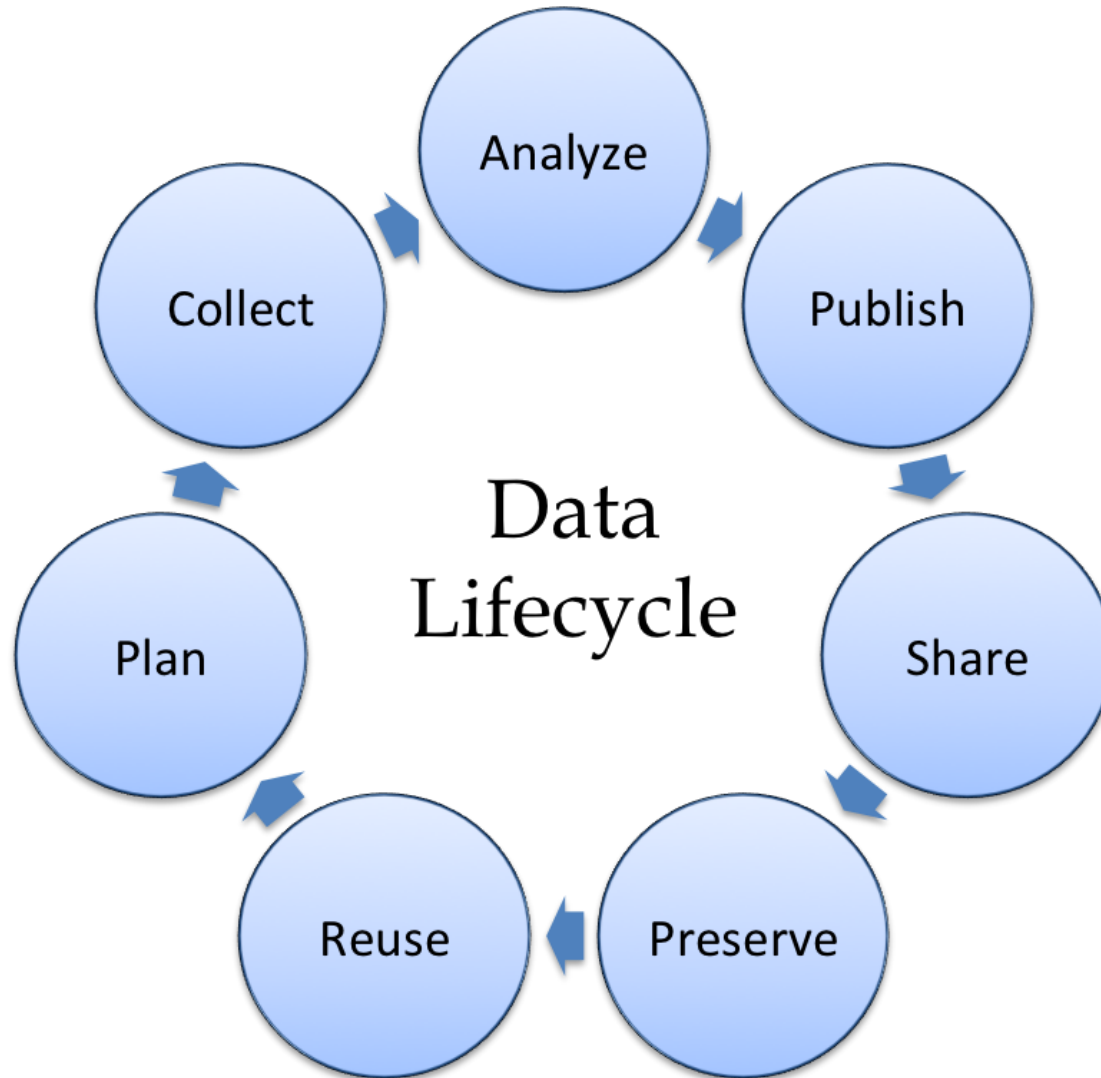


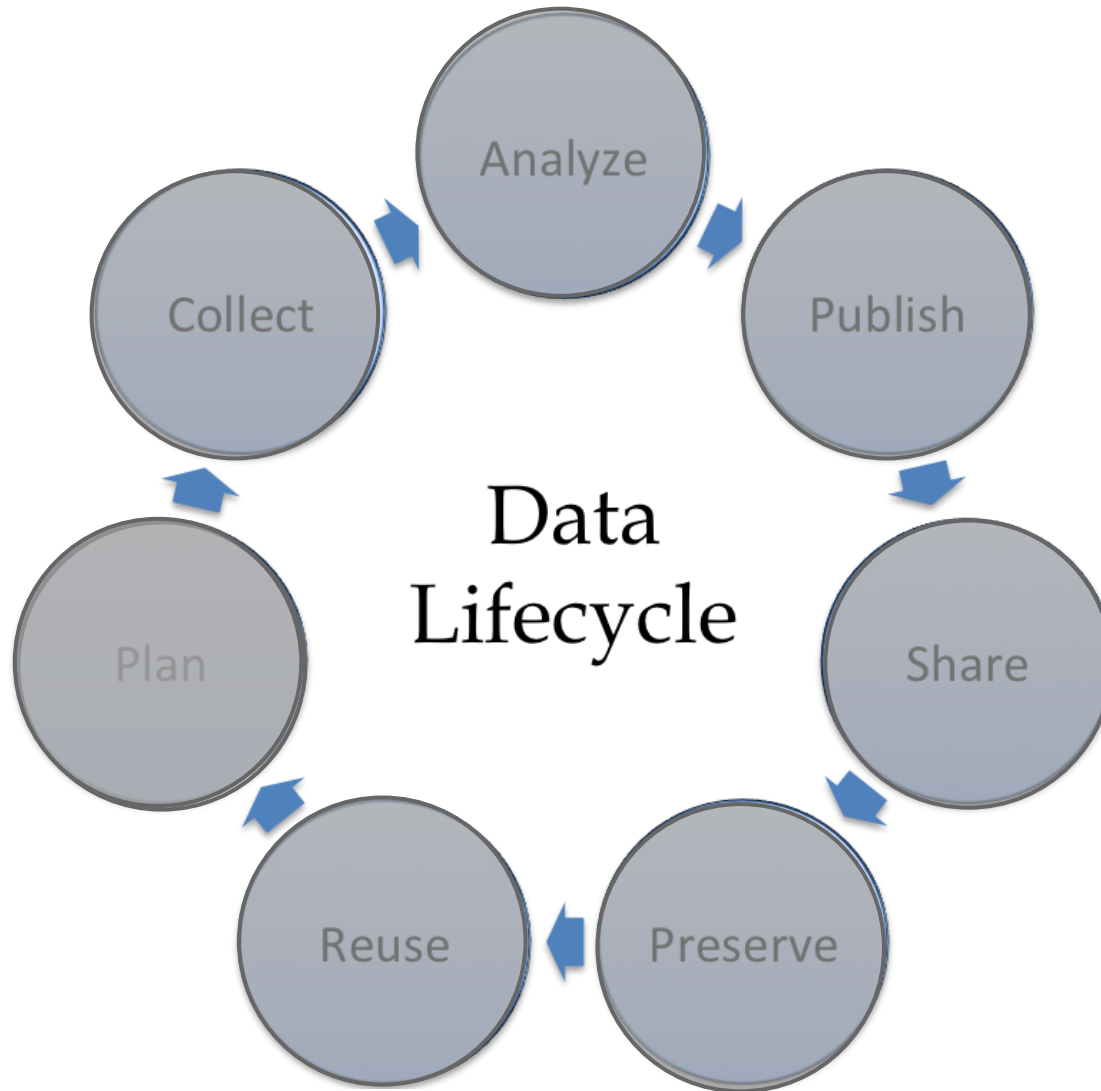
**It takes a village:
Strengthening data management through
collaboration with diverse institutional offices**

