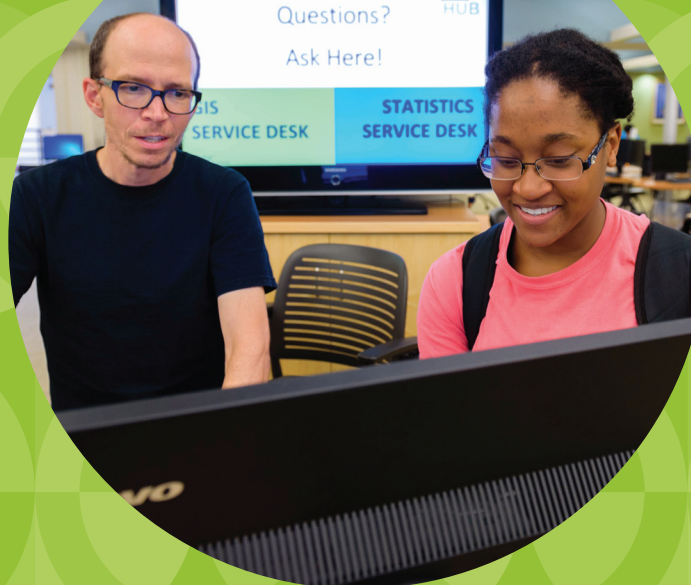


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NEW DIMENSIONS FOR TEACHING AND RESEARCH

Data Management



What Is Data Management?

Data management involves data care-taking activities over the course of a research project. Key practices include:

- Preparing data management plans (DMPs) for grant proposals
- Organizing and documenting data so that others can understand it
- Optimizing analysis processes
- Securing sensitive data
- Ensuring sufficient storage and backup processes
- Sharing data effectively
- Preserving the data after the project ends

Why Is Data Management Relevant to Teaching and Research?

Managing data throughout coursework and research helps students and faculty:

- Ensure data are easier to find, share, and re-use
- Ensure data are not lost
- Replicate past results or use old data in new ways
- Comply with funding agency data management and sharing requirements
- Increase the discoverability and impact of work

Get Started

The University Libraries and the Odum Institute provide data management services, workshops, customized classroom visits, and one-on-one consultations through the Research Hub. To learn about data management services, contact the Research Hub data management staff: dataplan@listserv.unc.edu.

To discuss using data management in your course, request a joint consultation with the Research Hub and the Center for Faculty Excellence: researchhub@unc.edu.

Selected Resources & Tools

General

- Research Data Toolkit (UNC)

Writing Data Management Plans

- DMP Tool

Managing Data

- Dataverse
- REDCap
- ITS Research Computing

Describing Data

- Disciplinary Metadata

Depositing Data

- Carolina Digital Repository
- Dataverse
- ICPSR
- Dryad
- NIH Repositories
- re3data