University of Massachusetts Amherst

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Library Space Redesign (Virtual)

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Library Space Design (virtual)

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Outline

- Introduction
- Traditional Roles
- Scholarly Communication
    - New opportunities and new roles
- New User Services
- New Partnerships

Traditional Roles and Services

- Librarian roles and services
  - Acquisitions
  - Archivists
  - Cataloging
  - Circulation
  - Collection Development
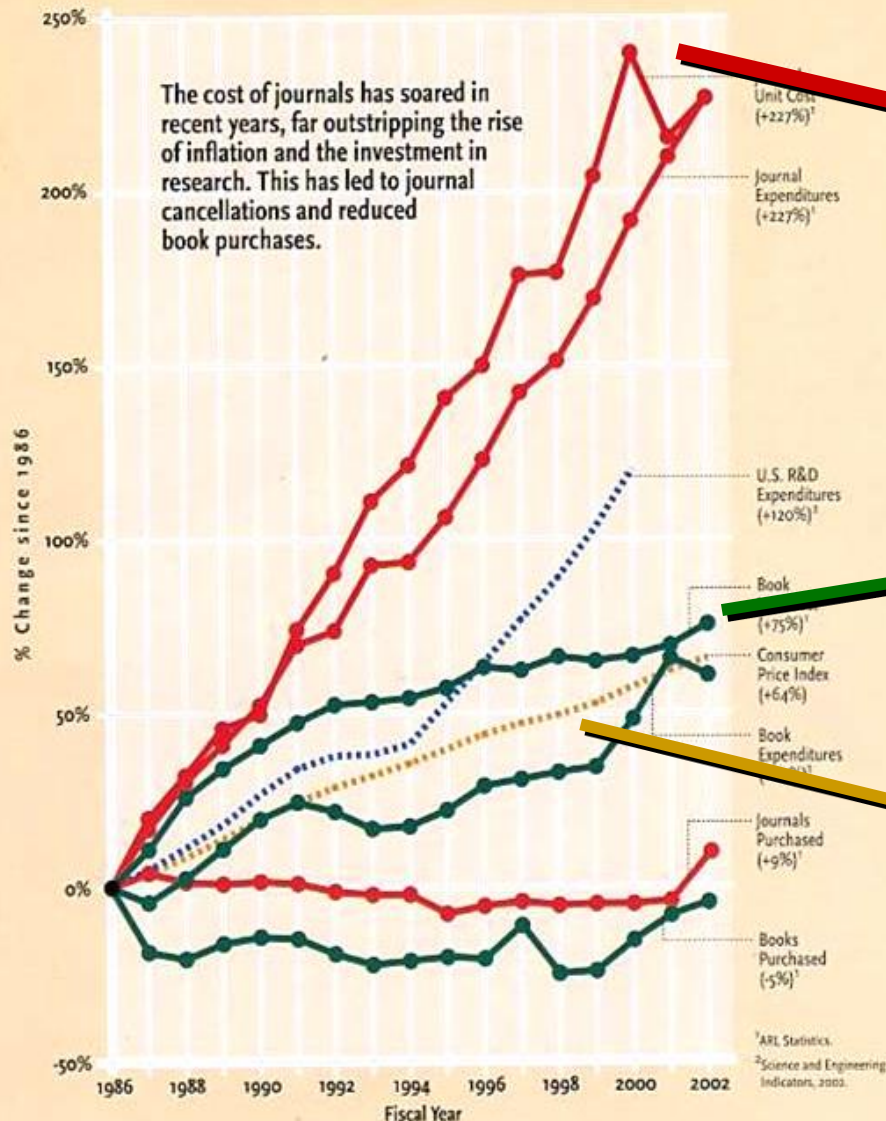 - Reference

Scholarly Communication Changes

- ☐ Traditional venues
    - Journals in the sciences
    - Monographs in the humanities
- ☐ "Crisis" of 1990s
    - Spiraling publishing costs, especially journals
    - Increasing volume of materials in digital form
    - Lack of access

Book and Journal Costs, 1986–2002

North American Research Libraries

The cost of journals has soared in recent years, far outstripping the rise of inflation and the investment in research. This has led to journal cancellations and reduced book purchases.