Alicia Hofelich Mohr, Ph.D.
Thomas Lindsay
University of Minnesota

Data Management



Data Management



Data Management

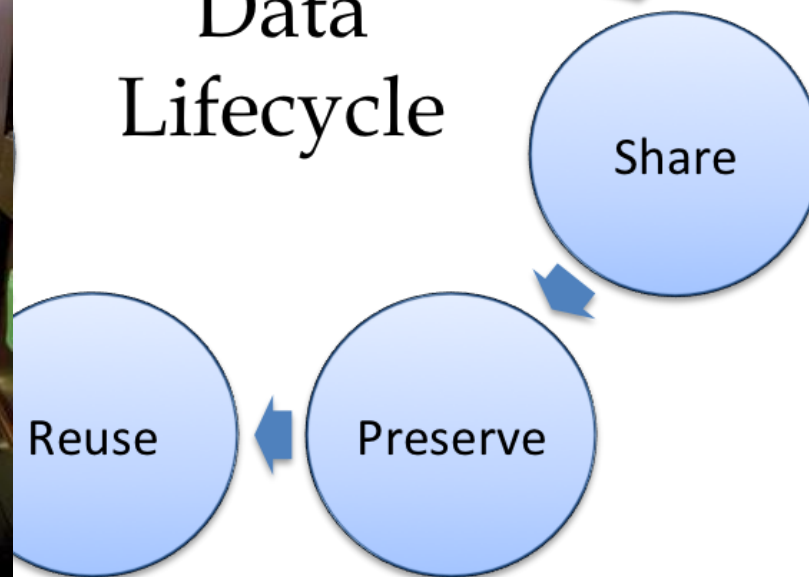
SPA

Sponsored Projects Administration

Institutional Review Board



Data
Lifecycle



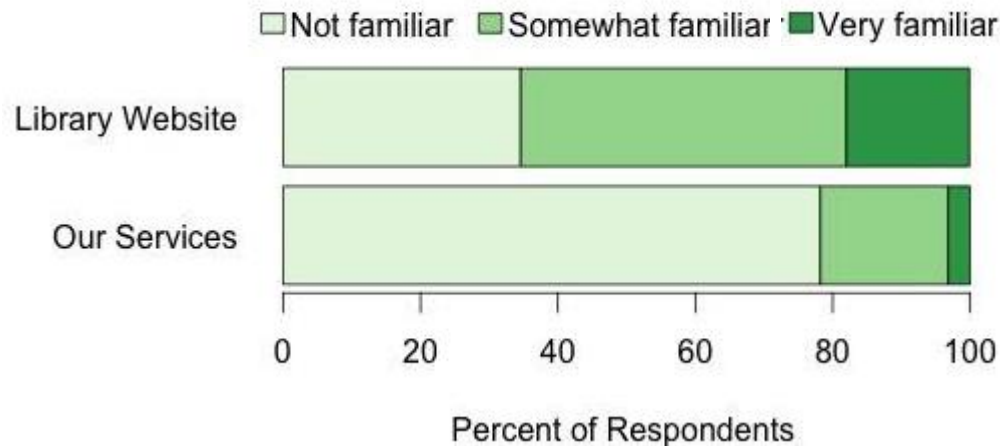
What's the big deal?

- Good practices are made (or broken) during these stages
 - Documentation, file formats, file management
- Early decisions affect the life of the data
 - Restrictive IRB protocol, funding for curation/preservation
 - Failures to back-up or securely store data

Connect with researchers EARLY and
OFTEN throughout the research process

How?

- Increase awareness of your services



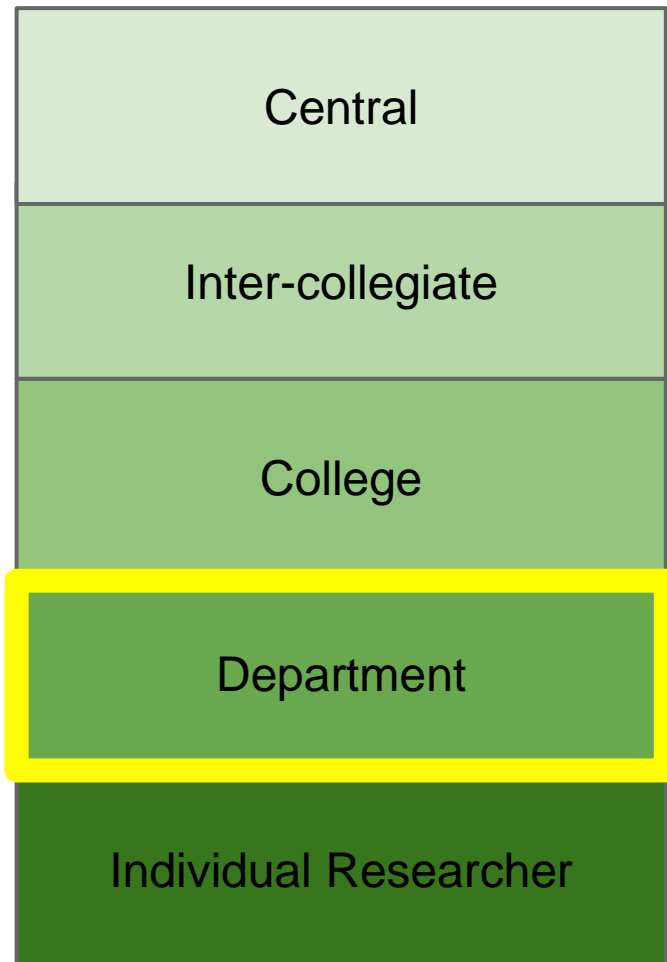
(See more at our poster!
“Data management in the
liberal arts: Current
practices and attitudes at
a Big 10 American
University”)

- Assemble a village
 - Connect with other service providers to build network and awareness of data management



