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10-22-2008

Introduction to Data Curation

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Westbrook, Elaine L., "Introduction to Data Curation" (2008). *Library Conference Presentations and Speeches*. 43.

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A photograph of a building with a dome, likely a library or university building, silhouetted against a bright orange and yellow sunset sky. The sun is low on the horizon, creating a strong lens flare effect. The image is partially obscured by a red curved shape on the right side.

Introduction to Data Curation

Elaine L. Westbrook
UNL Libraries Brown Bag

10/22/2007

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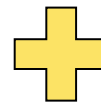
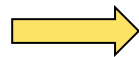
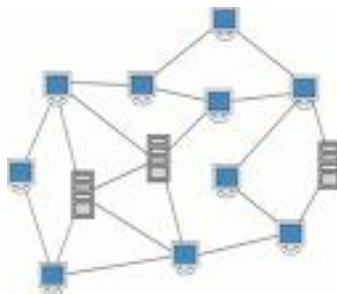
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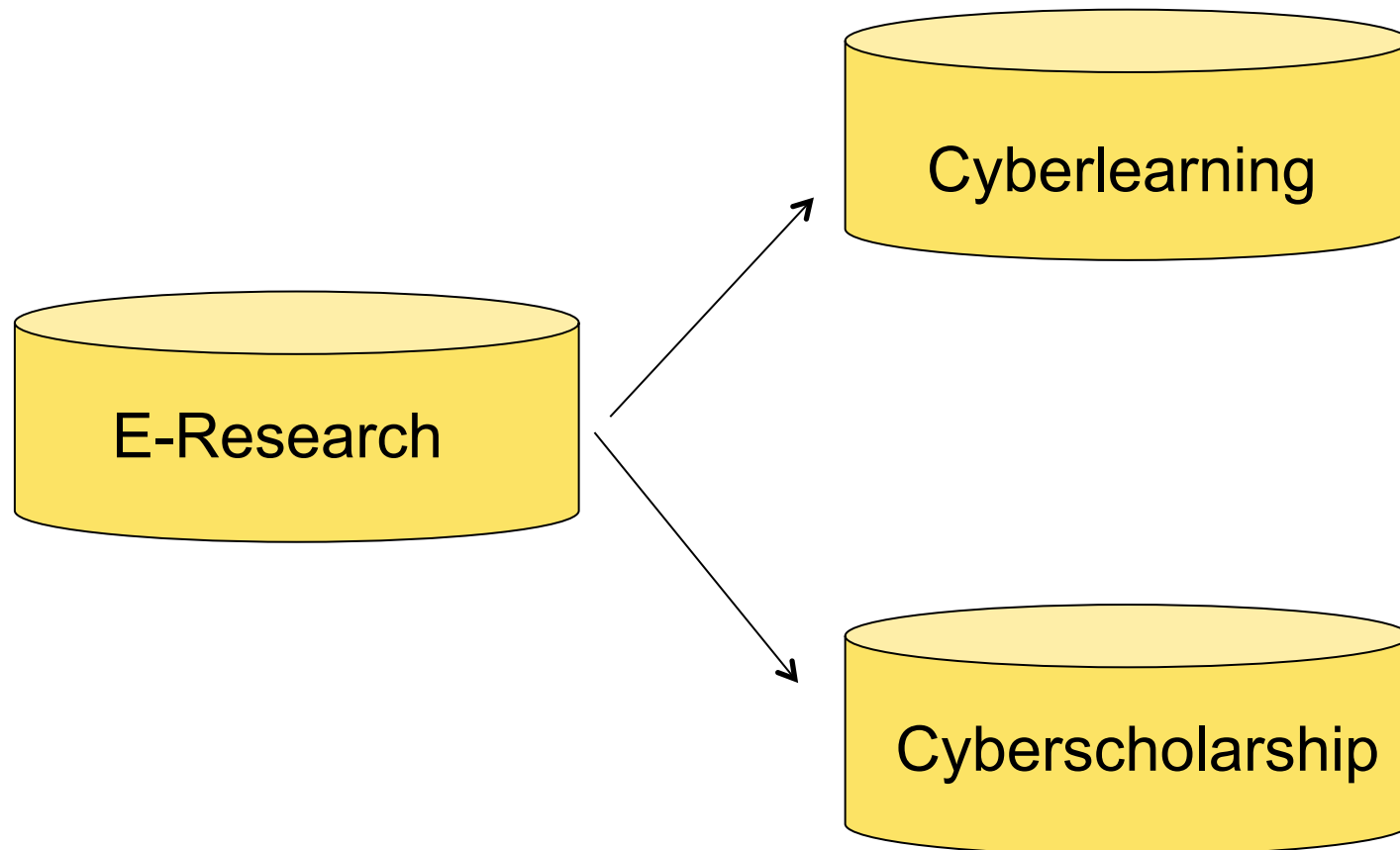
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“Few people as yet, outside the world of expert librarians and museum curators and so forth, know how manageable well-ordered facts can be made, however multitudinous, and how swiftly and completely even the rarest visions and the most recondite matters can be recalled, once they have been put in place in a well-ordered scheme of reference and reproduction.”







