



# Introduction to Data Curation

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UNL Libraries Brown Bag

10/22/2007

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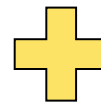
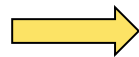
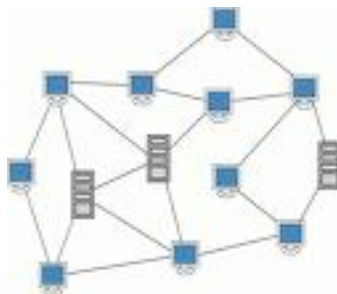
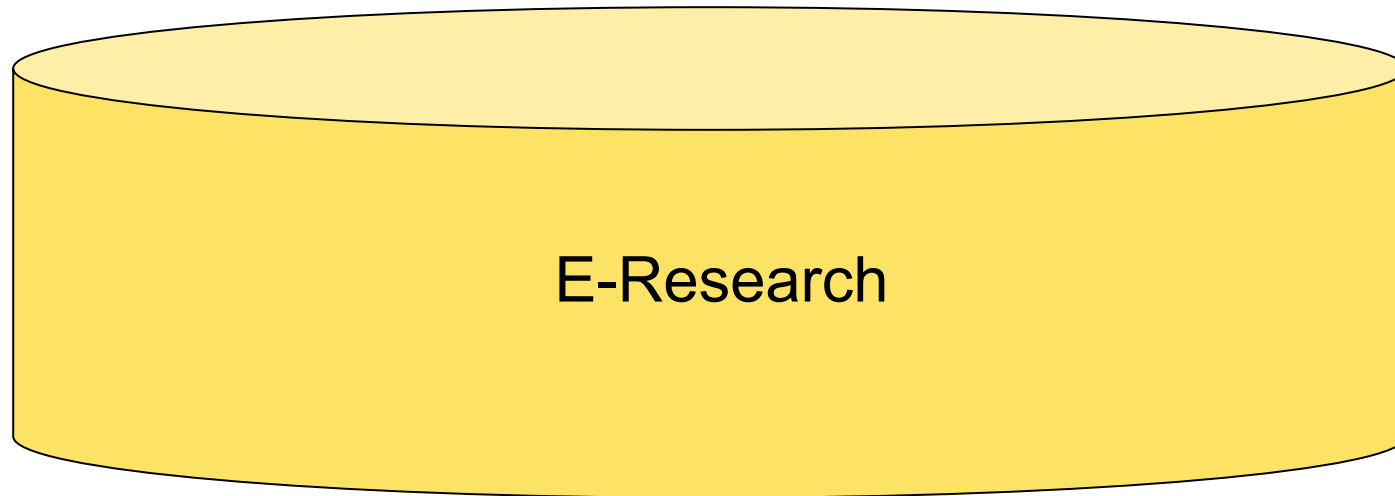
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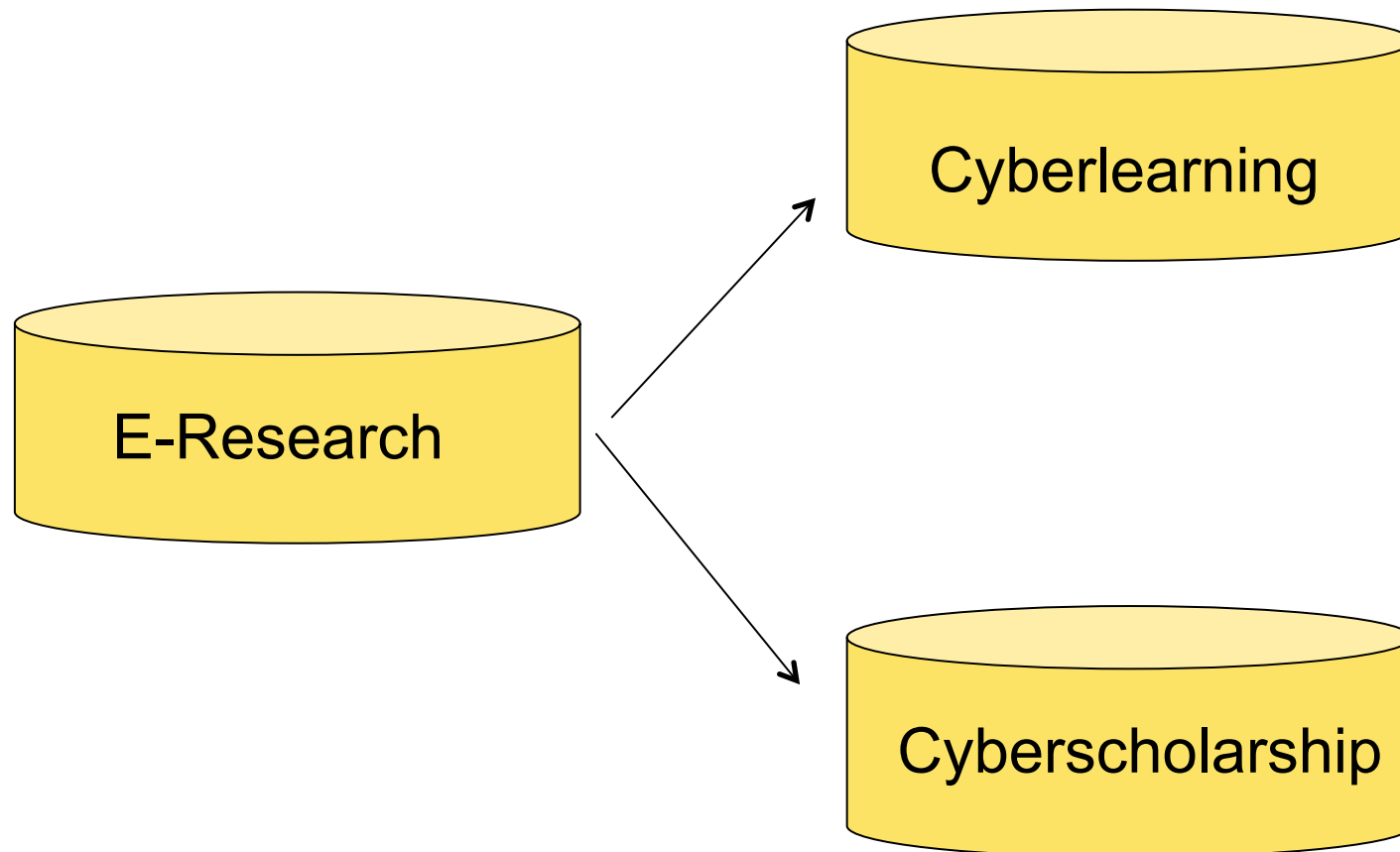
**UNIVERSITY OF NEBRASKA-LINCOLN**

