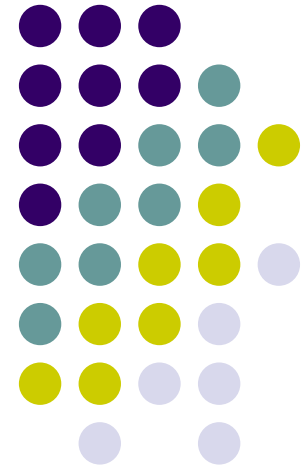
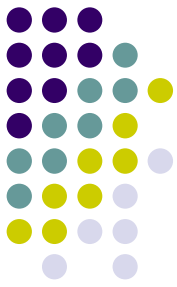


Building Successful Digital Repositories

Susan Gibbons
Associate Dean
River Campus Libraries
University of Rochester
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IR Landscape: Then & Now



2004 Landscape

- **If you build it... they might not come!**
- **Example of MIT**
 - **National and international press for DSpace**
 - **\$285,000 annual**
 - **Approx. 4,000 items in 2004**
 - **\$71 per item, per year**
 - **Professional marketing assistance**



2004 Landscape

- April 2004 Survey of 45 IRs
 - Average # of documents 1,250
 - *Median # of documents 290*

From Ware, M. (2004). Institutional Repositories and Scholarly Publishing. *Learned Publishing* 17:2, 115-124.



Today's Landscape

- MIT
 - 18,810 documents (11,000+ dissertations)
 - \$15.15 per item per year
- December 2005 survey of 97 DSpace repositories
 - Average # of documents 4,486
 - Median # of documents 523

On a global scale, U.S. is falling behind



Percentage of Universities with IRs by Country

Australia- 95%

Denmark- 50%

France- 27%

Italy- 22%

Sweden- 64%

UK- 22%

Belgium- 53%

Finland- 5%

Germany- 100%

Norway- 100%

The Netherlands- 100%

US- 50% of doctoral

Getting Better, But Still Not There



- How can we come to understand why faculty are not using the IRs?

Work Practice Study



- IMLS grant
- Anthropologist, Dr. Nancy Fried Foster
- Disciplines = Tribes
- 30 *in situ* interviews
- Focused specifically on use of digital tools and documents in research and authoring

Disciplines Studied



- Physics
- Economics
- Political Science
- Linguistics
- Visual & Cultural Studies
- All others through bibliographer
grey lit interviews (see handout)



