comments.

If you complete each section, you will addressed all the six required elements of the new NIH guidance.

Example answer

This project will produce \_\_\_\_\_ [Data type, e.g., imaging, sequencing, experimental measurements] data generated/obtained from \_\_\_\_\_ [e.g., instrument, method, survey, experiment, data repository]. Data will be collected from \_\_\_ [number] of research participants/specimens/experiments, generating \_\_\_ [number] datasets totaling approximately \_\_\_ [amount of data] in size. The following data files will be used or produced in the course of the project: \_\_\_\_\_ [list input data files, intermediate files, and final, post-processed files]. Raw data will be transformed by \_\_\_ [analysis, method] and the subsequent processed dataset used for statistical analysis. To protect research participant identities, \_\_\_\_\_ [e.g., individual, aggregated, summarized] data will be made available for sharing.

Scientific data that will be preserved and shared, and the rationale for doing so: *Describe which scientific data from the project will be preserved and shared and provide the rationale for this decision.*



Guidance Comments

NIH DMPTool

NIH Guidance

The final DMS Policy has specific definitions for what Scientific Data is, and what proposals are considered to be producing scientific data.

Per the Policy, "Even those scientific data not used to support a publication are considered scientific data and within the final DMS Policy's scope. We understand that a lack of publication does not necessarily mean that the findings are null or negative; however, indicating that scientific data are defined independent of publication is sufficient to cover data underlying null or negative findings."

Additional Guidance

Research projects vary widely in the types of data produced. In this section, you will describe the categories, amounts, and degree of processing of your data.

Guidance Comments



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## Memory loss and recovery after traumatic brain injury

Project Details Collaborators Write Plan **Research outputs** Download Finalize / Publish

[View all research outputs](#)

### New research output

Type \*

- ✓ - Please select one -
- Audiovisual
- Collection
- Data paper
- Dataset
- Event
- Image
- Interactive resource
- Model representation
- Physical object
- Service
- Software
- Sound
- Text
- Workflow
- Other

Abbreviation

May contain sensitive data?  May contain personally identifiable information?

Intended repositories

The Research outputs and Finalize/Publish tabs are optional as they are not part of the NIH requirements.

If you want to use the Research Outputs section, you can add information about all the outputs you expect to generate, including datasets.



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## Memory loss and recovery after traumatic brain injury

Project Details Collaborators Write Plan Research outputs **Download** Finalize / Publish

- csv
- html
- pdf
- text
- docx**
- json

**Download settings**

Optional plan components

- project details coversheet
- section headings
- question text (will only display your answers)
- unanswered questions

Download Plan

From the Download tab, you can export a copy of your data management and sharing plan in a range of file formats. Depending on the format you choose, different export options will appear.

We strongly recommend choosing the .docx/Word version since you will have the ability to easily edit the file after download as needed before submission.



## Memory loss and recovery after traumatic brain injury

Project Details Collaborators Write Plan Research outputs Download **Finalize / Publish**

### Set plan visibility

Public or organizational visibility is intended for finished plans. You must answer at least 50% of the questions to enable these options. Note: test plans are not eligible for public or organizational visibility.

- Private: visible to me, specified collaborators and administrators at my organization
- Organization: anyone at my organization can view
- Public: anyone can view

Save

### Register your plan and add to ORCID

Get a [DMP ID](#) for your data management plan.

In order to register your plan you must have completed the following:

- answered at least 50% of questions
- identified your funder
- linked your DMPTool account to your ORCID via your [Third party applications page](#)
- plan is not a mock project for testing, practice, or educational purposes

Once the steps above are satisfied, a button to register your plan will appear here.

Your work is saved automatically as a private plan while you go. Once you've finished your plan, if you want to share it, either within BU or publicly, you can make that selection on this page.

This page also allows you to register completed plans, obtaining a DMP ID (using a DOI) that can be added to your ORCID record.



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Edit profile  
**3rd party applications**  
Developer tools  
Sign out

## My Dashboard

The table below lists the plans that you have created, and that have been shared with you by others. You can edit, share, download, make a copy, or remove these plans at any time.