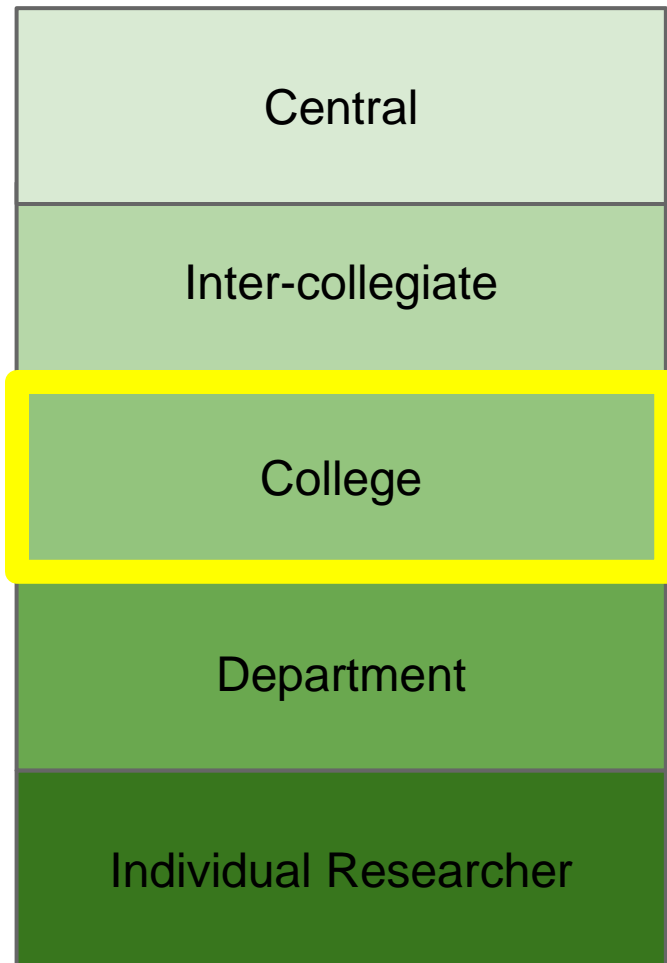
<http://1heckofaguy.com/2013/10/27/y-m-c-a-by-village-people-is-on-leonard-cohens-jukebox/>

Knowing where to look



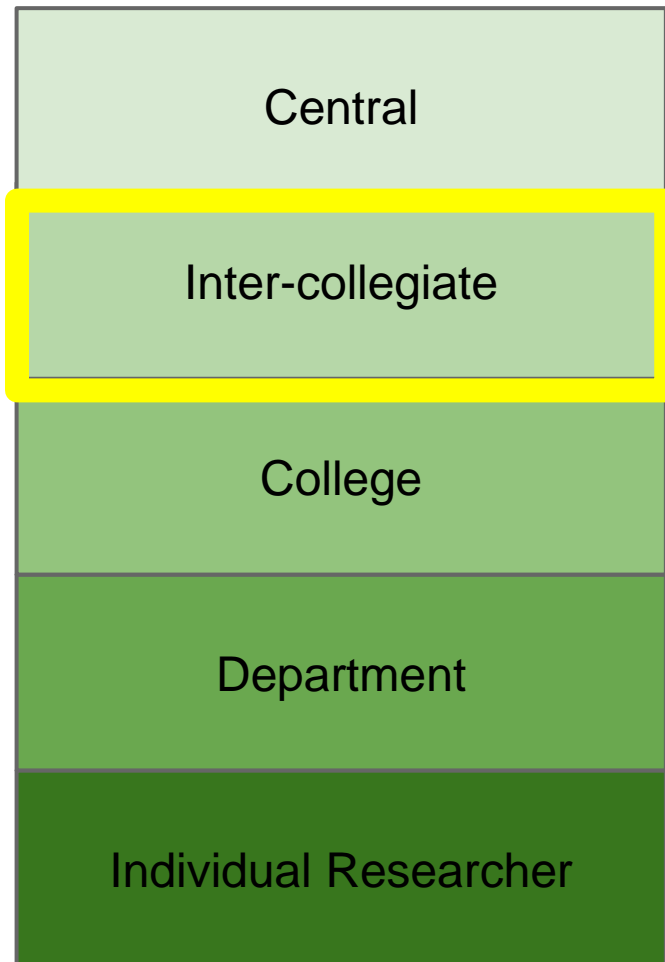
1. Grants Coordinators
2. Sponsored Projects
3. College Research Deans
4. Institutional Review Board
5. IT System Administrators
- 6. Research Support Offices**
- 7. Statistical Consulting**
8. Data Security Offices
9. Copyright/Legal Offices
10. Commercialization Offices
11. Library/Institutional Repository

