Data Information Literacy: Multiple Paths to a Single Goal

Jake R. Carlson  
*Purdue University*

Jon Jeffryes  
*University of Minnesota - Twin Cities*

Brian Westra  
*University of Oregon*

See next page for additional authors

Follow this and additional works at: https://escholarship.umassmed.edu/escience_symposium

Part of the Library and Information Science Commons

Repository Citation

This material is brought to you by eScholarship@UMMS. It has been accepted for inclusion in University of Massachusetts and New England Area Librarian e-Science Symposium by an authorized administrator of eScholarship@UMMS. For more information, please contact Lisa.Palmer@umassmed.edu.
Presenter Information
Jake R. Carlson, Jon Jeffryes, Brian Westra, and Sarah Wright

Keywords
data information literacy, graduate students, e-Science

Creative Commons License
This work is licensed under a Creative Commons Attribution-Noncommercial-Share Alike 3.0 License.

Rights and Permissions
Copyright the Author(s)
Data Information Literacy: Multiple Paths to a Single Goal
Jake Carlson, Purdue University; Jon Jeffryes, University of Minnesota;
Brian Westra, University of Oregon; Sarah Wright, Cornell University

Objective
What skills will graduate students need to be successful in managing, working with and curating their research data? This poster reports on initial results from a two-year project funded by the Institute of Museum and Library Services (IMLS) that is centered on exploring this question.

Methods
The project is comprised of five teams (each made up of a data services librarian, a subject or information literacy specialist and a faculty researcher) from four institutions. Each team conducted environment scans of the discipline and conducted interviews of their faculty partner and his graduate students. Using this knowledge each team developed an educational program tailored to their specific discipline and local practices.

Findings
Data Information Literacy: Multiple Paths to a Single Goal
Jake Carlson, Purdue University; Jon Jeffryes, University of Minnesota; Brian Westra, University of Oregon; Sarah Wright, Cornell University

- All 12 competencies were seen as important by faculty and graduate students.
- Lack of formal training in data management
- Lack of formal policies in the research team
- Self-directed learning through trial and error
- Focus on data mechanics and local, immediate needs over deeper concepts or application outside of the lab.

Note: Due to the small size and use of convenience sampling these findings cannot be generalized beyond this project.

Project Personnel: Jake Carlson (PI), Camille Andrews, Marianne Stowell Bracke, Michael Fosmire, Jon Jeffryes, Lisa Johnston, Megan Sapp Nelson, Dean Walton, Brian Westra, Sarah Wright.

Image Credits:

http://datainfolit.org