Project Title	Template	Edited	Role	Test	Visibility	Shared	
Memory loss and recovery after traumatic brain injury	NIH-GEN DMSP (Forthcoming 2023)	01-04-2023	Owner	<input type="checkbox"/>	Private	No	Actions
Bilateral trade balances	NSF-SBE: Social, Behavioral, Economic Sciences	11-04-2022	Owner	<input type="checkbox"/>	Private	No	Actions

Create plan

Once you've completed your plan, you can return to your dashboard, where you'll see your plan listed.

The dashboard is also where you can access the 3rd party applications menu that allows you to connect your ORCID iD to DMPTool.







Build your Data Management Plan

[My Dashboard](#) [Create Plan](#) [Funder Requirements](#) [Public DMPs](#) [Help](#)

Ashley Jester Language



[BU Resources for NIH Data Management & Sharing](#)

Admin

## 3rd Party Applications

### ORCID

Authorize DMPTool to fetch your ORCID iD and add DMPs to your ORCID record.

[Create or connect your ORCID iD](#)

When you access 3rd Party Applications, you will see the option to create or connect your ORCID iD.

This is the ORCID sign in screen; you can sign into your existing account or create an ORCID iD if you don't have one.

Sign in


Email or 16-digit ORCID iD  
example@email.com or 0000-0001-2345-6789


Password


**SIGN IN**

[Forgot your password or ORCID ID?](#)  
Don't have an ORCID iD yet? [Register now](#)

or

 **Access through your institution**

 **Sign in with Google**

 **Sign in with Facebook**



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✓ Your account has been successfully linked to ORCID.

## 3rd Party Applications

ORCID  
<https://orcid.org/0000-0003-1523-913X>

Once you've made the linkage, you'll see your ORCID iD displayed on this page.



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## Funder Requirements

Templates for data management plans are based on the specific requirements listed in funder policy documents. The DMPTool maintains these templates, however, and policy documents directly for authoritative guidance. Sample plans are provided by a funder or another trusted party.

You can access current guidance directly from the Funder Requirements page.

 Search

Template Name	Download	Organization name	Last Updated	Funder Links	Create a new plan	Sample Plans (if available)
Alfred P. Sloan Foundation		Alfred P. Sloan Foundation (sloan.org)	10-25-2021	Sloan Grant Proposal Guidelines		
Arctic Data Center: NSF Polar Programs		National Science Foundation (nsf.gov)	10-25-2021	NSF Arctic Data Center DMP Resources NSF Proposal & Award Policies & Procedures Guide (PAPPG)		
BCO-DMO NSF OCE: Biological and Chemical Oceanography		National Science Foundation (nsf.gov)	10-25-2021	NSF OCE Sample and Data Policy NSF GEO Directorate Guidance		
DataWorks! Data Management and Sharing Plan Challenge		Federation of American Societies for Experimental Biology (faseb.org)	12-09-2021	Call for Submissions to the DataWorks! Data Management and Sharing Plan Challenge Final NIH Policy for Data Management and Sharing Elements of an NIH Data Management and Sharing Plan Selecting a Repository for Data Resulting from NIH-Supported Research Allowable Costs for Data Management and Sharing		
Department of Defense (DOD)		United States Department of Defense (DOD) (defense.gov)	10-25-2021	DOD Public Access Plan Data Archiving Plans for NIJ Funding Applicants		
Department of Energy (DOE): Generic		United States Department of Energy (DOE) (energy.gov)	10-25-2021	DOE Policy for Digital Research Data Management DOE Suggested Elements for a Data Management Plan DOE Office of Science Statement on Digital Management		



You can access shared plans from this link.

## Public Plans

Public DMPs are plans created using the DMPTool service and shared publicly by their owners. They are not vetted for quality, completeness, or adherence to funder guidelines.