Knowing where to look



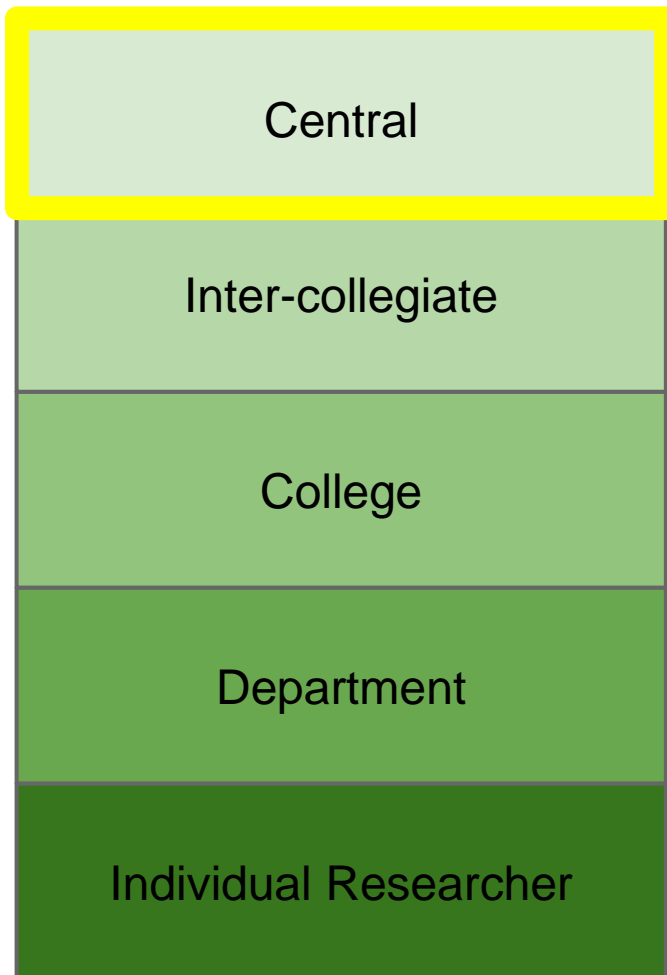
1. Grants Coordinators
2. Sponsored Projects
3. College Research Deans
4. Institutional Review Board
5. IT System Administrators
6. Research Support Offices
7. Statistical Consulting
8. Data Security Offices
9. Copyright/Legal Offices
10. Commercialization Offices
11. Library/Institutional Repository

Knowing where to look



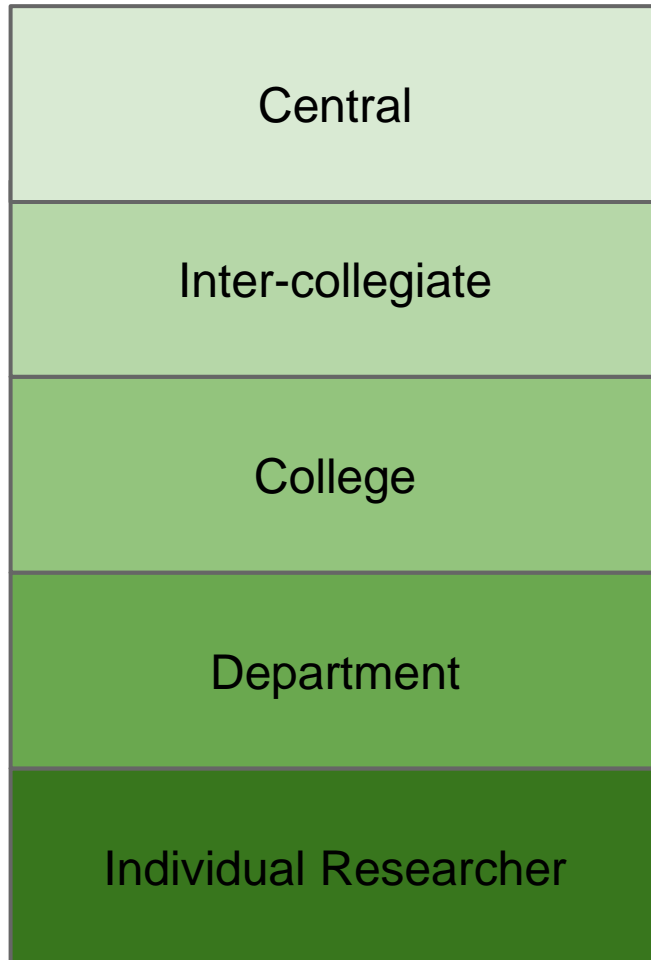
1. Grants Coordinators
2. Sponsored Projects
3. College Research Deans
4. Institutional Review Board
5. IT System Administrators
6. Research Support Offices
7. Statistical Consulting
8. Data Security Offices
9. Copyright/Legal Offices
10. Commercialization Offices
11. Library/Institutional Repository

Knowing where to look



1. Grants Coordinators
2. Sponsored Projects
3. College Research Deans
4. Institutional Review Board
5. IT System Administrators
6. Research Support Offices
7. Statistical Consulting
8. Data Security Offices
9. Copyright/Legal Offices
10. Commercialization Offices
11. Library/Institutional Repository

