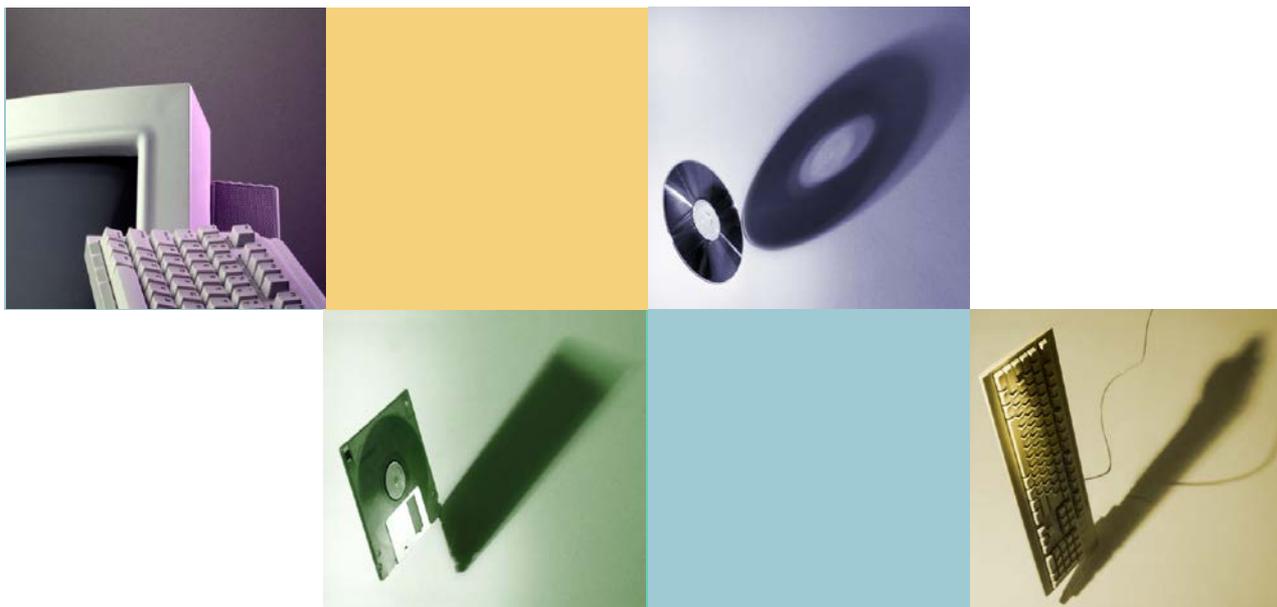


# Research Support at University of North Carolina at Greensboro:

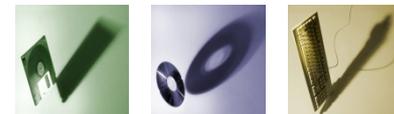
Research Support Without a Research and Data Support Coordinator



Karen S. Grigg, Science Liaison Librarian  
Lea Leininger, Health Sciences Reference Librarian  
University of North Carolina at Greensboro Libraries

# Why Reassess Data Services?

- Substantial population – Over 17,000 students and 2,500 faculty and staff
- Substantial activity - Carnegie “high research” classification, \$35 million in grants awarded annually
- Increase in data management plan requirements from funding agencies
- 2013 Assessment report showed unmet faculty needs:
  - Data storage
  - Meeting requirements for data sharing
  - Assistance with DMPs
  - Cost estimates for data storage and retrieval
  - Applying metadata to research data
- Loss of dedicated Data Support Librarian position



# What Have We Been Doing?

Data Services/Government Info Librarian has been the main point person, with Metadata Cataloger

- Data Management LibGuide
- Consulting with Faculty about Data Services
- Raising awareness of IR (NC DOCKS)
- Interacting with external entities, eg Odum Institute
- Advising on metadata for data sets



## UNCG Contacts

- **Lynda Kellam**  
Contact Lynda for questions about this guide, general guidance on DMP writing, or questions about archiving your data.
- **Office of Sponsored Programs**  
Contact for assistance with the submission of proposals to the major grant funding agencies. The office will provide assistance writing a DMP based on your funding agency's requirements.
- **Information Technology Services**  
Contact for assistance with data storage through UNCG's network or the cloud storage solution, Box.
- **School of Health and Human Sciences**  
For HHS faculty only. Contact for assistance in pre-award proposal development, including DMPs.
- **School of Nursing**  
For Nursing faculty only. Provides assistance in pre-award grant applications.
- **Library Liaisons**  
Your library liaison may be able to provide general guidance on data

## Welcome to the Research Data Management Guide!

Data management is the process of managing your data before, during, and after a research project. The effective management of your data ensures that your research is secure, promotes the reuse of your data by other researchers, and assures compliance with federal guidelines.

Research data can be produced through any systematic collection of information for the purpose of analysis. We tend to think of numeric data, but research data can take many different forms, including images, video, sound files, or textual data.

This guide lists resources available at UNCG for managing your data. If you have questions about any of these resources, please contact Lynda Kellam, the Data Services Librarian. You may also make an appointment for a consultation.

-  [Top Resources Handout](#)

For information about acquiring data sets for secondary data analysis, please see the [Data Services: Finding Data](#) guide.

## Why Data Management?

### Tutorials on Data Management

Lesson 1: Introduction to Data Management



## Data Services Librarian



Lynda Kellam

[Email Me](#)

Available iMinerva



# Initiatives

- Identifying and building relationships with campus entities already offering data management services (campus IT, departments, research and grants people)
- Meeting with individual departments to determine:
  - Data management needs
  - Storage and archival practices
  - Data Management Plan procedures
- Enhancing Data Management LibGuide
- Building data services skills in liaisons
- Identifying and recommending storage solutions and best practices
- Exploring Tiered Triage model



# Challenges

- No clear campus-wide data support structure
  - Campus-wide services for research integrity, research grants, and some research computing
  - Other services vary by school
- Varying levels of faculty awareness of:
  - Support structures
  - Requirements of funding agencies
  - Best practices for data management
- Some hesitation to share research data
- Substantial staff time and expertise needed



# Conclusions

- Data services increasingly important to researchers
- Must assess researcher needs before implementing data support services
- Identify/partner with internal and external entities
- Liaisons can play vital front line advisory role
- Service model must be sustainable



# Thank you!

## Questions?

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