



Title of Proposed Project

Foundations in Data Stewardship: Training and Knowledge Development for Postdoctoral Scholars

Name of Core Facility

[Research Data Management Core](#)

Core Director Name *Official contact for the program*

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Core Facility School

UNC Research

Project Description

At the Research Data Management Core, we're responsible for helping researchers understand and comply with data management and sharing requirements (with a focus on guidance from the NIH), which ensures that research data meet standards that uphold the FAIR data principles (findable, accessible, interoperable, and reusable).

The goal of this project is to develop training materials and resources on data stewardship for your research field and/or lab, to contribute to the RDMC mission of a robust ecosystem of research data management and sharing support, and to help you become a responsible data steward.

We would like to tailor projects and activities depending on the interest of an individual post doc. Projects may include:

- Create a UNC Dataverse for a research project, lab, or center on campus
- Research and identify field-specific data repositories

- Contribute to UNC Dataverse repository customizations to support unique data types
- Write knowledge base articles
- Review example data management and sharing plans from relevant domains

We're looking for a post doc with subject matter expertise in any type of research data with an interest in extending their skill set to data management, data sharing, and/or data stewardship.

Expected Skill Development

What skills, tools, or technologies will the postdoc gain experience with? Include technical, analytical, or professional competencies.

- Deep understanding of NIH Data Management and Sharing Policies
- Ability to evaluate data management and sharing plans
- Understanding of data stewardship practices and tools that comply with NIH data requirements and FAIR, CARE and related data stewardship principles
- Ability to evaluate a data package for quality and readiness to archive
- Understanding of UNC's institutional data repository, UNC Dataverse
- Ability to create Project Dataverses and Dataset Records in UNC Dataverse
- Ability to evaluate repositories on criteria such as trustworthiness and appropriateness for data types and/or disciplines
- Preparation for Data Steward positions

Estimated Time Commitment

4 hours/week

Expected Project Duration

6 weeks

Designated Mentor(s)

We have lots of opportunities for mentorship depending on the interests of the post doc!
 Rachael Bloom, Health Sciences Data Steward
 Mandy Gooch, Arts and Sciences Data Steward
 Cheryl Thompson, Research Data Preservation Archivist

How often will the mentor meet with the participating postdoctoral scholar?

As needed / flexible

Required Background or Skills

No specific pre-requisites. We're looking for applicants with subject matter expertise in any data type, including but not limited to: genomics, microscopy, any data types with unique

data management and sharing needs. There are no computational or statistical requirements for this position.

Onboarding Plan

We're a dry lab core, but we encounter data from across the University, so expect to dedicate the first few hours of the fellowship to required trainings: HIPAA and CITI training, if those haven't already been completed. We'll then dedicate time to the basics of data stewardship and curation.

Training Plan

Describe any additional training (e.g., instrument use, software, or specialized methods) that will occur beyond the standard onboarding.

This is open to be tailored to an individual's needs.

Introduction to UNC Dataverse

Introduction to Data Management and Sharing Plans (DMPTool)

Introduction to Data Curation Principles

Potential Deliverables/Outcomes

- ☒ Training or outreach materials
- ☒ Skill Development