Data Sharing Requirements: Balancing Expectations, Compliance, and Support

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Public Access Plans: A Look at Data Side

• Data policies still emerging and in development
• Potential for additional compliance burden
• Opportunity to harmonize requirements
Public Access Plans
“How to share data”

• Deposit in publicly accessible repositories
  – Institutional repositories or commercial options
  – Prefer federal repositories, existing or to be established
  – Deposit with publication as supplemental information or in publications repository
  – Central or cloud repository options
  – Repository vetting criteria or approved repository list
• Add to current or future agency managed data catalogues
• Deposit data in machine readable format, require descriptions and links to publication, define levels of access, etc.
• Deposit time (upon publication, within 12 months, 30 months, etc.)

...“at no more than incremental cost”... evaluate cost/benefit
Data Sharing Costs

- More involved data management plan preparation
- Reporting through multiple systems with divergent compliance monitoring approaches
- Determining what data should be shared? Underlying a publication? Full study/project? Raw data? Code?
- Work needed to preparing the data for sharing e.g. de-identifying human subjects data (if even possible)
- Time to prepare metadata, consider licensing, understand and complete deposit process
- Administrative tracking of data deposit, terms of deposit, repository assurances
- And more...
What can libraries do?

*In community*

What can libraries do?

At home

Support culture change (understand motivators)

• Influence policy develop at the institution

• Identify/grow data management/sharing compliance and support services
  – Partner (Research Administration, IT, etc.)
  – Focus on adding value in scoped areas of expertise
  – Start preparing for next wave of requirements
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Preparing Data Management Plans

- Idea / proposal
- Acquire data
- Data management during the project

Best Practices for Data Management and Sharing

- Removing identifiers from human subject data

Preparing Research Data for Archiving

- Data re-use / discovery
- Preservation
- Dissemination
- Archiving

Best Practices for Sharing Research Data within Spreadsheets

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Research Data Sharing

Objectives Surfaced in Public Access Plans
Questions/Comments/Ideas?

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