OSP RAFTs: Introduction to the Research Data Management Core

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February 28th, 2024
Research Data Management Defined
Research Data Management and Sharing Mandates
About the Research Data Management Core (RDMC)
Data Management and Sharing Planning Support
Data management is the process of validating, organizing, protecting, maintaining, and processing scientific data to ensure the accessibility, reliability, and quality of the data for its users.

FINDABLE
(Meta)data are described with rich metadata and assigned a unique and persistent identifier

ACCESSIBLE
(Meta)data are openly accessible, with authorization and authentication as needed

INTEROPERABLE
(Meta)data use a shared standardized language to enable linking and use across systems

REUSABLE
(Meta)data are well-described to allow for understanding and appropriate re-use

The National Institutes of Health (NIH) Policy for Data Management and Sharing reinforces NIH's longstanding commitment to making the results and outputs of NIH-funded research available to the public through effective and efficient data management and data sharing practices. **Data sharing** enables researchers to rigorously test the validity of research findings, strengthen analyses through combined datasets, reuse hard-to-generate data, and explore new frontiers of discovery. In addition, NIH emphasizes the importance of **good data management practices**, which provide the foundation for effective data sharing and improve the reproducibility and reliability of research findings. NIH encourages data management and data sharing practices consistent with the **FAIR data principles**.
Planning and budgeting for data management and sharing

Submission and review of data management and sharing plans

Implementing data management and sharing plans

https://sharing.nih.gov/
Scientific data underlying peer-reviewed scholarly publications resulting from federally funded research should be made freely available and publicly accessible by default at the time of publication, unless subject to limitations...and should be subject to federal agency guidelines for researcher responsibilities regarding data management and sharing plans...

The Research Data Management Core coordinates stewardship of research data produced at the University of North Carolina at Chapel Hill.
Establishing a campus-wide data support ecosystem that coordinates, integrates, and federates existing and new resources

Hosting and maintaining UNC Dataverse for long-term data archiving and preservation

Developing new technologies to address gaps in existing resources
Establishing a pipeline for pre-award data management and sharing plan review and audit

Developing a tracking mechanism for data management and sharing plan implementation

Monitoring data management and sharing policy updates and new policies
Developing, reviewing, and implementing data management and sharing plans

Identifying policy-compliant trustworthy data repositories for preservation and sharing

Referring investigators to research data management support units and experts at UNC and beyond
Training Consultation Policy Infrastructure

- Research data management and sharing standards and best practices
- Data management and sharing policy requirements for compliance
- Use of research data management and sharing support platforms and systems
Final NIH Policy for Data Management and Sharing

Notice Number:
NOT-OD-21-013

Key Dates

Release Date:
Effective Date:
October 29, 2020
January 27, 2023

Related Announcements

NOT-OD-23-185 - Prior Approval Requests for Revisions to an Approved Data Management and Sharing (DMS) Plan Must be Submitted Using the Prior Approval Module
NOT-OD-23-012 - Reminder: FORMS-H Grant Application Forms & Instructions Must be Used for Due Dates On or After January 25, 2023. New Grant Application Instructions Now Available
NOT-CA-23-007 - Request for Information (RFI): Soliciting Input on the Use and Reuse of Cancer Metabolomics Data
NOT-OD-22-189 - Implementation Details for the NIH Data Management and Sharing Policy

Issued by
Office of The Director, National Institutes of Health (OD)

Purpose

Summary
The National Institutes of Health (NIH) is issuing this final NIH Policy for Data Management and Sharing (DMS Policy) to promote the management and sharing of scientific data generated from NIH-funded or conducted research. This Policy establishes the requirements of submission of Data Management and Sharing Plans (hereinafter Plans) and compliance with NIH Institute, Center, or Office (ICO)-approved Plans. It also emphasizes the importance of good data management practices and establishes the expectation for maximizing the appropriate sharing of scientific data generated from NIH-funded or conducted research, with justified limitations or exceptions. This Policy applies to research funded or conducted by NIH that results in the generation of scientific data.
Carefully review the policy, NOFO, and any other relevant policy guidance