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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

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## **Revolutionizing Science and Engineering Through Cyberinfrastructure:**

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

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January 2003

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**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

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- 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

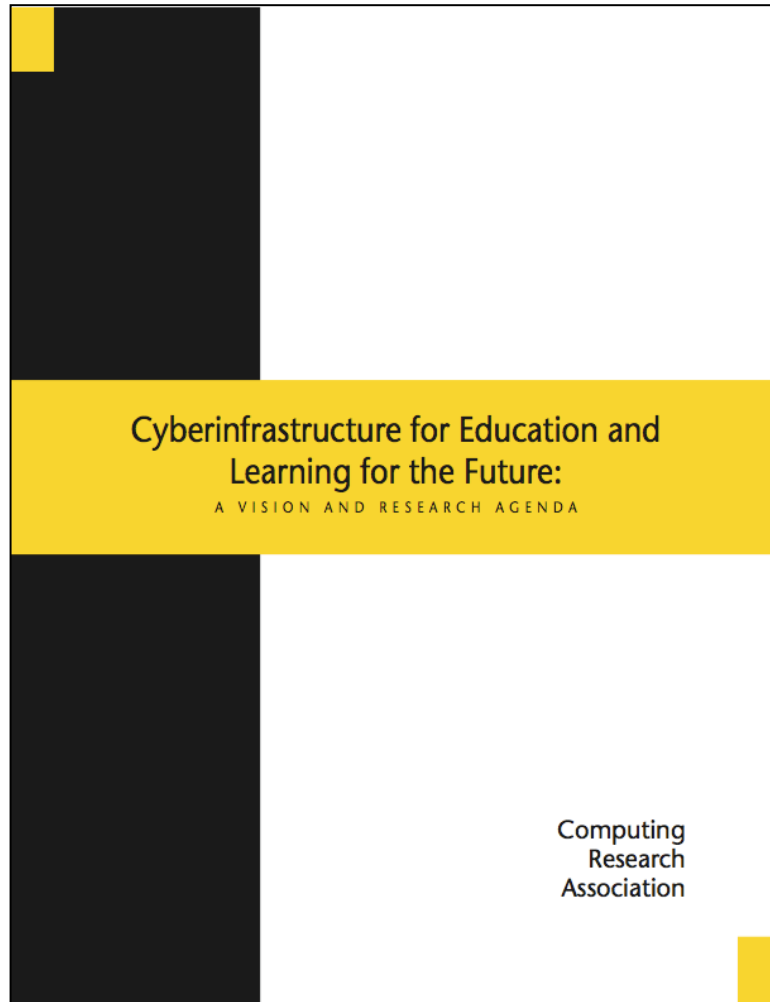
Canada





# Literature Review

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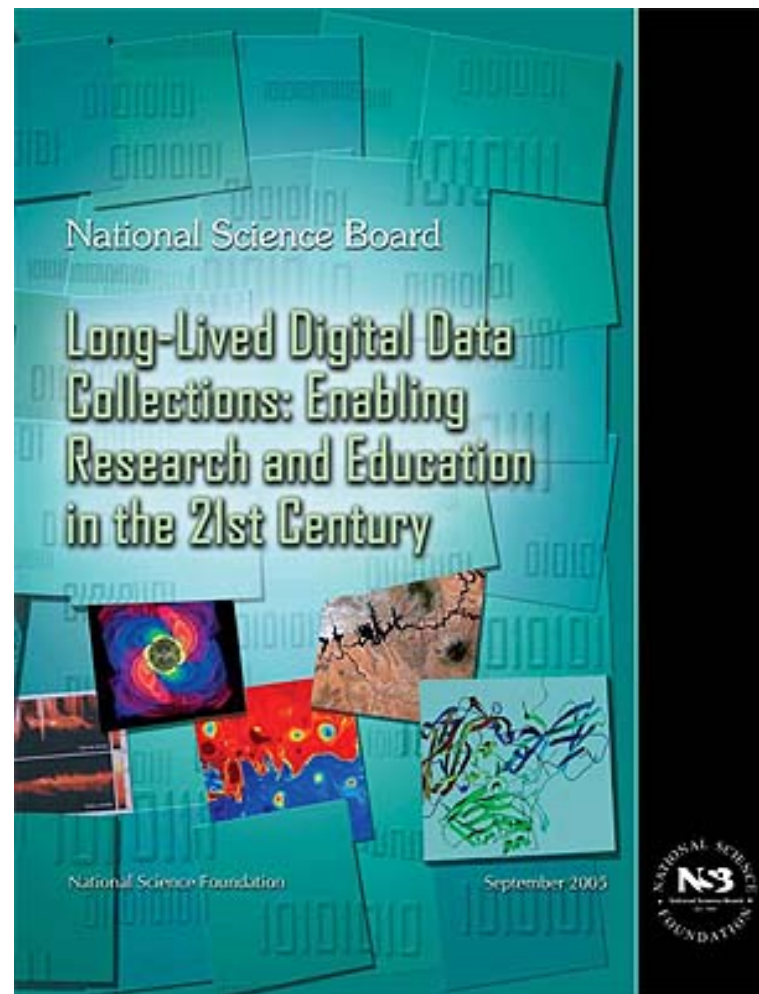
- Summer 2005
- CRA, International Society of the Learning Sciences, NSB
- NSF Funded



