

RDM Web Pages

HOME



UC San Diego
Research Cyberinfrastructure

RCI, a campus-wide initiative, frees researchers to do research, and is:

- **Reliable and state of the art**
- **Easy to use**
- **Environmentally green**
- **Cost effective**

RCI: Research Cyberinfrastructure

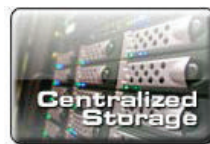
Create... Share... Discover

RCI is a UCSD-sponsored program that offers campus researchers facilities, storage, data curation, computing, and networking to facilitate their research using shared cyberinfrastructure services across campus.

The RCI program is designed to provide cost-effective, reliable services which can be utilized by UCSD principal investigators in their current research efforts and incorporated in proposals for future research. In general, these services are available to researchers at a reduced cost, supplemented by the RCI program.

RCI has a number of services which are described in more detail via the links below. Some of these services are already available now in production, while other services are in pilot phase to best determine researcher requirements and appropriate business models.

RCI Services



CENTRALIZED STORAGE

Centrally-administered disk storage featuring high performance, accessibility, reliability, and scalability



COLOCATION SERVICES

Energy-efficient, centrally managed datacenter space for hosting computer equipment and related components



COMPUTING

High-performance computing with fast interconnect, large memory options, and high I/O bandwidth for data analysis



DATA CURATION

Consulting services that help researchers with data management plans and long-term curation of research data




NETWORKING

An uncongested, leading-edge network that facilitates research collaborations, data exchanges, and access to the colocation facility



TECHNICAL EXPERTISE

Human expertise to optimize utilization of RCI services in the context of individual research projects



EMORY LIBRARIES | Robert W. Woodruff Library

Main Library » Guides » Research Data Management Admin Sign In

Research Data Management

Tags: data, e-research, electronic_data_center, research data management

Research Data Management at Emory University

Last Updated: Jun 18, 2013 | URL: <http://guides.main.library.emory.edu/datamgmt> | [Print Guide](#) | [RSS Updates](#) | [SHARE](#) [f](#) [t](#) [e](#)

- Overview
- Data Management Plans
- Data Storage and Preservation
- Data Sharing and Re-Use
- Data Documentation
- Data Publication
- Campus Resources
- More Information
- Faculty Survey Results
- Researcher Interviews

Overview [Comments\(0\)](#) [Print Page](#) Search: This Guide [Search](#)

Need Help?

Need assistance with preparing a data management plan for a grant application? Looking for guidance on how to manage your research data? Research Data Management services at Emory University can help. Please contact us at dataplans@emory.edu.

Receive information and updates about developments in research data management by requesting to be added to the [RDM-L mailing list](#).

[Comments \(0\)](#)


Research Data Management

Many funding agencies, including the National Science Foundation (NSF), the National Institutes of Health (NIH), and the National Endowment for the Humanities (NEH), require a data management plan as a component of grant applications. This requirement encourages researchers to consider in greater detail how their data will be preserved and shared.

Depending on the particular research community, data can include spreadsheets, images, videos, audio files, text files, models, computer software and code, patient records, interview transcripts, survey results, field/lab notes, and physical objects such as artifacts and samples.

[Comments \(0\)](#)

Data Management Specialist




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Links:
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Subjects:
[Research Data Management](#)

Creating Data Management Plans



The **DMP Tool** can be used to prepare data management plans required by specific funding agencies.

Click the *Get Started!* button, select *Emory University* from the pull-down menu, enter your Emory Network ID and password, and create a new plan. The tool will walk you through each section, allowing you to save and revisit your plans.