Use DMPTool to draft the data management and sharing plan

Request a DMSP review from RDMC ahead of the grant submission deadline

Provide data management and sharing information in the RAMSeS IPF
NIH-funded Study 2024

Template based on funder requirements

Example fill-in-the-blank language

DMSP section prompt and explanation

Funder and other additional guidance

https://dmptool.org
Comparison of DMSP with funder policy and guidelines
Evaluation of content for adherence to policy guidelines
Suggestions for improvement
Referrals to service providers
Assessment of feasibility of DMSP implementation

https://researchdata.unc.edu/guidance/preaward/review/
Comparison of DMSP with funder policy and guidelines

Evaluation of content for adherence to policy guidelines

Suggestions for improvement

Referrals to service providers

Assessment of feasibility of DMSP implementation

Contact us about

Data Management and Sharing

What can we help you with?

Data Management Plan Review
Request UNC Research Data Management Core review of a data management plan created in DMPTool.

Raise this request on behalf of *

Enter name or email...

Summary *

https://researchdata.unc.edu/guidance/preaward/review/
Establish a mechanism for DMSP review, audit, and implementation

Ensure the availability of resources to support implementation of DMSPs

Track and catalog research outputs produced by UNC investigators
UNC Research Data Management Core

The Research Data Management Core (RDMC) provides UNC researchers with the necessary tools, knowledge, and support to manage and share their research data in compliance with funding agency mandates and data sharing policies effectively and efficiently.
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AWARD CLASSIFICATIONS

Organized Research (OR) and Clinical Trials (CT & C4)

- OR includes all research activities conducted by the University that are sponsored by federal and nonfederal agencies and organizations.
  - Sponsored projects to support faculty research activities
  - Career Development awards to support faculty research activities
- CT & C4 include Clinical Trials conducted in hospital owned or University owned facilities.

Identifying the Classification on a Project

RAMSeS: General Tab

| F&A Activity Type: | OR - Organized Research (110) |

RAM Reports: Award Summary

| Award Purpose | Organized Research (110) (OR) |

*waivers are rare occurrences*
BUDGETING FOR THE RDMC FEE

• All proposals to be categorized as Organized Research or Clinical Trials need to budget for the fee in other direct costs (regardless of funding source).
  • Subcontract project IDs are excluded (SUBCON in RAMSeS)
  • Subaccounts are NOT excluded (SUBACCT in RAMSeS)
  • UNC as an incoming subaward is NOT excluded

• Rate and budget justification templates available on the RDMC website
  • currently for FY24, the rate is **0.38% of direct costs** including all direct salaries and wages, applicable fringe benefits, materials, supplies, services, and travel.
  • If MTDC: budget for the fee on all directs excluding subcontracts
  • If TDC: budget for the fee on all directs

• RDMC fee is subject to F&A (indirect) costs
  • Infrastructure required to perform services of RDMC represent **actual costs not recognized by the existing federally negotiated F&A or indirect cost model.** Thus, operating expenses of the RDMC are not a part of the University’s F&A rate calculation.
RDMC fee is charged to sponsored projects as a monthly allocation similar to F&A.

- For example: During the period from 1/1 - 1/31, if $1000 of direct expenses (salaries, wages, fringe, materials/supplies, services, travel) posts to the project, $3.80 for the fee would charge to the project on account 559011.
- The charge would be available to view in RAM Reports within the first few business days of the following month.

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<th>Category</th>
<th>Budget</th>
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CONTACTS & RESOURCES

- **RDMC Website** (Pre-Award)
- **OSP RDMC FAQs & RAFTs page**
- **OSPHelp@unc.edu**
- **RDMC@unc.edu**

- Main Inbox: **SponsoredPrograms@unc.edu**
- Billing: **OSPBilling@unc.edu**
- Outgoing Subagreements: **OSPSubs@unc.edu**
- Contracting: **OSPContracting@unc.edu**
- Communications: **OSPCommunications@unc.edu**
- Training: **OSPTraining@unc.edu**
Questions?