Work-Practice Study

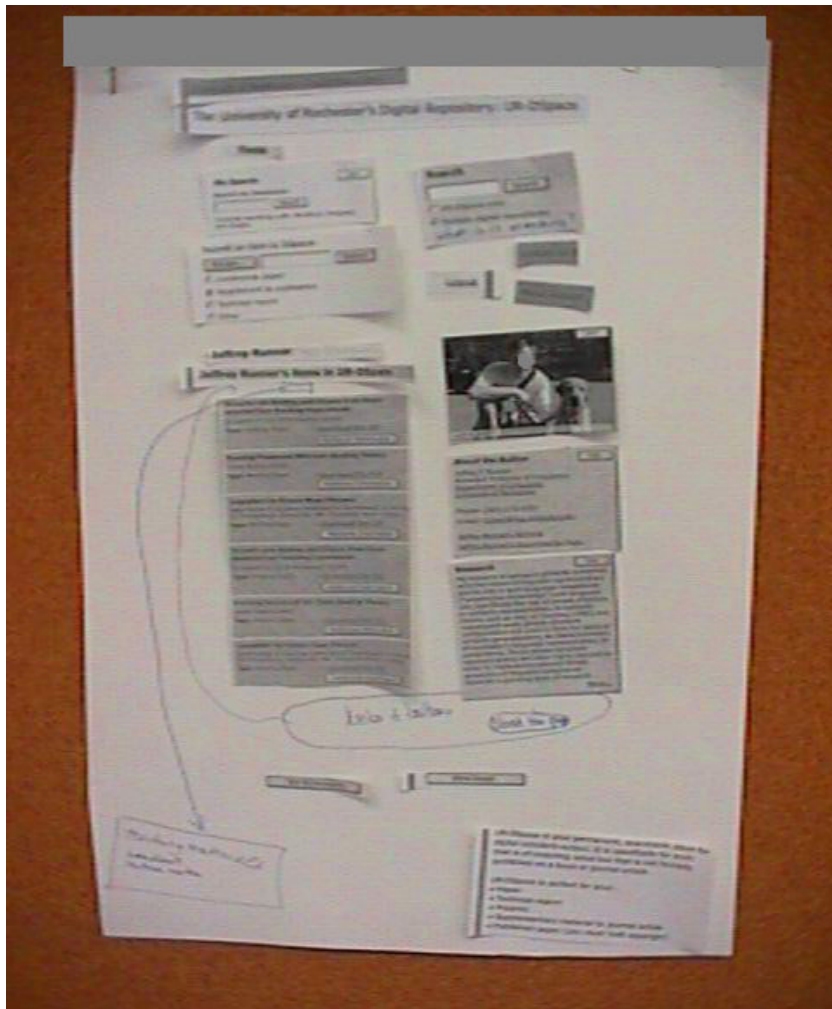


- Walk us through your research process
- Introduce us to your environment
- Engage us in your research interests
 - Record/Video tape everything
 - Transcripts
 - Analysis by **diverse** group of people
 - Co-viewing
 - Structured exercises
 - Brainstorming

Participatory Design/ User Centered Design



- Continuous loops back to the user
- Don't guess, just ask!
- Can still get good input with less than a fully-functional prototype



DSpace at the University of Rochester > Steven Manly [Log In](#)

Researcher Page

Steven Manly

About the Author

Mercer Brugler Distinguished Teaching Professor
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Experimental High Energy and Nuclear Physics
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[Steven Manly's Website](#)
[Steven Manly's Departmental Page](#)



Steven Manly

Research Interests

Heavy ion physics with the Phobos experiment at BNL, Neutrino interactions on nuclei and neutrino oscillations, High precision gravitational redshift measurement, Z physics with the SLD experiment at SLAC. Research toward the International Linear Collider

Teaching Interests

Teaching and Research seminar, TA training, General Physics II (E+M, optics, modern physics for science majors)

Documents

Conference Papers

Collective flow with PHOBOS
Authors: Frauenfelder, Uli H.; Tyler, Lorraine Komisagovsky
Issue Date: 1987
Description: "Reprinted from Cognition ... volume 25 (1987)"--T.p. verso. "A Bradford book." Includes bibliographies and index.
Type: Conference Paper
URI: <http://hdl.handle.net/1721.1/1760>

Paradox lost? : firm-level evidence on the returns to information systems spending
Authors: Brynjolfsson, Erik.; Hitt, Lorin M.
Issue Date: 1994
Description: Cover title. "An earlier, abbreviated version of the paper was published in the Proceedings of the International Conference on Information Systems, 1993, under the title "Is information systems spending productive? new evidence and new results. Series from publisher's list. Includes bibliographical references (p. 39-40).
Type: Conference Paper
URI: <http://hdl.handle.net/1721.1/2557>

Working Papers

Senior Theses

A Decomposition of Global Linkages in Financial Markets Over Time
Authors: Forbes, Kristen; Chinn, Menzie David
Issue Date: 14-Mar-2003
Type: Senior Theses
URI: <http://hdl.handle.net/1721.1/1760>

Models and Methods for Merge-In-Transit Operations
Authors: Croxton, Keely L.; Gendon, Bernard; Magnanti, Thomas L.
Issue Date: Sep-2001
Description: We develop integer programming formulations and solution methods for addressing operational issues in merge-in-transit distribution systems. The models account for various complex problem features including the integration of inventory and transportation decisions, the dynamic and multimodal components...
Type: Senior Theses
URI: <http://hdl.handle.net/1721.1/1760>

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Broad Findings: Different Voices



- Institutional Voice
 - Showcase; efficiencies
- Library Voice
 - Archiving; permanence; proactive response to serial pricing
- IT Voice
 - Cool technology; back-up consolidation
- Faculty/Researcher Voice
 - Communicate with colleagues; research is read & cited; control how work is presented

