Planning for Success: The Impact of Data Management Plans on Grant Awards and Grant-Funded Research

- **Project Lead**: Sara Mannheimer

- **Organization**: Montana State University-Bozeman

- **Goal**: Enhance understanding of DMPs' impact on grant awards and grant-funded research, helping health sciences libraries build stronger data services and promote the value of those services.

- **Strategy**: Create a data management plan (DMP) toolkit.

Sara Mannheimer
Data Librarian
Montana State University
@saramannheimer

1.
INITIAL INSPIRATION

Are DMPs useful?

- Data Librarians help researchers write DMPs for grants

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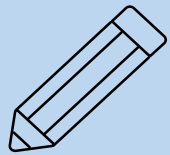- But do researchers actually use DMPs?

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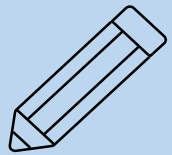- Do high-quality DMPs lead to grant success?

Are DMPs useful?

○ Data Librarians help researchers write DMPs for grants

○ But do researchers actually use DMPs?

○ Do high-quality DMPs lead to grant success?

○ Does writing a DMP encourage researchers to facilitate data reuse through formatting, description, and publication?

RESEARCH DESIGN

Analyze 200 awarded and declined DMPs from Montana State University

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Interview 17 principal investigators at Montana State University about data management practices

RESULTS

○ Patterns emerged from the data

○ DMPs were consistently stronger in some areas and weaker in others

○ Researchers wanted to see examples of "good" DMPs

RESULTS

Time spent on DMP ⟷ "Good-enough" quality

UNEXPECTED RESULTS

○ Making connections with researchers

○ Learning more about how research is conducting on campus

○ Learning more about researchers' data needs