### Find a plan...

Search



Clear Search

Funder (62)



Institution (207)



Language (2)



Subject (40)



No filters applied

Clear Filters

### Plans (810)

Sort by: **Featured**

<b>FEATURED</b>	DataWorks! Data Management and Sharing Plan Challenge FAIR annotated dataset of stroke MRIs, CTs, and metadata Andreia Faria, Johns Hopkins University (jhu.edu)	DMP ID: <a href="#">10.48321/D1J31B</a> Creation date: 10-14-2022 Language: English (US)
<b>FEATURED</b>	Arctic Data Center: NSF Polar Programs Coastal Ocean Processes of North Greenland Andreas Muenchow, University of Delaware (udel.edu)	DMP ID: <a href="#">10.48321/D1R316</a> Creation date: 08-08-2022 Language: English (US)
<b>FEATURED</b>	Digital Curation Centre (português) Compatibilização entre açós/concretos inovadores: Uma abordagem interdisciplinar e multiescala Guilherme Koga, Universidade Federal de São Carlos (ufscar.br)	DMP ID: <a href="#">10.48321/D10601</a> Creation date: 03-15-2022 Language: English (US)
<b>FEATURED</b>		

BU Resources for NIH Data Management & Sharing

bu.edu/researchsupport/compliance/bu-resources-for-nih-data-management-sharing/

BU Research Support

Home > Compliance >

# BU Resources for NIH Data Management & Sharing

PRINT

The National Institutes of Health (NIH) issued its final NIH Policy for Data Management and Sharing (DMS Policy) to promote the management and sharing of scientific data generated from NIH-funded or conducted research. The new policy applies to applications with receipt dates on/after January 25, 2023. Please see the pages below and stay tuned for upcoming events and resources as more information becomes available.

- NIH Policy Overview**  
View the NIH Policy for Data Management & Sharing to learn what is expected of investigators and institutions.  
[LEARN MORE](#)
- BU Library NIH DMS Guide**  
This library guide includes information about the updated guidance from the NIH about data management and sharing.  
[LEARN MORE](#)
- Make your plan with DMP Tool**  
Learn more about the six elements of the Data Management & Sharing Plan.  
[LEARN MORE](#)

DMS-Plan-bl...docx

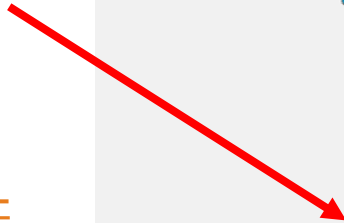
Show All

<https://www.bu.edu/researchsupport/compliance/bu-resources-for-nih-data-management-sharing/>

# Data Repositories and Other Resources

Detailed information on **Where, When, and How** to share data can be found in the BU NIH Data Management & Sharing Policy Research Guide:

[https://library.bu.edu/NIH\\_DMS#s-lg-box-29797601](https://library.bu.edu/NIH_DMS#s-lg-box-29797601)



BU Libraries

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# Research Guides

Search research guides

Main Site BU Libraries Search Research Guides

Boston University Libraries / Research / Guides / NIH 2023 Data Management and Sharing Policy / NIH 2023 DMS Policy

## NIH 2023 Data Management and Sharing Policy

Information about the updated guidance from the NIH about data management and sharing

### NIH 2023 DMS Policy

- The 2023 NIH Data Management and Sharing Policy
- What do I need to do?
- Data sharing**
- Where do I share my data?
- When do I need to share my data?
- How do I prepare my data for sharing?
- How can I estimate the budget for managing and sharing my data?
- How will compliance be monitored?
- BU Computing and Data Support Services
- NIH Guidance
- Data Management Plan Examples
- Acknowledgment

### Webinars and Other Resources

### The 2023 NIH Data Management and Sharing Policy

Previously, the NIH only required grants with \$500,000 per year or more in direct costs to provide a brief explanation of how and when data resulting from the grant would be shared.


**NIH** The 2023 NIH policy is entirely new. Beginning **January 25, 2023**, ALL grant applications or renewals that generate Scientific Data must include a **robust and detailed plan** for managing and sharing data during the entire funded period. This includes information on data storage, access policies/procedures, preservation, metadata standards, distribution approaches, and more. You must provide this information in a **data management and sharing plan (DMSP)**. The DMSP is similar to what other funders call a data management plan (DMP).

The **DMSP** will be assessed by NIH Program Staff (though peer reviewers will be able to comment on the proposed data management budget). The Institute, Center, or Office (ICO)-approved plan becomes a Term and Condition of the Notice of Award.

