

IASSIST & CARTO 2018



Once Upon a Data Point: Sustaining our Data Storytellers

Teacher, Tell Us a Data Story!

Moving Toward Best Practices in Data Librarian Education

Panel (F3) at IASSIST & CARTO 2018 Conference, 31 May, 16:15-18:00

Who we are:

ABIGAIL GOBEN (University of Illinois at Chicago) co-developed and launched the Association for College and Research Libraries' Research Data Management Roadshow, a full-day training workshop for librarians introducing RDM support.

MARGARET SMITH (New York University) has taught a face-to-face semester-long "Data Librarianship and Management" course for Pratt Institute for the last three years.

Who we are:

DEENA YANOFISKY (University of Toronto Scarborough) has taught 'one shot' lectures to library science/iSchool students in programs where there are no data services specific classes.

MANDY SWYGART-HOBAUGH (Georgia State University) has taught an online semester-long "Data Services in Libraries" course for San José State University for three semesters.



Data Services Librarian Unicorn Epidemic

& Challenges for Teaching Aspiring and Current Librarians

How this will work:

1. We'll post a question (5 ?s total).
2. Each panelist responds in turn (~3 minutes per panelist = 12 minutes per ?).
3. We'll open it for discussion with attendees (~5 minutes per ?).
4. We'll proceed to the next question...
5. Repeat till done.

What areas of "data services" do you cover in your teaching, and why?

What is one particular assignment or activity you have your students/attendees do that you find particularly effective, and why?

Data Engagement Opportunities

This document is intended to provide ideas for library and information professionals in how they MIGHT progress in data skills in specific areas. This document should not be used as a position description for any one individual. Instead, it provides areas for how research data skills MAY be implemented across an institution depending upon individual, institutional, and programmatic goals.

	Transferable Skills A	Research Data Lifecycle Phase B	Data Information Literacy Competency C	Engaged D	Collaborating E	Coordinating F	Measures of Success G
1	Reference interviewing, usability, Document storage, Knowledge management, Person resources management, Projects management, Reference services, User education, Problem solving, Scholarly communication, Understanding user demands and information needs, Research skills, Communication skills, Working in a team, Knowledge of current developments, Strategic planning, Ability to change rapidly, Service orientation, Lifecycle of information perspective, Long tail of information perspective, Systems of information perspective, Power dynamics inherent in information production perspective, Social dynamics of groups perspective	Creating Data	Data Management and Organization	Have a conversation with a researcher about their research process and data.	Organize projects to address identified RDM needs for a specific faculty member or researcher	Orchestrated research projects as a grant-supported data manager; review policies and protocols	Upward trend in "collaborative with researchers" number of templates available, "institutional collaborations" number of grants awarded
2	Knowledge of current developments, Reference interviewing, Understanding user demands and information needs, Information literacy instruction, Lifecycle of information perspective, Systems of information perspective, Participation in networks and consortia, Knowledge of subject content	Creating Data	Culture of Practice	Identify the research data management requirements for the most common grant funders for your disciplines.	Talk with researchers about the specific data management practices already in place in their labs and help them to slot those practices into data management plan form at.	Follow up with grant awardees to determine if they have specific data needs in order to fulfill their contractual obligations under the grant award.	Upward trend in "research data management plans as living documents"
3	Reference interviewing, Information literacy instruction, User education, problem solving, Scholarly communication, Strategic planning, Understanding user demands and information needs, Marketing, Communication skills, User interface, Knowledge of current developments, Digital collections, Archival practices, Security and privacy, Service orientation, Lifecycle of information perspective, Long tail of information perspective	Creating Data	Data Management and Organization	Speak with individuals about available tools and templates, such as DMPTool.org	Assign a researcher to conceptualize the parts of a DMP in an efficient manner to facilitate grant writing.	Create templates and boiler plate language that will facilitate the writing of the local repository to the data sharing site or research groups.	Upward trend in "number of DMPs completed by affiliated faculty members" number of awarded grants, "research data management plans as living documents"

ACRL Research Data Management Road Show Sapp Nelson, Goben. Data Engagement Opportunities Snippet.

<http://acrl.libguides.com/scholcomm/toolkit/RDMWorkshop>

Pick one challenge of teaching data librarianship...how do you try to overcome it?

Data services cannot be done in a vacuum. How do you prepare data librarians to collaborate both inside and beyond the library?

If you had to name one core skill that data librarians should have, what would that be and why?

What's Next?

- Kick-start an interest group to delineate best practices in data librarian education? *If interested in Interest Group, add name and email to*

bit.ly/f3panel