

Data Sharing for ...

You

Having detailed metadata will allow you to easily access your data for future projects. You will also establish provenance, which could be useful in confirming the timeline of discovery.

Your research group

The members of your research group will be able to use your data, even in your absence. This will be useful for both reproducibility and continuing research.

Your research community

Your data can serve as a base for others to build upon, reducing repetitive experimentation and analyses. Others can also incorporate your data into meta analyses and confirm the reproducibility of your research.

Your funding agency

Funding agencies require data sharing to maximize the impact of dollars spent on research. You will need to comply with data sharing requirements to fulfill your current grant obligations and secure future grants.

SPARC Data Sharing Requirements by Federal Agency <http://datasharing.sparcopen.org/data>

The public

Providing access to data, especially those funded by US taxpayers, will contribute to an individual's ability to make effective public and personal decisions and supports The Wisconsin Idea, the university's commitment to public service.

How to facilitate sharing

- Describe data content and process by which it was collected.
 - Create discoverable, robust metadata.
 - Include unique IDs (i.e. Digital Object Identifiers or DOIs) and citation information
- Deposit in a location from which it can be accessed.
- Preserve in formats and on media acceptable for long term storage.
- Publish information about the data so others can discover it easily.

Concerns about data sharing and how to address them

Concern	Address concerns by...
Inappropriate use of data	Providing clear description of the intent of the study and how the data should be used by future researchers in the metadata and/or README.txt file
Security and confidentiality of sensitive data	<ul style="list-style-type: none"> ● Sharing aggregate data ● Documenting reuse and sharing intentions in patient consent forms ● Depositing in a limited access repository
Lack of credit or acknowledgement	Providing detailed metadata and examples of how to cite the data in the repository record
Loss of advantage when competing for research dollars	Placing a limited term embargo when <ul style="list-style-type: none"> ● Data will support a patent ● Data requires further study and may result in future publications