### What do I need to do?

A **Data Management & Sharing Plan (DMSP)** must be submitted as part of the funding application for **all new and competing proposals/renewals** that generate Scientific Data for **January 25, 2023**, and subsequent receipt dates. 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. Scientific data do 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."*


### Associate University Librarian for Research & Learning



**Ashley Jester**  
she/her/hers

Email Me

### Get help from BUMC Library



**Kate Flewelling**  
she/her

Email Me

Contact:



# Choosing a Data Repository

## Supplemental Information to the NIH Policy for Data Management and Sharing: Selecting a Repository for Data Resulting from NIH-Supported Research

Notice Number:

NOT-OD-21-016

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-016.html>

The screenshot shows the NIH website interface. At the top, there is a search bar labeled 'Search NLM' and navigation tabs for 'PRODUCTS AND SERVICES', 'RESOURCES FOR YOU', 'EXPLORE NLM', and 'GRANTS AND RESEARCH'. Below this is the 'Trans-NIH BioMedical Informatics Coordinating Committee (BMIC)' header, with sub-links for 'BMIC Home' and 'NIH CDE Repository'. The main content area is titled 'Open Domain-Specific Data Sharing Repositories' and includes a paragraph explaining that the table lists NIH-supported domain-specific data repositories. Below the text is a table with the following structure:

ICO	Repository Name	Repository Description	Data Submission Policy	Access to Data
Common Fund	Metabolomics Workbench (MetWB)	The Metabolomics Program's Data Repository and Coordinating Center (DRCC), housed at the San Diego Supercomputer Center (SDSC), University of California, San Diego, has developed the Metabolomics Workbench. MetWB will serve as a national and international repository for metabolomics data and metadata and will provide analysis tools and access to metabolite standards, protocols, tutorials, training, and more.	How to submit data to MetWB	How to access MetWB data
Common Fund	Stimulating Peripheral Activity to Relieve Conditions Portal (SPARC)	The SPARC Portal provides interactive access to a growing collection of data, maps, and computational studies that focus on the role of the autonomic nervous system in controlling organ function. These resources are made available to the public with the intent of advancing bioelectronic medicine towards more precise treatment of	How to submit data to SPARC	How to access SPARC data

For some programs and types of data, NIH ICO's and Funding Opportunity Announcements ***identify particular data repositories*** to be used to preserve and share data.

Primary consideration should be given to data repositories that are discipline or data-type specific. **A list of NIH recommended data repositories can be found here:**

[https://www.nlm.nih.gov/NIHbmic/domain\\_specific\\_repositories.html](https://www.nlm.nih.gov/NIHbmic/domain_specific_repositories.html)

# Choosing a Data Repository

There are many **generalist repositories** available to researchers.

[https://www.nlm.nih.gov/NIHbmic/generalist\\_repositories.html](https://www.nlm.nih.gov/NIHbmic/generalist_repositories.html)



**Smaller datasets (up to 2GB in size)** many be included as supplementary material submitted to **PubMed Central**

**Very small data sets (<100MB)** can be shared through **OpenBU** managed by BU Libraries.

Many of the above repositories providing pricing guides for researchers for inclusion in their budgets.

The Data Management & Sharing Working Group will be surveying the landscape of data sharing solutions and provide recommendations on possible future service offerings in this area.

# BU Computing and Data Support Services

Many resources are available to researchers for analyzing their data, managing study data and reporting, and development of software products for their research. A partial list includes:

## Research Computing Services (RCS)

Housed within Information Services & Technology, RCS provides researchers with large-scale computing and storage services, such as the Shared Computing cluster (SCC), coupled with consulting, programming assistance, and training to support a wide range of scientific disciplines across BU.

<https://www.bu.edu/tech/services/research/>

## Software Application & Innovation Lab (SAIL)

Housed within the Hariri Institute of Computing, SAIL is a professional research, software engineering, and consulting lab that acts as both a driver and collaborative partner for computational and data-oriented research efforts across BU.

<https://sail.bu.edu/>

## Biostatistics and Epidemiology Data Analytics Center (BEDAC)

Housed within the School of Public Health, BEDAC provides research services to BU investigators and government, foundation and industry partners. Core areas include project and data management, study monitoring and reporting, biostatistics and epidemiology, data sciences, and geospatial technologies.