Broad Finding: Different Language



- Not speaking the language of faculty/researchers
- Not interested in how it works, only that it works
- Require a personalized message

Features As Stated in Promotional Literature

Degree to Which Faculty Understand the Feature and Perceive Its Benefit

Institutional repository



0%

**Support for a variety of
formats**



25%

Digital preservation



25%

Access control



100%

Metadata



0%

Open-source software



0%

Moving Forward: Different Voices



- Be conscious of audience
- Target your marketing
- Cater to faculty/researcher needs

Moving Forward: Language



- Know the discipline
- Know their research interests
- Change the vocabulary
 - Persistent URLs = Unbreakable links
 - Metadata harvesting = Google
 - Format migration = WordStar

Broad Findings: Authoring Tools



- Versioning and co-authors
- Back-ups
- Always accessible
- Control access
- Finished works?
- Is IR an author tool?

Moving Forward: Authoring Tools



- Be aware of the confusion
 - Try to avoid an initial let down
- Collaborate to expand purchase to include authoring tools (i.e. Documentum and DocuShare)
- If have authoring tools, try to integrate with IR
- Ideal is to map to desktop

Broad Finding: Not Enough Time



- Universal complaint
- Resent what interferes with research
- Ideal IR requires zero learning & zero effort

Moving Forward: Not Enough Time



- Self-archiving make sense?
- Bundle submissions (other repositories; other purposes)
- Grad students are faculty of the future
- Demonstrate immediate benefits

Please use this identifier to cite or link to this item: <http://hdl.handle.net/1802/233>

Files in This Item:

| File | Description | Size | Hits |
|-----------------------------------|---------------------------|-------|------|
| RunnerSBA2004.pdf | PDF version of slides | 146Kb | 188 |
| silipa93.exe | Fonts needed for SBA talk | 566Kb | 24 |
| RunnerSBA2004.ppt | Slides of talk | 116Kb | 616 |

Title: In Search of Gay Language

Authors: Runner, Jeffrey T.

Keywords: language and sexuality
language and gender
gay language
sociolinguistics

Issue Date: 19-Mar-2004

Abstract: Paper presented at the Susan B. Anthony Institute for Gender and Women's Studies 11th Annual Interdisciplinary Graduate Conference, University of Rochester, March 2004

URI: <http://hdl.handle.net/1802/233>

Appears in Collections: [Linguistics Conference Papers](#)

[Show full item record](#)

Moving Forward: Not Enough Time



- Incentives
 - Tenure Portfolio
 - Annual Academic Review
- Make IR submission part of the natural work flow
 - Integrated into the tools they use daily

Broad Finding: Copyright Worries





- Too complex
- Fear of “accidentally” violating copyright
- Takes too much time
- “Green” is not clear cut

Moving Forward: Copyright Worries



- Trust librarian copyright expertise
- Promote awareness, carefully
 - Less “Create Change”
 - More “Get on the Bus”
- Pro-active “self-archiving” projects
 - [Romeo/Sherpa](#) Publisher Copyright Database

| | |
|----------------------|--|
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| Restrictions: | <ul style="list-style-type: none"> • This does not include Cell Press |
| Post-print: |  author can archive post-print (ie final draft post-refereeing) |
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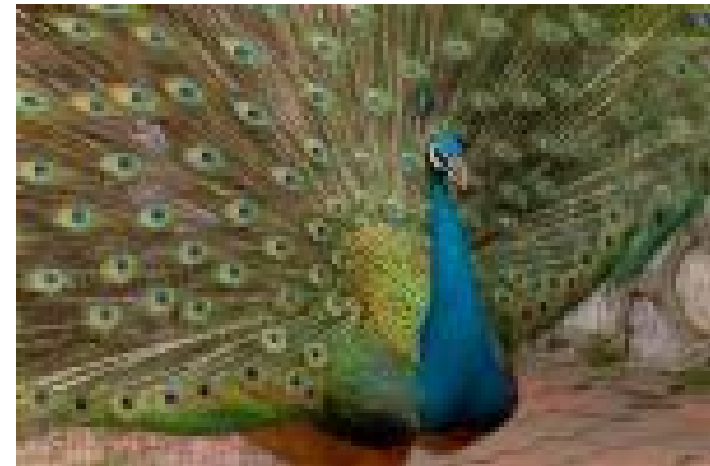
Basic

Advanced

Broad Finding: Me, Me, Me



- It is all about **me**!
- How is this going to benefit **me**?
- Where am **I** in these collections and communities?