[Comments \(0\)](#)

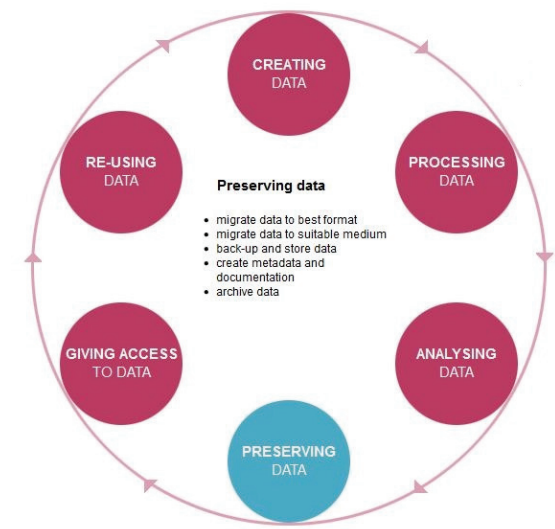
Benefits of Research Data Management

Organizing, preserving, and sharing data will . . .

- improve data integrity.
- prevent data loss due to workforce turnover or hardware/software transitions.
- avoid unnecessary duplication of research efforts.
- help validate research findings.
- enhance the visibility of a researcher's work.
- lead to repurposing of data beyond its original intended use.
- ensure that the results of publicly-funded research become public property.

[Comments \(0\)](#)

Research Data Lifecycle



The diagram illustrates the Research Data Lifecycle as a circular process with six stages: CREATING DATA, PROCESSING DATA, ANALYSING DATA, PRESERVING DATA, GIVING ACCESS TO DATA, and RE-USING DATA. A central box titled "Preserving data" lists the following actions:

- migrate data to best format
- migrate data to suitable medium
- back-up and store data
- create metadata and documentation
- archive data

Research Data Management at Emory

Documentation of developments supporting research data management at Emory University Libraries:

- [Exploring Research Data Management](#)
- [Developments in Research Data Management Support](#)

[Comments \(0\)](#)

The screenshot shows the Research Data Services website homepage. The header features the University of Wisconsin-Madison logo and the text "Research Data Services DIGITAL CURATION AT THE UNIVERSITY OF WISCONSIN-MADISON". A navigation menu includes "Writing a Data Plan", "Managing Data", "Sharing Data", "Events", "Blog", and "About", along with a search bar. The main content area is divided into several sections:

- Datapoints: The RDS Blog**: A list of three blog posts:
 - DMPTool Webinar Series Continues**: DMPTool Webinar Series Brown Bag Join us for a ~15 part webinar series on the Data Management Planning Tool, DMPTool, from the California Digital Library. This series will introduce the tool, discuss ...
 - VIVO Webinar Series**: Overview of VIVO What is VIVO with Brian Lowe, Cornell University Implementation with Jon Corson-Rikert, Cornell University Future Directions with Dean Kraft, Cornell University Slides from the present ...
 - LabKey Server**: LabKey Server is an open source data management platform designed for organizing and managing data from large-scale research; for example, data from thousands of samples and/or subjects. It provides a ...
 - Electronic Lab Notebooks**: What are they? Electronic Lab Notebooks (ELNs) are software counterparts to paper lab notebooks. Although the name suggests a physical notebook device, ELNs are actually just software that runs on a c ...
- News**: A list of three news items:
 - ICPSR Updates its Data Management & Curation Site
 - Google Alerts RSS delivery is temporarily not available. To keep receiving Google Alerts in the meantime, you can change to email delivery.
 - 2013 Biennial ICPSR Meeting
- Events**: A section for upcoming events, currently showing a "Loading..." message.
- Advertisement**: A banner for "Data Management Planning" with the text "For NSF, NIH, IMLS grant applications Or for any research project Contact us now!". It includes a "too." logo, a binary code graphic, and a "Stop" button.

The footer contains three columns of links:

- Campus Links**: UW-Madison, MyUW, UW-Madison Libraries, DoIT
- Campus Resources**: Center for High Throughput Computing, Data & Information Services Center, Digital Media Center, Experts Guide, Institute for Clinical & Translational Research, Records Management, Research & Sponsored Programs, Researcher Directory, Scholarly Communication & Publishing, UW Digital Collections Center
- Stay in Touch**: iTunes U, YouTube, Facebook, Twitter

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