NIH Data Management and Sharing

**Required For All NIH Grants That Generate Scientific Data:**

1. Submission of a 2-page Data Management and Sharing Plan (DMSP)
2. Documentation of compliance with the approved plan

**Which data should be shared?**

* **Appropriate data to validate and replicate findings from published studies**
* **Data from a study even if not directly linked to a publication**
* **Null findings that do not result in a publication**

**What doesn’t fall under the policy?**

* **Laboratory notebooks**
* **Preliminary analysis/optimizations**
* **Case report forms**
* **Physical objects or specimens**
* **Manuscript drafts, correspondence**

**Acceptable Reasons Not to Share:**

1. Explicit federal, state, local, or Tribal law, regulation, or policy prohibits disclosure
2. Concerns around privacy or safety of research participants
3. Pre-existing consent policies or agreements prohibit sharing of participant-derived material
4. Digitization of datasets is impractical

**How Can this Affect a Grant?**

1. **Can request funds for DMS**
2. **Reviewed by NIH staff**
3. **Does not impact scoring**
4. **The DMSP may be updated as the project evolves (approved by sponsor)**
5. **Noncompliance may impact future funding decisions for the recipient institution**

**Elements of DMSP**

1. **Data Type**
2. **Related Tools, Software and/or Code**
3. **Standards**
4. **Data Preservation, Access, and Associated Timelines**
5. **Access, Distribution, or Reuse Considerations**
6. **Oversight of Data Management and Sharing**

**NIH Sharing:**

<https://sharing.nih.gov/>

Kraemer Family Library: <https://kfl.uccs.edu/services/finding-open-repositories>

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Diagram

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Figure 1: Gaelen Pinnock, CC BY-SA 4.0 , via Wikimedia Commons

To learn more, please visit the [UCCS NIH Data Management and Sharing Website](https://osp.uccs.edu/research-compliance/nih-data-management-and-sharing-policy-dmsp).

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| Principal Investigator Human Subjects Items to Consider When Developing a DMS Plan |  |
| * Review [NIH Sharing Data from Human Participants](https://sharing.nih.gov/data-management-and-sharing-policy/sharing-scientific-data/data-sharing-approaches#sharing-data-from-human-participants-) * Consider how research participant data will be shared. * Consider how research participants will be informed their data will be shared (i.e., de-identified using [HIPAA de-identification standard](https://www.hhs.gov/hipaa/for-professionals/privacy/special-topics/de-identification/index.html) or identifiable. This is managed by the research team.)   + How will this be addressed in the informed consent form and the IRB application? * When submitting an NIH funded proposal to the UCCS IRB include your DMS plan to the IRB for general awareness. Please note the IRB may ask some follow-up questions or make requests to ensure the DMS plan follow federal regulations and campus policies. * If using Genomic Data, review [NIH Genomic Data Sharing Policy](https://sharing.nih.gov/genomic-data-sharing-policy).   If you have questions, please reach out to the [IRB@uccs.edu](mailto:IRB@uccs.edu). |  |

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