Researcher Page: Charles Phelps

▼ Research

▼ Books

[Health Economics, 3rd Edition](#) (link)

Link to Amazon.com (Textbook)

▼ Journal Articles

[Diffusion of Information in Medical Care](#) (link)

"Diffusion of Information in Medical Care,"
Journal of Economic Perspectives, Summer,
1992, 6(3): 23 - 42 (CE Phelps)

[The Subtle Impact of Price Controls on Crude Oil
Production](#) (link)

"The Subtle Impact of Price Controls on Crude
Oil Production," American Economic Review May
1978; 68:2 (RT Smith and CE Phelps).

▼ Working Papers

[Deductibles and the Demand for Medical Services:
The Theory of the Consumer Facing a Variable
Price Schedule Under Uncertainty](#)

[Doctors Have Styles -- and They Matter!](#)

[On Having Your Cake and Eating It Too:
Econometric Problems in Estimating the Demand
for Health Services](#)



About Charles Phelps

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[Economics Dept Faculty Page](#)

[My CV](#)

Research Interests

Issues relating to scholarly
communication and digital technologies,
health economics and policy, the
economics and governance of not-for-



Researcher Page: Jeffrey Runner

▼ Research

[Coreferential Interpretations of Reflexives in Picture Noun Phrases: an Experimental Approach](#)

Powerpoint slides from presentation.

[Coreferential Interpretations of Reflexives in Picture Noun Phrases: an Experimental Approach](#) (link)

Goldwater, M. & Runner, J.T. (in press). Coreferential interpretations of reflexives in picture noun phrases: an experimental approach. In P. Denis, E. McCready, A. Palmer & B. Reese (Eds.) Proceedings of the Texas Linguistics Society 8. Austin, TX: University of Texas.

[In Search of Gay Language](#)

Runner, Jeffrey T. (2004). Keynote paper presented at the Susan B. Anthony Institute for Gender and Women's Studies 11th Annual Interdisciplinary Graduate Conference, University of Rochester, Rochester, NY.



About Jeffrey Runner

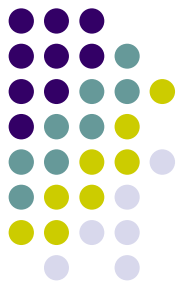
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Syntax and Language Processing

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Email: runner@ling.rochester.edu
Fax: 585-273-1088

[Runner Linguistics Homepage](#)

Research Interests

Syntactic theory; syntax-semantics interface; phrase structure; the roles of structural and pragmatic constraints on noun phrase (co-)reference.



Researcher Page: Jeremy Greenwood

▼ Research

▼ economie d'avant garde

Efficient Investment in Children

The last notes of S. Rao Aiyagari.

Engines of Liberation

Engines of Liberation -- Additional Notes

Some short notes on time-use studies and female labor-force participation.

Essays on Macroeconomics and Population Growth

Ph.D. thesis -- Guillaume Vandenbroucke, 2004

Labor Market Performance and Heterogeneity

Ph.D. thesis -- Samuel Danthine, 2004

Looking Back: Marriage, Divorce and Out-of-Wedlock Births

This self-contained note was a section in an early version (circa 1997) of Aiyagari, Greenwood and Guner (Journal of Political Economy, April, 2000). It contains a historical discussion of marriage, divorce and out-of-wedlock births in England and France.

Macroeconomic Implications of Investment-Specific Technological Change

This is the original research underlying the "Long-Run Implications of Investment-Specific Technological Change" (American Economic Review, 1997) and "The Role of Investment-Specific Technological Change in the Business Cycle" (European Economic Review, 2000). Also included are some handwritten notes, photographs and referee reports.