<https://www.bu.edu/sph/research/biostatistics-and-epidemiology-data-analytics-center-bedac/>

## Clinical & Translational Science Institute (CTSI)

The CTSI provides clinical investigators with tools, services, and resources to maximize the impact of discoveries and speed the translation of research into improved patient care through collaborative approaches.

<https://www.bu.edu/ctsi/>

# Who do I contact?

Any questions should be directed to your Sponsored Programs Research Administrator (SP RA)

Find your SP RA:

<https://www.bu.edu/researchsupport/contact/departmental-contacts/>

Additional Frequently Asked Questions can be found on the following Research Support site:

<https://www.bu.edu/researchsupport/compliance/bu-resources-for-nih-data-management-sharing/>

# Questions and Answers

## **Q: If informed consent was obtained decades ago and data sharing wasn't explicitly addressed, is this a valid reason for not sharing?**

Several points to consider (since the question doesn't contain a lot of details):

- It is possible that sharing is not permitted given the scope/terms of consent. Any limitations of data sharing should be included in the DSMP.
- If this is a funding proposal to generate new scientific data using previously collected data, the requirements will likely apply. For secondary use, sharing the primary data source is not required (and those primary data, if decades old, hopefully no longer contain identifiers, meaning the data may no longer be considered to include 'human subjects').
- If this question pertains to a decades-old project that has since been closed, the new policy does not apply (unless it falls within the 2003 Policy).
- Review the NIH Policy FAQs - there is guidance on when not sharing, or limiting sharing, may be justified.
- Investigators are required to maintain all applicable confidentiality and privacy standards and should indicate in their Plans how they will address this issue.
- NIH has a tool to help assess whether a data sharing policy applies to certain research: <https://sharing.nih.gov/other-sharing-policies/which-policies-apply-to-my-research> .
- When in doubt, ask your NIH program officer.

**Q: I'm curious about data sharing policies regarding inherently sensitive data such as digital voice recordings. If there are (or can be) transcripts created from the voice recordings, or the use of voice altering technology, these may be acceptable alternatives to the original recordings?**

Accommodations may be requested in the budget to meet the requirements. Investigators are required to maintain all applicable confidentiality and privacy standards and should indicate in their Plans how they will address this issue. Researchers should follow the guidance provided by the IRB for their specific project.

**Q: How does the policy apply to qualitative data, like transcripts, ethnographic fieldnotes, or oral/video histories?**

The research institute to which you are applying may have more specific guidance in this area, however presumably the Policy would apply if you are generating scientific data: 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.

**Q: Helpful to know whether BU will expand Y-drive and other shared storage for data retention purposes?**

**Q: Is BU planning to offer the infrastructure necessary to data sharing? (please!)**

BU currently has limited options for sharing data broadly to the community. The Research Data Management & Sharing working group plans to survey the landscape of data sharing solutions and provide recommendations on possible future service offerings in this area.

When possible we encourage researchers to utilize existing NIH Data Repositories for sharing their data. Further details can be found in the BU NIH 2-23 Data Management & Sharing Policy libguide located here:

[https://library.bu.edu/NIH\\_DMS#s-lg-box-29797602](https://library.bu.edu/NIH_DMS#s-lg-box-29797602)

For small datasets (under 100MB) Researchers can utilize the Open BU service managed by BU Libraries. Please see <https://open.bu.edu/> for more information.



**Q: Does this refer only to making the data available to researchers outside of the project? What about sharing between subs?**

The new NIH policy (effective January 2023) is specifically about sharing data publicly, with researchers and others who are not on the project. Sharing data with sub-awardees and other collaborators is a separate question and not part of compliance with this policy.

**Q: Can the working group create a template for the data sharing plan document we have to include in R01 applications?**

NIH has created a sample template, available for use, although not required. The sample template can be found here: <https://grants.nih.gov/sites/default/files/DMS-Plan-blank-format-page.pdf>

Additional sample plans are located on NIH's web page on Writing a Data Management & Sharing Plan which is located here: <https://sharing.nih.gov/data-management-and-sharing-policy/planning-and-budgeting-for-data-management-and-sharing/writing-a-data-management-and-sharing-plan#sample-plans>