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Part of: **Publishers & Librarians Forum: Research/Publisher partnerships fostering universal data access**

At **MPS Open Data Workshop 1: Gauging the Impact of Requirements for Public Access to Data**, held in Arlington, VA

Area of interest

NSF Public Access Plan - Section 15 - Training and Workforce Development

http://nsf.gov/publications/pub_summ.jsp?ods_key=nsf15052

Ideals/Goals

- Enhance and speed discovery through open data
- Open data could benefit Team Science
 - Making connections
 - Social networks
- Open data could benefit "Broader Impacts" requirements

Librarian perspective

- Bring outside perspective to research groups, faculty, PIs
- Support and collaborate with PIs at various touchpoints in the research cycle
 - How to change culture?
 - How to build into their workflow?
- Librarians asked to contribute/teach to a wide variety of areas
 - How to cite and awareness of plagiarism
 - How to write
 - How to present – orally, PowerPoints, and posters
 - Ethics
 - Safety
 - Searching for employment

Data literacy and visual literacy

- Assess quality of data, metadata, and repositories
- Trend in teaching with the primary literature can also take advantage of data used in the publication
- Reproducibility - use data in a class assignment/project to assist in teaching students about experimental design and data analysis; real-world problems

Problems/Issues/Concerns

- "People" aspect - often not explicitly discussed in data management plan guidance
 - From personal experience, data management plans miss naming specific people/positions to implement the plan
- Who is going to teach future researchers?
 - More than just a requirement
 - Efficient work habits
 - Workflow – practice and associated tools
- Shifting cultures at different speeds within different disciplines