



University
of Idaho

NIH DATA MANAGEMENT & SHARING POLICY

OVERVIEW OF 2023 POLICY CHANGES

UNIVERSITY OF IDAHO – RCDS

- Goals:
 - Advance rigorous and reproducible research
 - Promote public trust in research
 - Promote data stewardship
- Developed with public input, released in 2020.
- Takes effect 25 January 2023.

NEW NIH DATA MANAGEMENT & SHARING POLICY



- All NIH-supported research generating scientific data is required to have a **Data Management and Sharing Plan**.
- Plans are submitted with application but excluded from peer review.
- Plans are reviewed by NIH program staff for acceptability and may request modifications prior to award.
- Researchers should maximize appropriate data sharing.
- Compliance is expected and is monitored at regular reporting intervals (RPPR).
- Encourages the use of established data repositories.
- Data shared no later than the time of an associated publication or the end of the award.

NEW NIH DATA MANAGEMENT & SHARING POLICY



MAKE A PLAN

FOLLOW THE PLAN

APPLIES ONLY TO NIH-FUNDED RESEARCH THAT WILL PRODUCE SCIENTIFIC DATA

“The DMS Policy does not apply to research and other activities that do not generate scientific data, including training, infrastructure development, and non-research activities.”

"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."

Examples of Scientific Data

- Single-cell RNA sequencing (scRNA-seq) of T lymphocytes or other immune cells in a study of HIV/AIDS
- Electrophysiological recordings and fMRI images in a study of a rodent model of PTSD
- Step activity from a wearable device in a study of cardiovascular health

Scientific data **do not** include:

- Data not necessary for or of sufficient quality to validate and replicate research findings
- Laboratory notebooks
- Preliminary analyses
- Completed case report forms
- Drafts of scientific papers
- Plans for future research
- Peer reviews
- Communications with colleagues
- Physical objects, (e.g., laboratory specimens)

See [Research Covered Under the Data Management & Sharing Policy](#) for more details.

ELEMENTS OF A DMS PLAN - ****2-PAGE LIMIT****



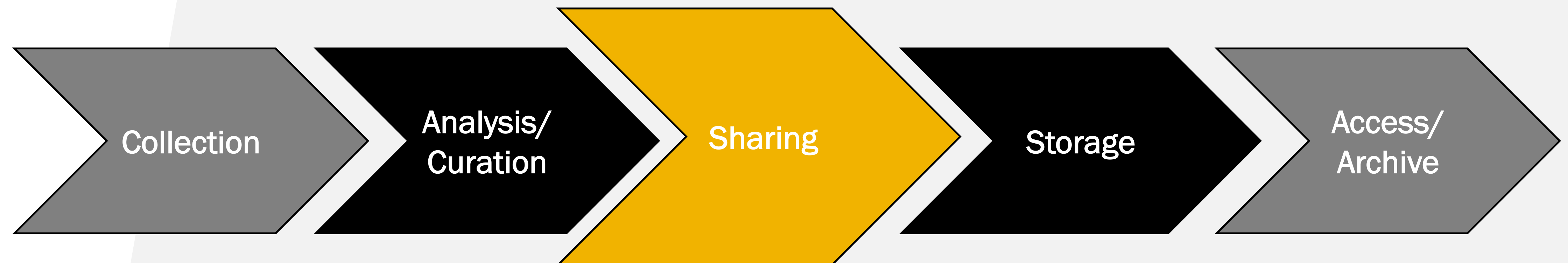
- **Data type**
 - Identifying data to be preserved and shared
- **Related tools, software, code**
 - Tools and software needed to access and manipulate data
- **Standards**
 - Standards to be applied to scientific data and metadata
- **Data preservation, access, timelines**
 - Repository to be used, persistent unique identifier, and when/ how long data will be available
- **Access, distribution, reuse considerations**
 - Description of factors for data access, distribution, or reuse
- **Oversight of data management and sharing**
 - Plan compliance will be monitored/ managed and by whom

See [Writing a Data Management & Sharing Plan](#) for details
Plans can be compiled using free templates at [DMPTool](#)

WHEN SHOULD I SHARE MY DATA?

As soon as possible!

No later than the time of a **publication of findings** in a peer-reviewed journal OR at the *end of the award*, whichever comes first



LIMITATIONS ON SHARING

DMS Plans should maximize appropriate sharing

Justifiable ethical, legal, and technical factors for limiting sharing include:

- Informed consent will not permit or limits scope of sharing or use
- Privacy or safety of research participants would be compromised and available protections insufficient
- Explicit federal, state, local, or Tribal law, regulation, or policy prohibits disclosure
- Restrictions imposed by existing or anticipated agreements with other parties

DATA MANAGEMENT AND SHARING COSTS

ALLOWABLE COSTS:

- Curating data/developing supporting documentation
- Preserving/sharing data through repositories
- Local data management considerations
- **IMPORTANT:** Must be incurred during the award period

UNALLOWABLE COSTS:

- Infrastructure costs typically included in indirect costs
- Costs associated with the routine conduct of research (e.g., costs of gaining access to research data)

RESOURCES

- Website: [NIH Scientific Data Sharing](#)
- FAQs: [DMS Policy FAQs](#)
- Email Box: Sharing@nih.gov
- [DMSP – NIH Template](#)
- [DMPTool – Data Management Plan Builder](#)
- [Selecting a Data Repository](#)
- [Budgeting for Data Management & Sharing](#)
- [DMS Policy Webinars](#)
- [Genomic Data Sharing Policy](#)
- [Informed Consent Resource](#)