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Launching a new Data Management Service in a Health Science Library

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Launching a New Data Management Service in a Health Science Library

Sharon J Duffy, MLIS

Research Services Librarian

LSU Health Sciences Center, New Orleans



Objectives

- LSU Health Sciences Center
- Data Services Team
- Need for Data Services
- Preparation and Training
- Outputs
- Future Plans



LSU Health Sciences Center – New Orleans



Louisiana's flagship academic health science center



Six professional health schools with 3,000 enrolled students; 900 faculty members



\$225 million in research funding over the past 5 years; NIH is primary source

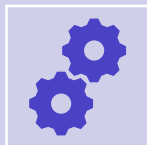


Wide range of bioscience research areas including infectious disease, genetics, cancer, neuroscience, and many more.

Libraries at LSU HSC - NO



Hired five new Librarians in 2022-2023



Moving toward service model, less liaison model



New NIH Data Management & Sharing Plan policy spurred action

Data Services Team

Sharon Duffy

Research Services Librarian

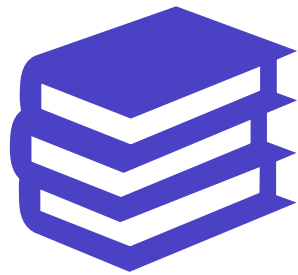


David Trillo

Scholarly Communication Librarian



Drivers for Data Services



Increase visibility of the Library in the area of institutional research.



Position the Library as a knowledgeable partner in the growing area of data management.



Provide education on data organization, storage, and preservation that they may not get elsewhere.

Training Acquired

- Data Services librarians earned MLA's Data Services Specialization certifications in November 2022
 - Focus on five skill areas of data science:
 - Applying principles of data literacy
 - Establishing and advancing data services
 - Supporting research data best practices across the data lifecycle
 - Applying knowledge of research methods, ethics and rigor, and open science practices
 - Providing training and consultation on data-related topics
- Knowledgeable about impacts of new NIH Data Management and Sharing Policy (effective Jan 25, 2023)
- Personal experience as Analytical Chemist

Outputs

LibGuide

Campus Wide Presentation

Guest Lecture

Inquiries from Researchers

LibGuide on Data Management

- Establish a place to organize info and resources
- Identify ourselves as the experts and Library contacts
- Primary topic was new NIH policy
- Data Sharing background info and resources
- Data Repositories

Usage Statistics:

- Over 500 views (Nov 22 - Aug 23)
- Increase in activity in late March and late June
- Will monitor and use data to plan outreach



Campus Wide Presentation

- Utilized existing monthly platform run by IT department
- 12 - 1pm monthly event - "IT Office Hours"
- Created ~30 minute presentation for Feb 15, 2023
- *The New NIH Data Management & Sharing Policy: Tools and Resources for Researchers*
 - Data sharing
 - NIH definitions of data
 - Elements of new required data management plans
 - NIH Resources
 - **DMPTool demonstration**
- Created handout of all links shared in presentation
- Recording/slides posted on IT Office Hours website

Usage Statistics:

Attended by 70 people; 23 views of recording



Guest Lecture

- Invited to lecture to Graduate Nursing class - Big Data (July 2023)
- Result of an instructor viewing our IT Office Hours event
- Created a 50 minute lecture
 - Data lifecycle
 - "Reproducibility Crisis"
 - Open Science
 - FAIR data practices
 - Good data management practices
 - NIH policy
 - Data repositories
- Plan to use material for multiple future classes

Statistics:

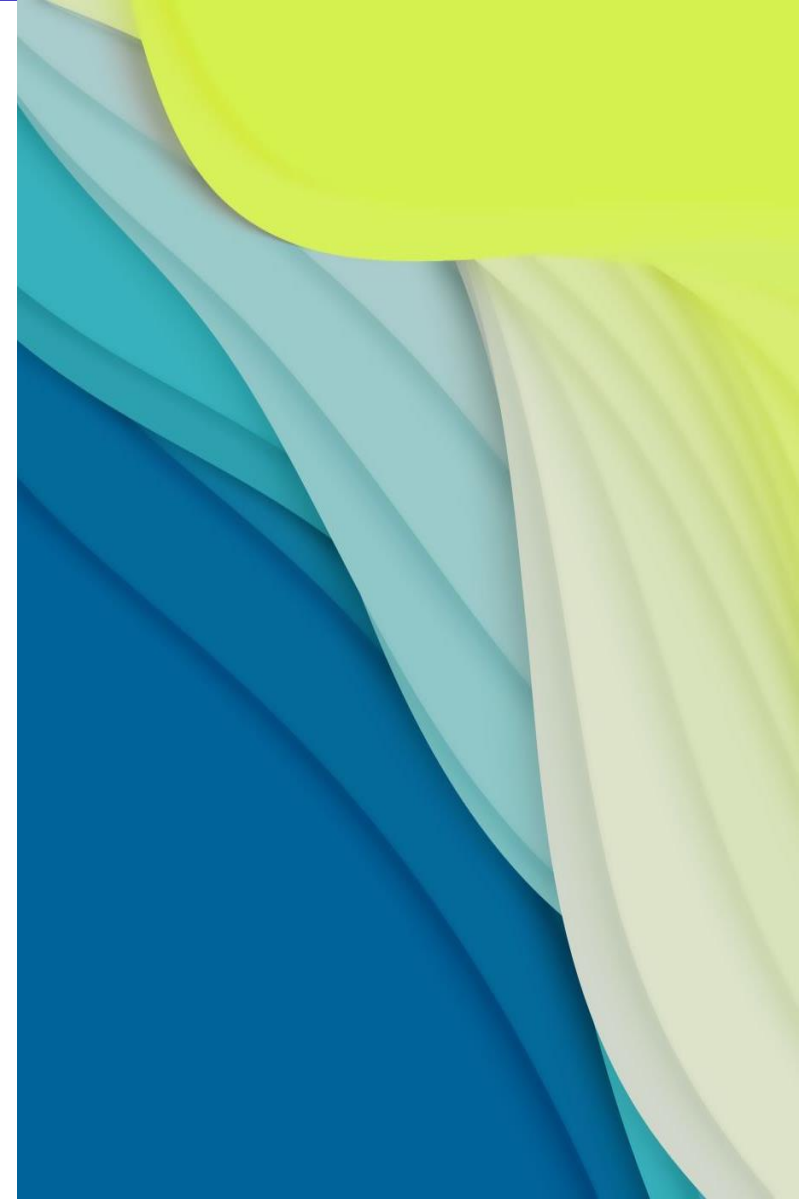
- 5 students + 2 instructors
- Very engaging session
- Ran over 60 minutes due to questions and conversations

Inquiries from Researchers

- Questions received from researchers
 - Need assistance with putting together DMSP for NIH grant application
 - Repository inquiries
- Office of Research Services is referring these inquiries to us
- LibGuide and DMPTool have answered most questions

Statistics:

- 3 questions about DMP
- 2 questions about Repositories



Future Goals for Data Services

Stand-alone classes on Data topics

Integration with Office of Research Services and grant application process

Library known as best resource for all data management needs

Fall 2023: Participating in Data Services Continuing Professional Education (DSCPE) - 8 week online intensive class to prepare librarians for data services

Thank you!

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lsuhsc.edu/library