Literature Review

Revolutionizing Science and Engineering Through Cyberinfrastructure:

Report of the National Science Foundation
Blue-Ribbon Advisory Panel on
Cyberinfrastructure

January 2003

Daniel E. Atkins, Chair
University of Michigan

Kelvin K. Droegemeier
University of Oklahoma

Stuart I. Feldman
IBM

Hector Garcia-Molina
Stanford University

Michael L. Klein
University of Pennsylvania

David G. Messerschmitt
University of California at Berkeley

Paul Messina
California Institute of Technology

Jeremiah P. Ostriker
Princeton University

Margaret H. Wright
New York University

- January 2003
- Call to action
- NSF Funded



Literature Review

- January 2005
- Call to Action
- Open Access
- Cultural Heritage



National Consultation on Access to Scientific Research Data

Final Report
January 31, 2005

David F. Strong
and Peter B. Leach

NCASRD
National Consultation on
Access to Scientific
Research Data



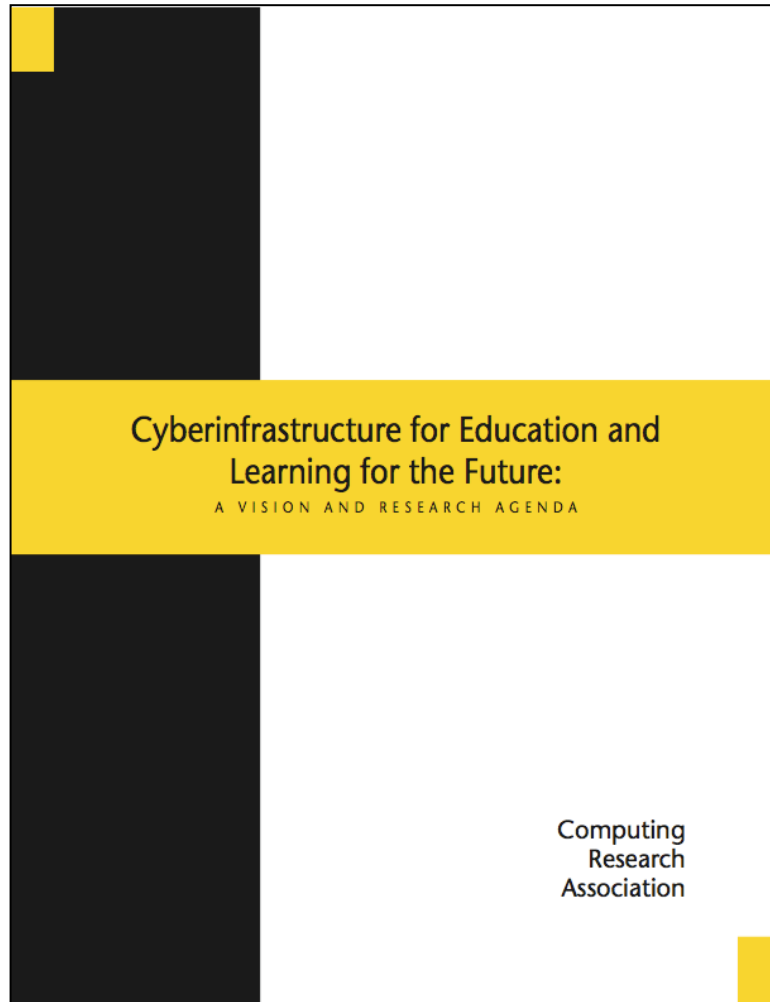
Government
of Canada

Gouvernement
du Canada

Canada



Literature Review

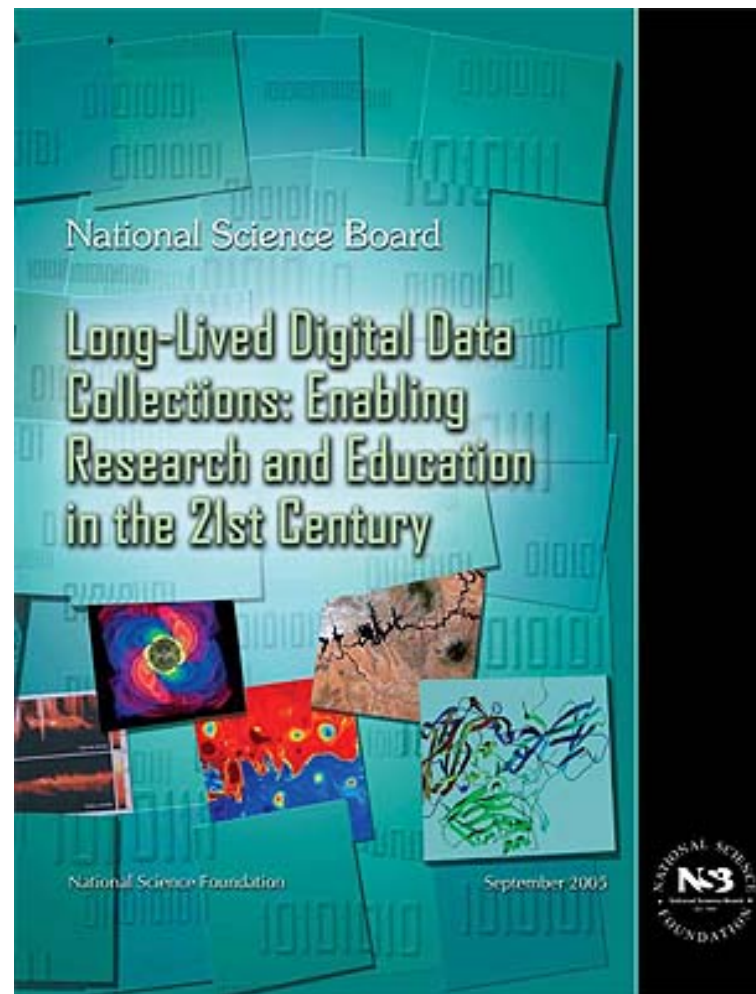


- Summer 2005
- CRA, International Society of the Learning Sciences, NSB
- NSF Funded

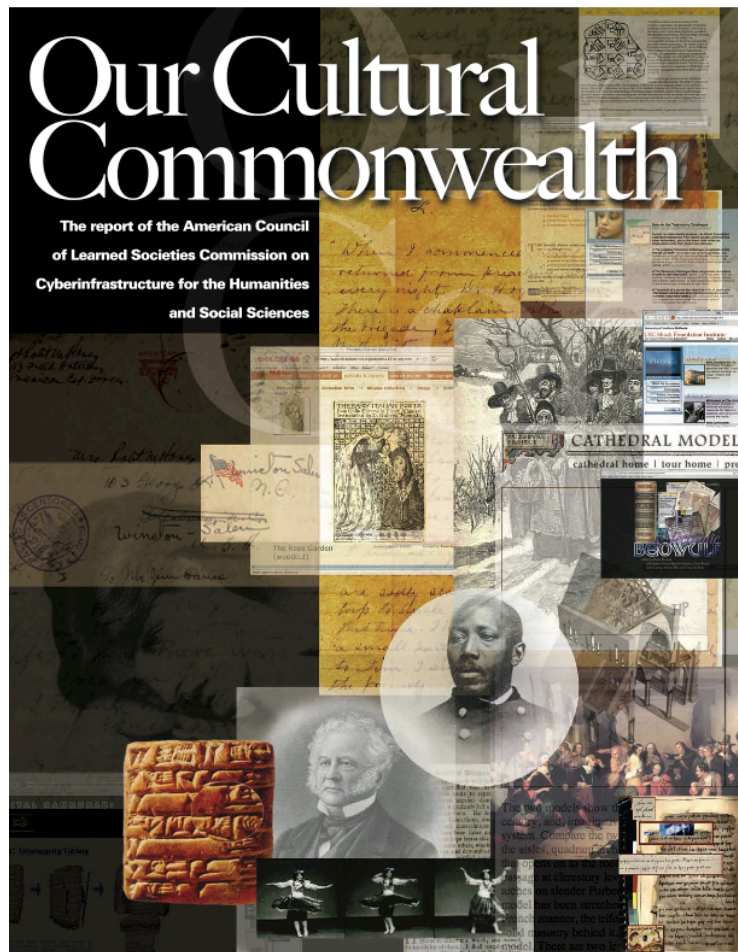


Literature Review

- September 2005
- NSB, NSF funded
- Broad Scope



Literature Review



- Fall 2006
- Humanities & interpretive social sciences
- Mellon Funded



Education



Illinois Informatics Institute
Invent. Imagine. Innovate.