Modern Business Cycle Analysis

A report submitted to The Royal Swedish Academy of Sciences in support of the The Bank

About Jeremy Greenwood

Professor
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Macroeconomics

Harkness Hall 219
Phone: 585-275-1871
Email: gree@troi.cc.rochester.edu

[Personal Web Page](#)
[Recent Papers](#)

Research Interests

Macroeconomics

**Some services you just
can't predict!**

Files in This Item:

| File | Description | Size | Hits |
|----------------------------------|--|--------|------|
| Last Notes.pdf | The last notes of S. Rao Aiyagari. | 263Kb | 7 |
| SRaoAiyagari.jpg | Photo of S. Rao Aiyagari, 1996. This is the official University of Rochester photograph taken by Sandy Hill. | 1196Kb | 7 |

Title: Efficient Investment in Children

Authors: Aiyagari, S. Rao
Greenwood, Jeremy
Seshadri, Ananth

Keywords: S. Rao Aiyagari
Investment in children
Efficiency

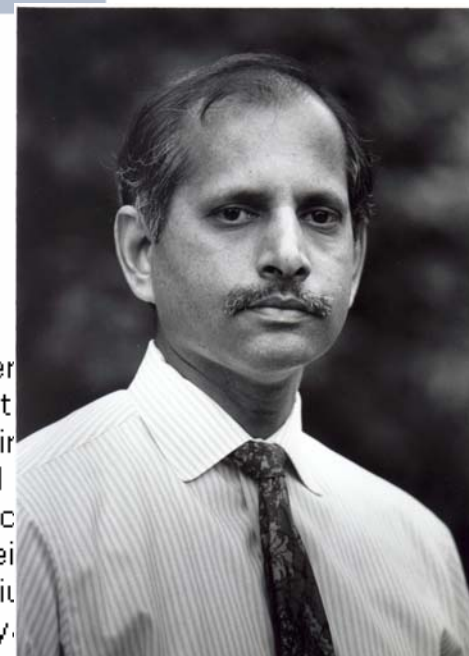
Issue Date: 17-Mar-2006

Abstract: S. Rao Aiyagari was one of the top macroeconomists of his generation. His work was distinguished by its clarity of thought and presentation. Rao Aiyagari received his Ph.D. from the University of Minnesota in 1981 (earned under the supervision of Neil Wallace). He also held Masters degrees in Economics and Physics. In fact, his first publication (joint with M. N. Mahanta) was "On the equivalence of the Einstein-Mayer and Einstein-Cartan theories for describing a spinning medium" printed in the Journal of Mathematical Physics in 1975. S. Rao Aiyagari visited the University of Rochester during the Fall of 1995. He completed these notes in January 1996, shortly after his return to the Federal Reserve Bank of Minneapolis. (He wrote every word.) In the Spring of 1996 the University offered Rao Aiyagari the position of a full professor in the Department of Economics. Rao Aiyagari was a person with a very honest and straightforward manner. "Elegance without pretension" summarized his ...

Description: These are the last notes of S. Rao Aiyagari, dated January 5th, 1996. They form the backbone of "Efficient Investment in Children" (Journal of Economic Theory, 2002).

URI: <http://hdl.handle.net/1802/2461>

Appears in Collections: [Economics Faculty Papers](#)



Greenwood/Hercowitz/Krusell

The Model

Goals

$$E \left[\sum_{t=0}^{\infty} \beta^t u(c_t, l_t) \right] = E \left\{ \sum_{t=0}^{\infty} \beta^t \left(\frac{1}{1-\delta} \right) \left[(c_t^\theta (1-l_t)^{1-\theta})^{1-\delta} - 1 \right] \right\} \quad (1)$$

Hercowitz, Zvi

Krusell, Per

Keywords: investment-specific technological progress.