# Literature Review

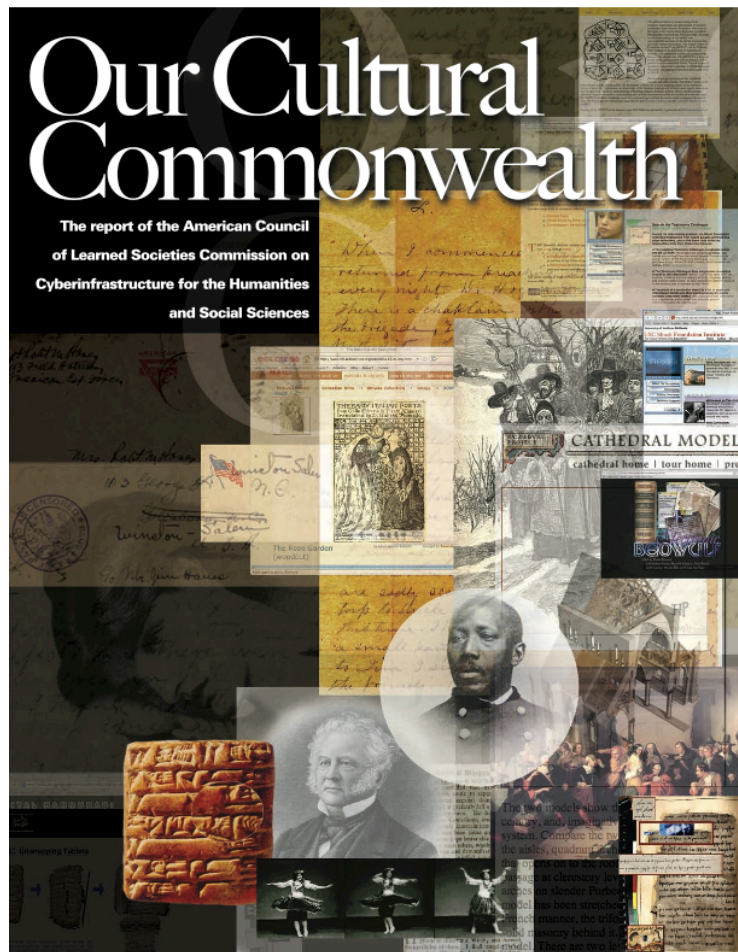
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- September 2005
- NSB, NSF funded
- Broad Scope





# 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

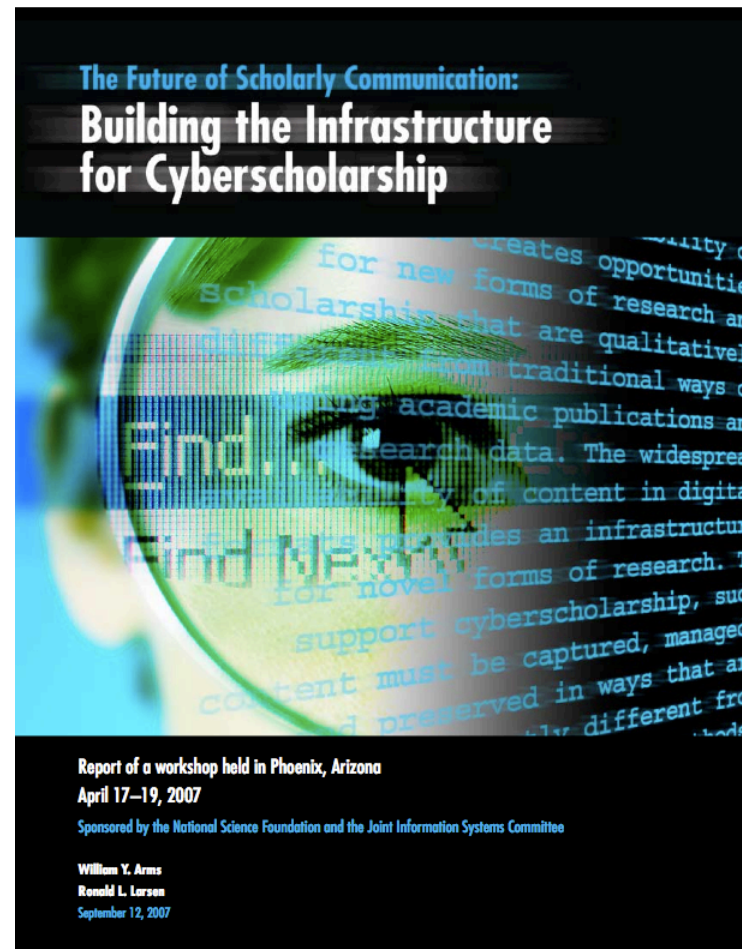
- 10/2/08
- \$892,028; IMLS
- DC & Humanities



# Literature Review

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- April 2007
- NSF Funded
- Cyberscholarship



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



# Literature Review

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- June 2008
- NSF Funded
- Cyberlearning



# Data Curation vs Stewardship

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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

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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

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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

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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](http://libinfo.unl.edu/datacuration/index.php/Main_Page)



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