Knowing where to look

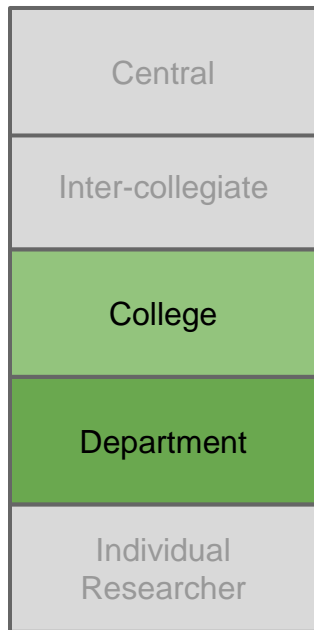


1. Grants Coordinators
2. Sponsored Projects
3. College Research Deans
4. Institutional Review Board
5. IT System Administrators
6. Research Support Offices
7. Statistical Consulting
8. Data Security Offices
9. Copyright/Legal Offices
10. Commercialization Offices
11. Library/Institutional Repository

Key players



1. Grants consultants

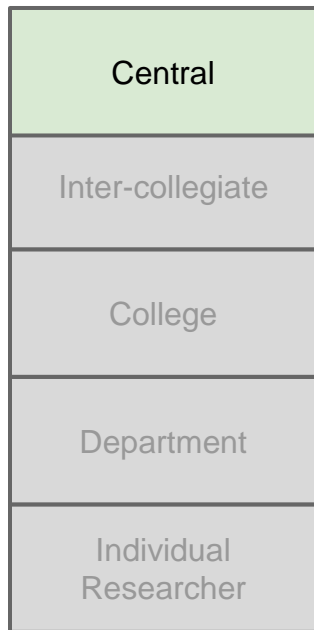


- Assist faculty in grant writing
- Knowledge of agency requirements
- Can refer to other relevant services
- First level Data Mgmt Advisers

Key players



2. Sponsored Project Administration

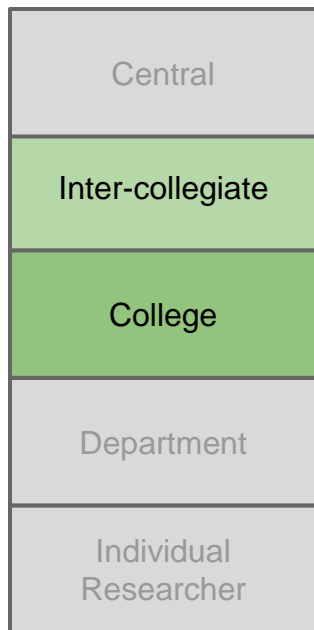


- Required step for grant submission
- Compliance, requirement oriented
- May offer grant training, resources

Key players



3. Collegiate Research Deans

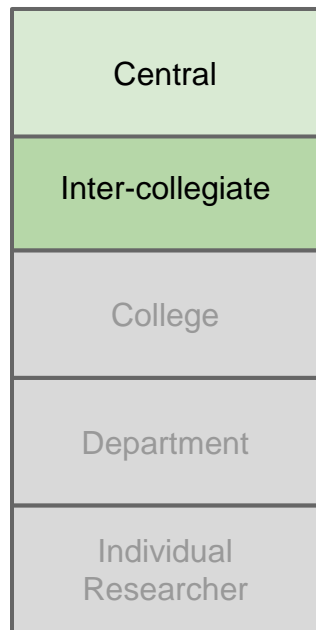


- Aware of research climate in college
- Advocates for promoting services
- New faculty orientation, classes



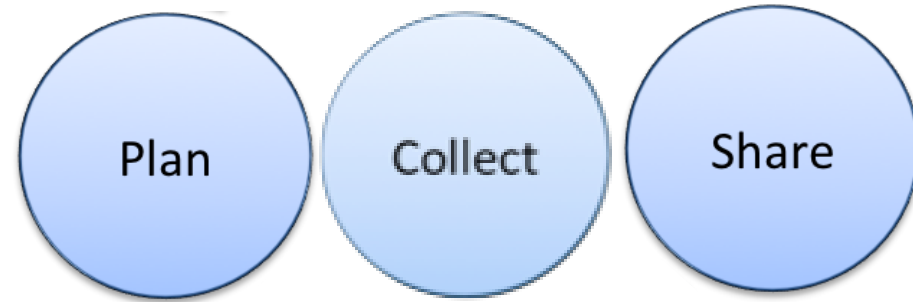
Key players

4. Institutional Review Board (IRB)

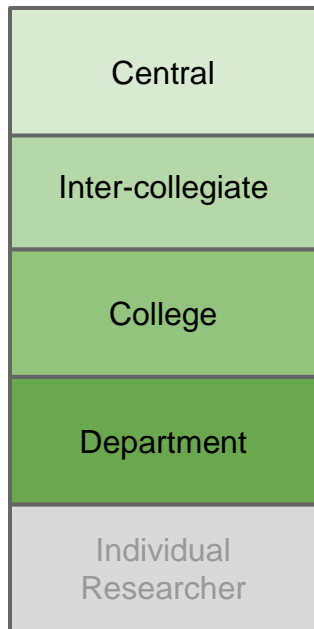


- Approves all Human Subjects Research
- Important ally in facilitating data sharing and reuse