GSLIS

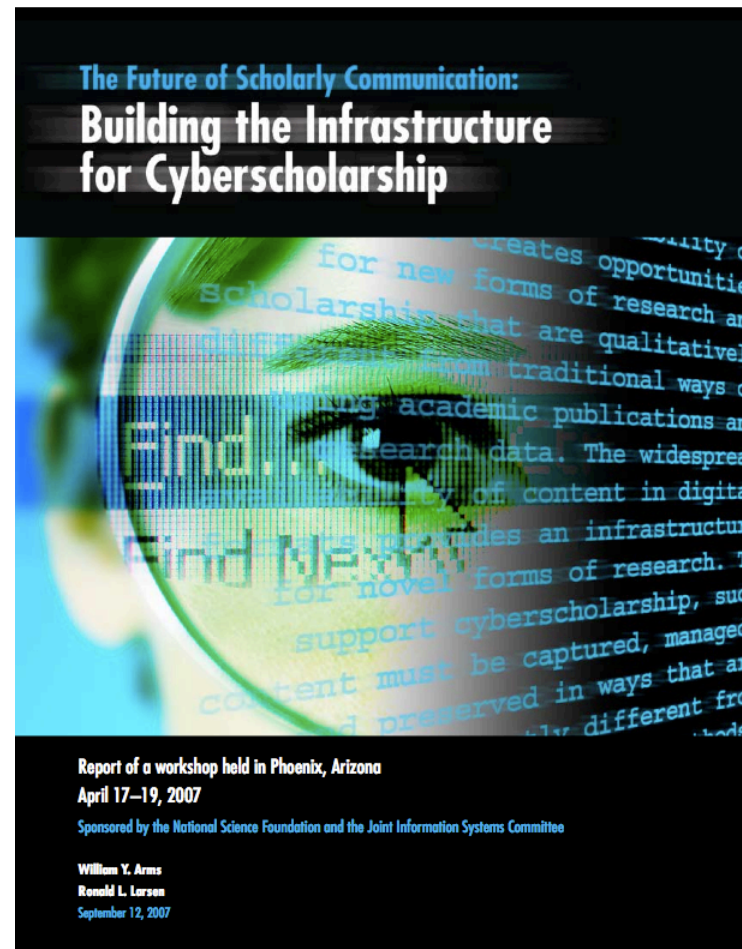
- 2/1/07
- New M.S. Degree Concentration, Data Curation

- 10/2/08
- \$892,028; IMLS
- DC & Humanities



Literature Review

- April 2007
- NSF Funded
- Cyberscholarship



<http://www.youtube.com/watch?=&JtBwmtfqzQ8>



Literature Review



- June 2008
- NSF Funded
- Cyberlearning



Data Curation vs Stewardship

is personal responsibility for taking care of another person's property or financial affairs.

a keeper of a museum or other collection; select, organize, and look after the items in (a collection or exhibition).

<http://www.youtube.com/watch?v=mgN74bR57i0>



Data / Digital Curation

The activity of managing and promoting of the use of data from its point of creation, to ensure it is fit for contemporary purposes and available for discovery and reuse

– *Philip Lord, Alison MacDonald, 2003*



Data/Digital Curation Defined

The active & ongoing management of data through its lifecycle of interest & usefulness to scholarship, science, & education....

– *Lorcan Dempsey, Blog Posting, February 26, 2007*



Data/Digital Curation Defined

The process of maintaining and adding value to a trusted body of digital information for current and future use

– *Jane Greenberg, 2007*



Data/Digital Curation Defined

A series of technical, intellectual, and managerial activities in support of stewardship for digital...information assets...

– *Oya Rieger, D-Lb, July/August 2007*



Thank You

Please visit the Data Curation Wiki
http://libinfo.unl.edu/datacuration/index.php/Main_Page



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