Data Services without a Data Librarian

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Intro/History/Background

UofL?

Why data?

No funding for a Data Librarian
Where to Begin?

- Connect With Organizations Already Providing Data Management Services On Your Campus
- Develop a comprehensive LibGuide
- Create Infographics, videos, online learning modules, and other products
Connect with organizations providing data management services on your campus

- Office of Research
- IT Centers
- Research Laboratories
- Departments with disciplines related to life science, physical science, humanities, social science, health science, and engineering
Develop a LibGuide

At the University of Louisville we included the following sections in our Data Management LibGuide:

Benefits of Data Management – Stress the key points of why data management is important: reusability, reproducibility, repeatability, and to meet funding requirements

Data Management Plan (DMP) – Provide details about the components of a DMP, which funding organizations require DMP’s, and include examples and online tools

Metadata – Metadata is often a component required in DMP’s and a section should be devoted to explaining the importance of metadata with links to different schemas and standards
Sections of LibGuide Continued

Preservation and Data Repositories – Provide file management tools and examples of subject specific and well regarded Data Repositories

Data Storage and Backup – Emphasize security and sustainability in data storage and backups

Citing Data Sets – Citing data sets is as important as citing any other source of information and citation elements and references are helpful tools for researchers

Resources – Many institutions including ALA, MIT, Southeastern Universities Research Association, DataONE, and the UK Data Archive have developed free online resources for researchers and librarians to learn more about data management and they can be compiled in a helpful resources section
Data Management LibGuide

Currently Undergoing Renovations – Potentially moving towards Management and Discovery of Research Data

https://library.louisville.edu/ekstrom/datamanagement
Create products that further the data literacy movement at your institution

Example of an Infographic developed using the free service Piktochart (piktochart.com) to explain the importance of Data Management. This infographic was developed for a website created by the Ekstrom Library's Online Learning Team.
Next Steps

Funded position or shared position between Ekstrom Library and Kornhauser Library

All research librarians have a basic understanding of data repositories in their subject areas and ability to do a basic data interview and direct to appropriate expertise.

Develop online training modules around Data Management and Discovery