Coordinating Data Services in the Lab: Connecting The Research Lifecycle

Medical Library Association

2022 Annual Meeting

Julie Goldman (she/her)
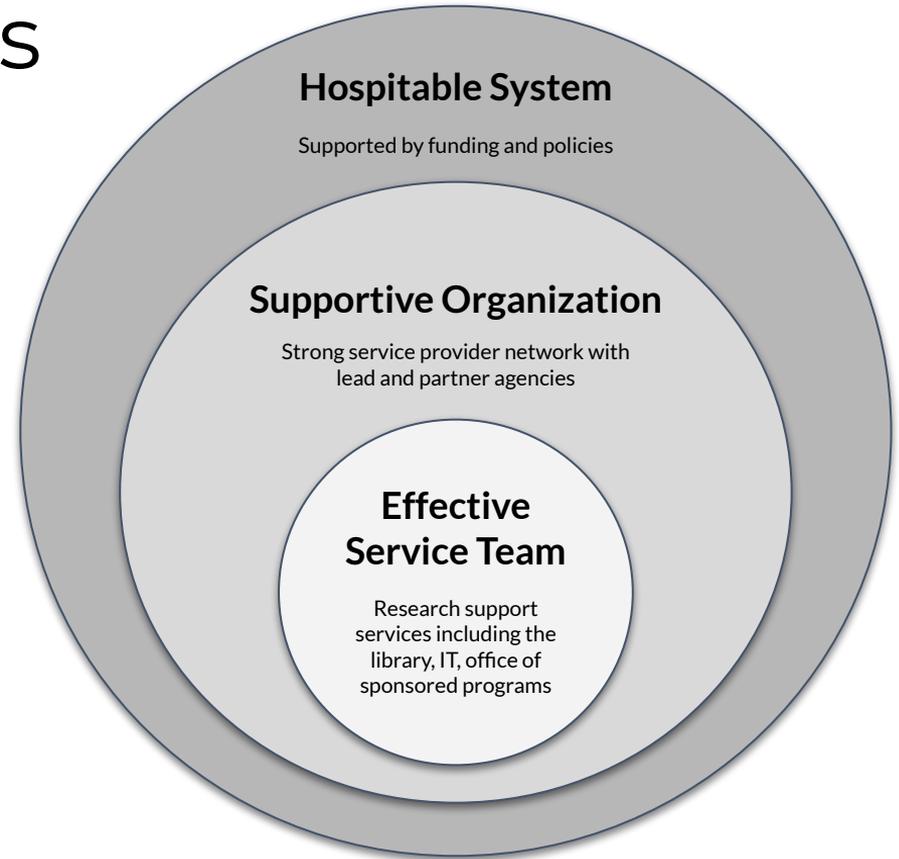julie_goldman@harvard.edu

Slides in Zenodo
10.5281/zenodo.6462246

Coordinated Services

Three Levels of Supports:

- Effective Service Team

  - Library, IT, Office of Research, Research Labs & Cores, Archives

- Supportive Organization

  - Strong service network with open communication avenues

- Hospitable System

  - Funding, Policies

Hospitable System

Supported by funding and policies

Supportive Organization

Strong service provider network with lead and partner agencies

Effective Service Team

Research support services including the library, IT, office of sponsored programs