Key players

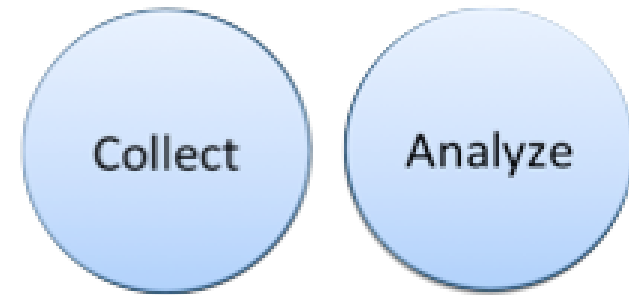


5. IT System Administrators

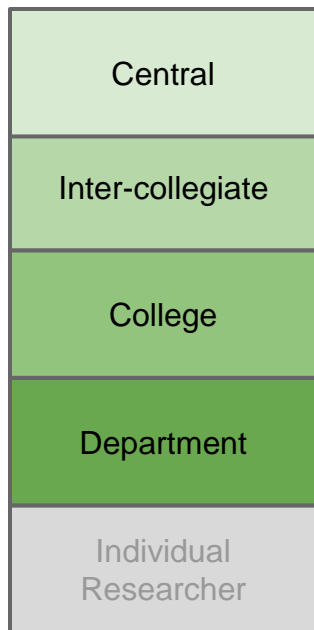


- Provide researchers estimates for servers, storage, other solutions
- Aware of technology tools available
- Security constraints for storage, collaboration, sharing tools

Key players

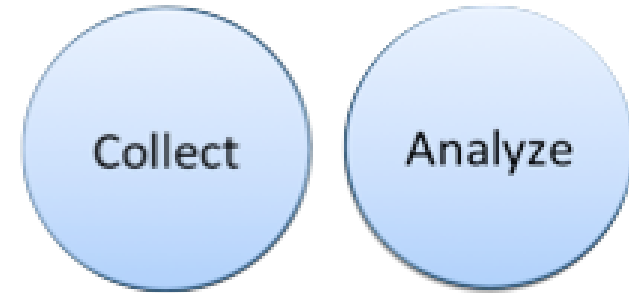


6. Research Support, Survey, Data Collection Offices

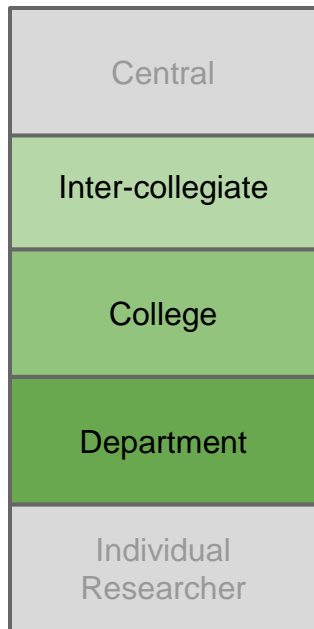


- Work with researchers in designing, collecting, analyzing data
- Discipline-specific knowledge
- Potential to integrate best practices into support

Key players

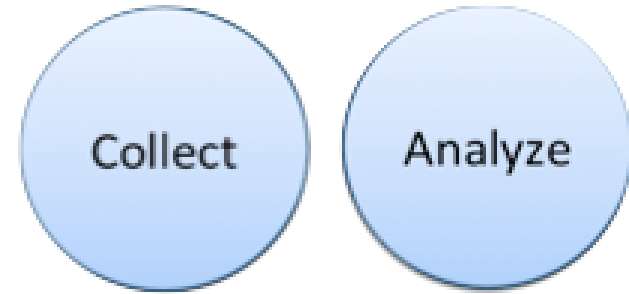


7. Statistical Consulting Offices

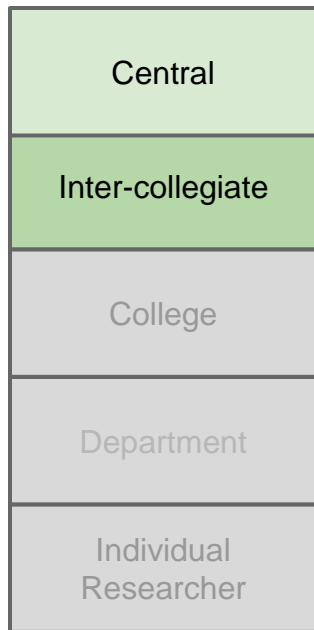


- Sample sizes, statistical analyses
- Opportunities to promote replicable statistical workflows
- May have experience dealing with large datasets, de-identification

