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Data Information Literacy: Multiple Paths to a Single Goal

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Data Information Literacy: Multiple Paths to a Single Goal

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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
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Discipline
- Natural Resources
- Civil Engineering
- Ecology
- Electrical & Computer Engineering
- Ag & Bio Engineering

Identified Needs
- Data Sharing
- Databases
- Metadata
- Data Ownership
- Long-term Access
- Metadata
- Closing Out a Grant
- Document-ation & Organization
- Transfer of Responsibility
- Data Sharing Protocols
- Metadata

Response
- Mini-Course
- Online Course
- Readings & Seminar
- Embedded Librarianship
- Workshops

Outcomes
- Faculty Engagement
- Application of Best Practices
- Completed DMP
- Improved Data Practices
- Awareness of Tools, Resources, and Best Practices
- Raised Awareness Resources for Evaluating Student Work
- Refine Existing SOPs on Data Checklist for Enforcing SOPs

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.