HARVARD
COUNTWAY LIBRARY

Julie Goldman
Research Data Services

Service Partners Across the Lifecycle

HARVARD
COUNTWAY LIBRARY

Julie Goldman
Research Data Services

Service Partners Across the Lifecycle

Research Data Lifecycle by LMA RDMWG

Julie Goldman
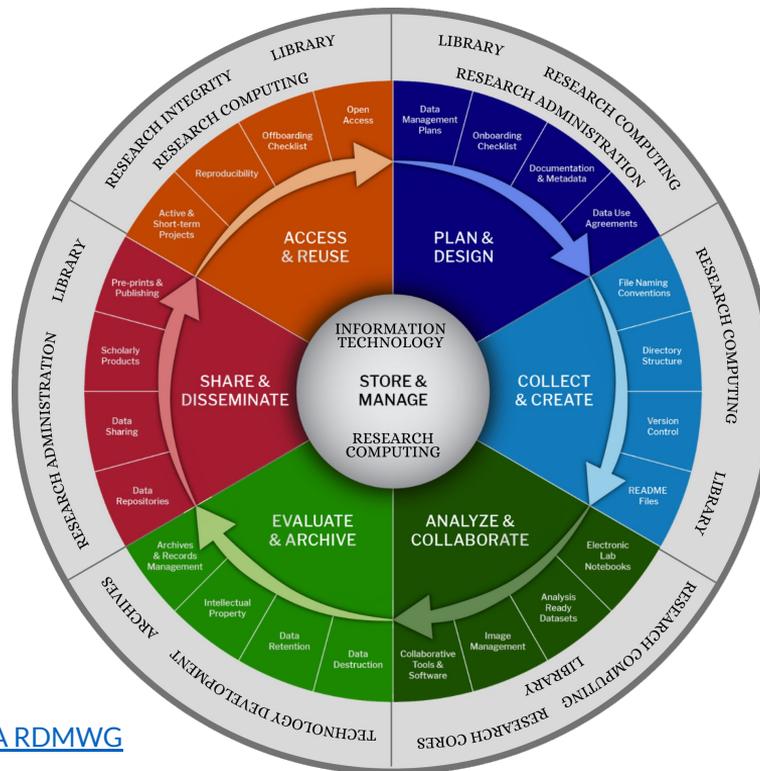Research Data Services

Service Partners Across the Lifecycle

DATA SHARING PRACTICES

Library assists with curating, sharing, and depositing data in a repository

Research Administration ensures compliance with regulations & policies

DATA COLLECTION PRACTICES

Library helps with data organization and documentation practices

Research Computing assists with storage of data files and offers classes on HPC

Research Data Lifecycle by LMA RDMWG

Julie Goldman
Research Data Services

HARVARD
COUNTWAY LIBRARY

Service Offering: Tailored Resources

Why Tailored Resources?

- Captures employee institutional (or project) knowledge

- Documents essential information related to projects and datasets to enhance research production and consistency

- Reduces the amount of wasted time spent by others in the lab and duplication or unnecessary retention of immaterial data

Why Onboarding & Offboarding?

- Traditional employee orientations do not discuss data

- Data accessibility and findability are hindered with improper offboarding

- An employee's departure can negatively impact segments of the data lifecycle

- Creates lab standards for data collection and storage

- Motivating researchers and PIs is easier with prevailing policies and procedures

HARVARD
COUNTWAY LIBRARY

Julie Goldman
Research Data Services

Service Offering: Tailored Resources

Why Tailored Resources?

- Captures empl...
- Documen...
  dataset...
- Reduc...
  and ...

Why Onb...

- Trad...
- Data a...
  offboard...
- An employe...
  the data lifecyc...
- Creates lab standards fo... ...storage
- Motivating researchers and PIs is easier with prevailing policies and procedures

> The transition to the new checklist has been seamless, and feedback from lab members on the new forms has been overwhelmingly positive.
>
> *Jessica Weber*
> *Lab Data Manager, HMS Church Lab*

HARVARD
COUNTWAY LIBRARY

Julie Goldman
Research Data Services

Planning Ahead: NIH DMSP

Cohesive and coordinated messaging:

- Created institutionally supported templates in **DMPTool** with organization-specific guidance, resources, and examples

- Coordinating Harvard University and also Harvard Medical School responses to the 2023 forthcoming **NIH Policy for Data Management and Sharing**

- While we communicate the seriousness of this policy, we are also **leveraging existing resources and expertise** to lessen the burden to this culture changing policy

HARVARD
COUNTWAY LIBRARY

LIBRARY.HARVARD.EDU
@lmardmwg

Julie Goldman
Research Data Services

Coordination & Collaboration is Key

Universities need to collaborate between research, libraries, and IT:

- Catalog all the services offered to support research data

- Centralize costly and complex services

- Build workflows to integrate services, research tools, computing, and repositories

- Offer resources and expertise to meet researcher's challenges and needs

All resources created by the LMA Research Data Management Working Group are available in Open Science Framework

HARVARD
COUNTWAY LIBRARY

LIBRARY.HARVARD.EDU
@lmardmwg

Julie Goldman
Research Data Services

Coordinating Data Services in the Lab: Connecting The Research Lifecycle

Medical Library Association

2022 Annual Meeting

Julie Goldman (she/her)
julie_goldman@harvard.edu

Slides in Zenodo
10.5281/zenodo.6462246

HARVARD
COUNTWAY LIBRARY

Julie Goldman
Research Data Services