Key players

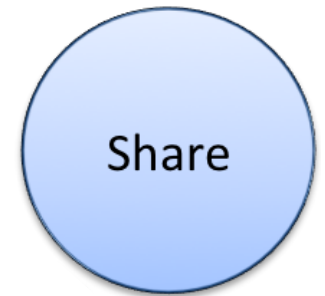


8. Data Security Offices

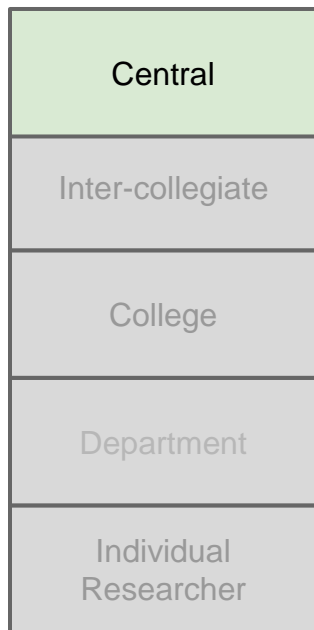


- Contribute to and implement University security policies
- Opportunity to harmonize University data policies with funder expectations
- Opportunity to refine data security categorization

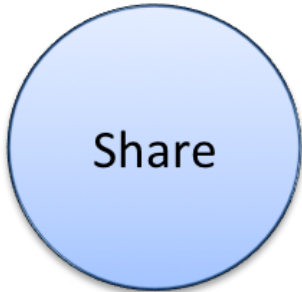
Key players



9. Copyright Librarian/Legal Counsel



- Knowledgable about legal sharing restrictions
- Not all data are created by the researcher using them
- Intellectual property rights



Key players

10. Commercialization Office

Central
Inter-collegiate
College
Department
Individual Researcher

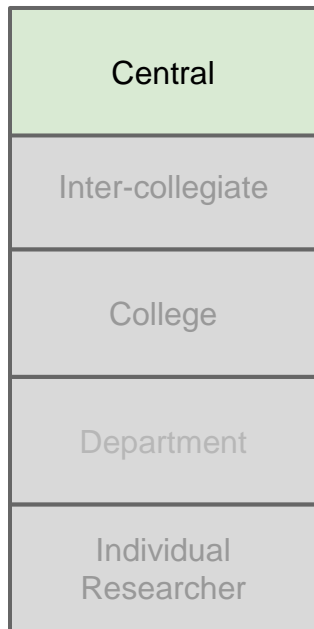
- Commercialization IS relevant to social science research



Key players

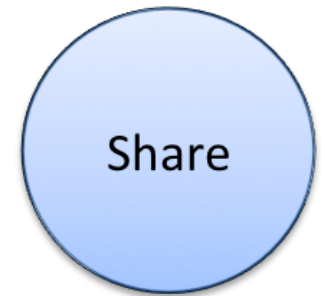


10. Commercialization Office

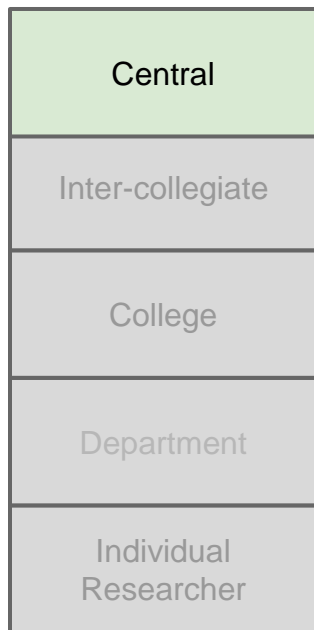


- Commercialization IS relevant to social science research - MMPI!
- Commercial value may take years to become apparent
- Provide guidance on how to share without removing commercial options

Key players



11. Library/Institutional Repository



- Provide broad, accessible data management services
- Specialized skills: Metadata, curation, preservation

Summary - It Takes a Village!

- Distributed service providers require common vision to be effective
- Providers need to proactively consider needs beyond their offices
- The data support village exists across levels and boundaries of the institution as well as across the lifecycle of data management

Thank you! Questions?

Alicia Hofelich Mohr hofelich@umn.edu
Thomas Lindsay lindsayt@umn.edu

The University of Minnesota is an equal opportunity educator and employer.