Average serial price up 227%

Average book price up 65%

CPI up 57%

Scholarly Communication Trends

- ☐ Scholarly communication paradigm shift
- ☐ Increasing amounts of research and scholarship born in digital form
- ☐ Need to collect and preserve this material
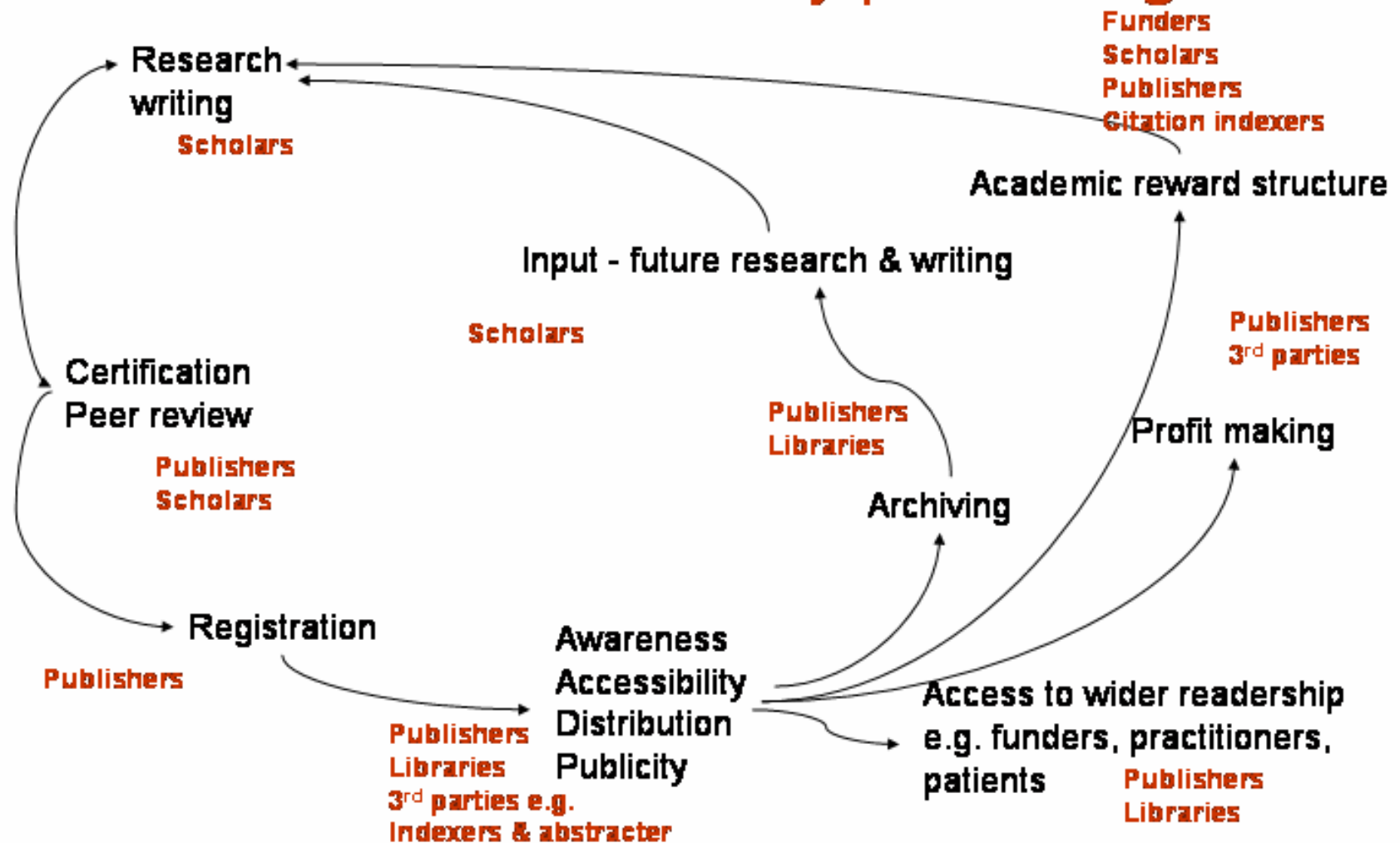
Transformation of scholarly publishing

