Exploiting Expertise

DOMAIN-BASED DATA SERVICES TRAINING FOR LIBRARIANS

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Failure.
By providing domain-based data services training for librarians, we address a specific void between subject librarians and their researchers.
Team
Approach & Programmatic Outcomes

Librarians and library staff will understand the data management needs of researchers in their domain and incorporate that awareness into reference and instruction work.
1. Identify & determine division learning outcomes
2. Plan content delivery dates and settings
3. Develop communication plan with the division
4. Contact guest speakers (where applicable)
5. Designate responsibility for curriculum & develop questions for assessment
Structure of Training

6. Rehearse & review (return to step 5)

7. Deliver workshop

8. Review the workshop and analyze feedback

9. Begin planning for next workshop (repeat 5-8)

10. Review training cycle with division heads
Workshops Offered

SOCIAL SCIENCES
• Springboard to RDM
• ICPSR & social science data repositories
• RDM Learning Objects for LibGuides
• Data Literacy

ENGINEERING / LIFE SCIENCES
• RDM Entry Points for Reference Interviews
• Introduction to Git & Github
• Bibliometric Mapping
• Open Science & Reproducibility
Assessment

86%
Assessment

Pretest, Post-test questions:

How comfortable would you feel talking to a researcher about bibliometric visualization?

Pre-test average: 1.93

Post-test average: 3.12

\[ \Delta \ 1.19 \]
Assessment

How likely are you to use or further explore git & GitHub after today’s session?

(1=very unlikely; 5=very likely)

μ = 4.3
Lessons Learned

- Structure is key
- Aim for the middle
- Needs vary widely
- Partner needs vary widely
Thank you!

BIT.LY/2FLFQ89
Drivers of RDM Initiatives

• Funder requirements*
• Reproducibility concerns*
• Scholarly Communications/Open Access Publishing initiatives*
• Data Preservation (often must now include process documentation, software curation)*
• Campus Risk Management efforts‡
• Roadblocks and problems arising from increase in data-intensive research, switch from analog data to digital data‡
• Relatively new data management techniques made possible by cloud storage and cloud computing‡

* Tends to fall into Library's “wheelhouse”
‡ Tends to fall into Research IT’s “wheelhouse"
Questions Moving Forward:

1. What is the outcome for librarians?
2. What is the outcome for ResearchIT and RDM?
3. How does the partnership remain valuable but flexible?