

SEAL South Program November 3, 2006

## Digital Initiatives: Is there an Institutional Repository in your Future?

### Warm-up presentation:

*Digital Initiatives: Who, What, When Where, How*  
Kimberly Douglas, University Librarian, Caltech

### References:

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Lynch, Clifford A. "Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age" *ARL*, no. 226 (February 2003): 1-7. <http://www.arl.org/newsltr/226/ir.html>

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*Revolutionizing Science and Engineering Through Cyberinfrastructure*. 2003  
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*To Stand the Test of Time: Long-term Stewardship of Digital Data Sets in Science and Engineering*. A Report to the NSF from the ARL Workshop on New Collaborative Relationships: the Role of Academic Libraries in the Digital Data Universe. Sept. 26-27, 2006. <http://www.arl.org/info/events/digdatarpt.pdf>

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<http://www.arl.org/newsltr/237/ARLBR237.pdf>

Calhoun, Karen. *Being A Librarian In the Quaternary Era: The Assimilation of the Catalog and Reference Desk*, Presentation. Taiga Forum. March 2006. <http://www.taigaforum.org/2006program.php>

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Dempsey, Lorcan. *Four Pictures and a Conclusion: The Third Age of Libraries in a Network Environment*. Presentation. Taiga Forum. March 2006. <http://www.taigaforum.org/2006program.php>

Flecker, Dale. *My Goodness, Life Is Different*, Presentation. Taiga Forum. March 2006  
<http://www.taigaforum.org/2006program.php>

## Other relevant citations regarding cyberinfrastructure:

"Building a Cyberinfrastructure for the Biological Sciences (CIBIO) 2005 and Beyond: A Roadmap for Consolidation and Exponentiation." <http://research.calit2.net/cibio/report.htm>

A 2005 report "Long-lived Digital Data Collections: Enabling Research and Education in the 21st Century" [http://www.nsf.gov/pubs/2005/nsb0540/nsb0540\\_1.pdf](http://www.nsf.gov/pubs/2005/nsb0540/nsb0540_1.pdf) by the National Science Board addresses many of the points.

This is the 2006 update  
NSF's Cyberinfrastructure Vision for the 21st Century Discovery. NSF Cyberinfrastructure Council  
[http://www.nsf.gov/od/oci/ci\\_v5.pdf](http://www.nsf.gov/od/oci/ci_v5.pdf)

## Questions:

1. How would we be doing this work if print had never existed?
  
2. If computers are doing some of the reading, perhaps even a lot of the reading of content... , are they a library constituency? What does that mean for us?
  
3. Are there basic principles and values of information organization that libraries need to extend into the future? What are they?
  
4. What skills are needed in the library? Individual; Collective
  
5. How are those skills to be acquired? ? Individual; Collective
  
6. What is the library staff's core competency in the digital realm?
  
7. The online environment differs from the print because it allows infinite differentiation.
  - Strongly agree
  - Strongly disagree
  - Strongly worry
  - Totally lost
  
8. At what point do we invest larger portion of effort into the digital resources than into print?
  
9. How do we get started with change?