Don't Forget Library Staff



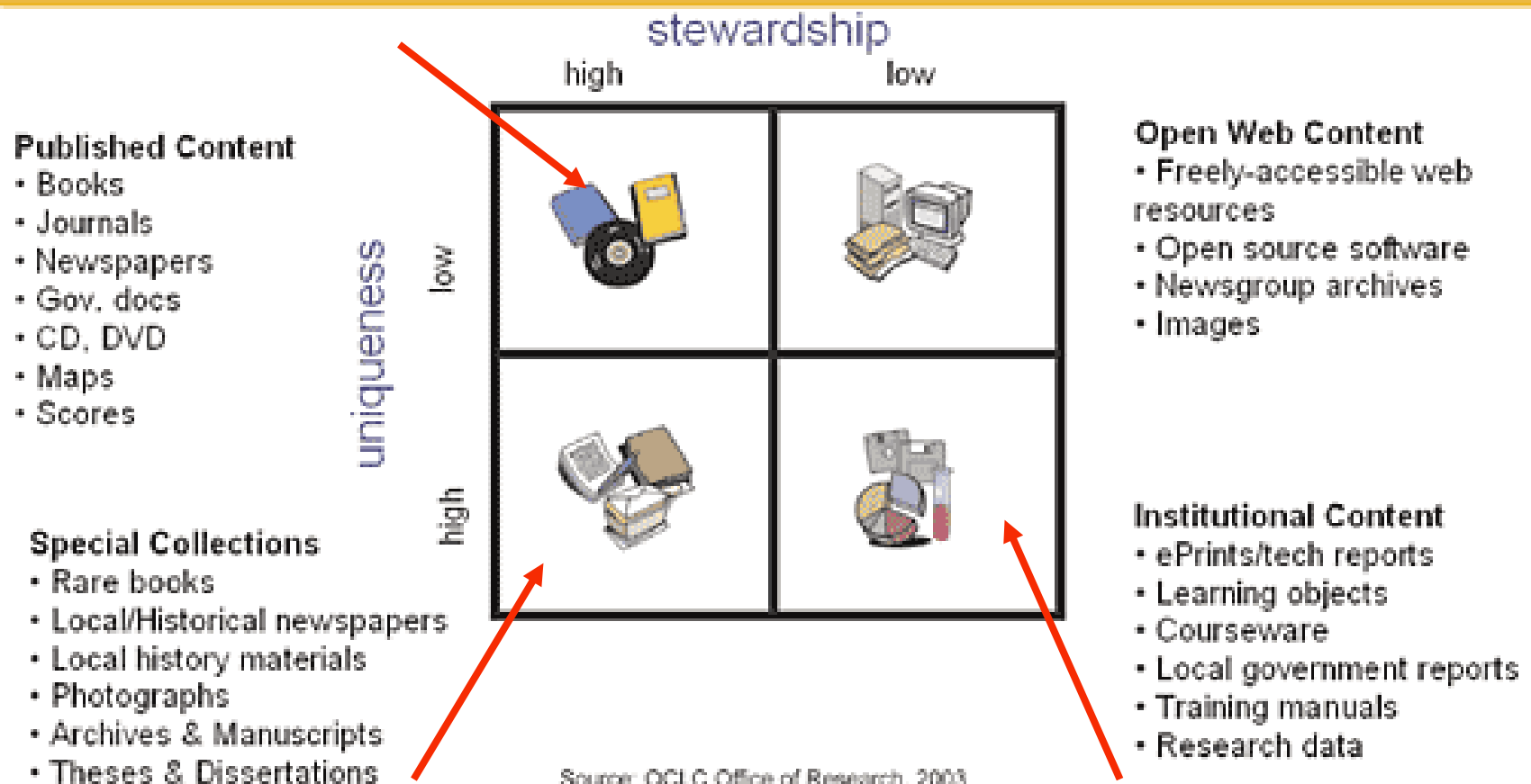
- Ensure library-wide understanding of:
 - Project's goals and objectives
 - Benefits of depositing materials
 - Support services
- Be ready for serendipity

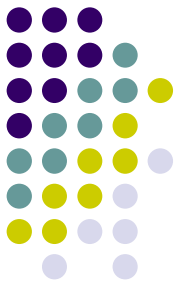
Recognize That This is NEW!



Collections Grid

A framework for representing content





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