☐ Traditional
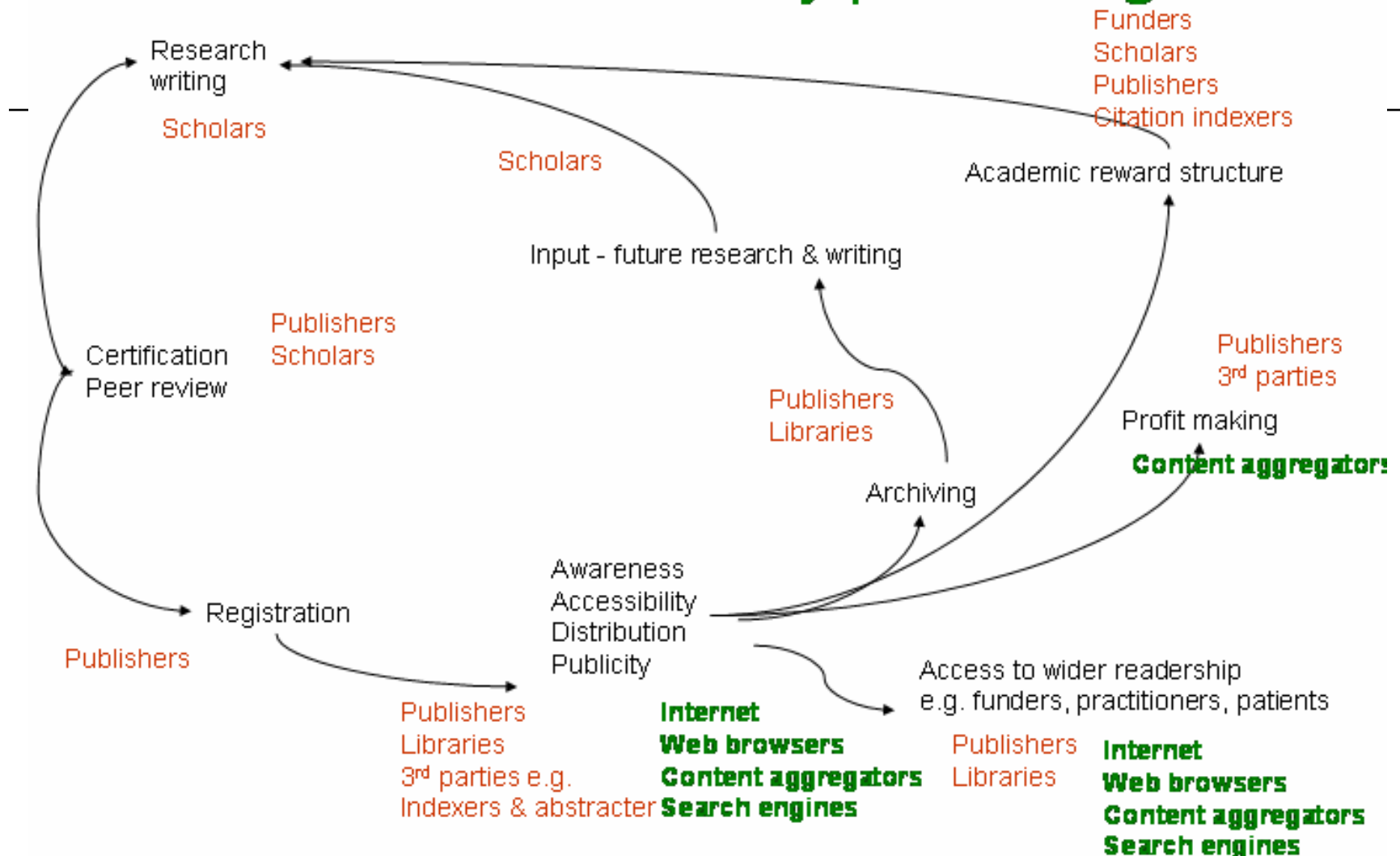
☐ Electronic

☐ Future models enabled by cyberinfrastructure

From: Kennan, Mary Anne and Karlheinz Kautz. Scholarly Publishing and Open Access: Searching for Understanding of an Emerging Phenomenon http://dlist.sir.arizona.edu/1867/
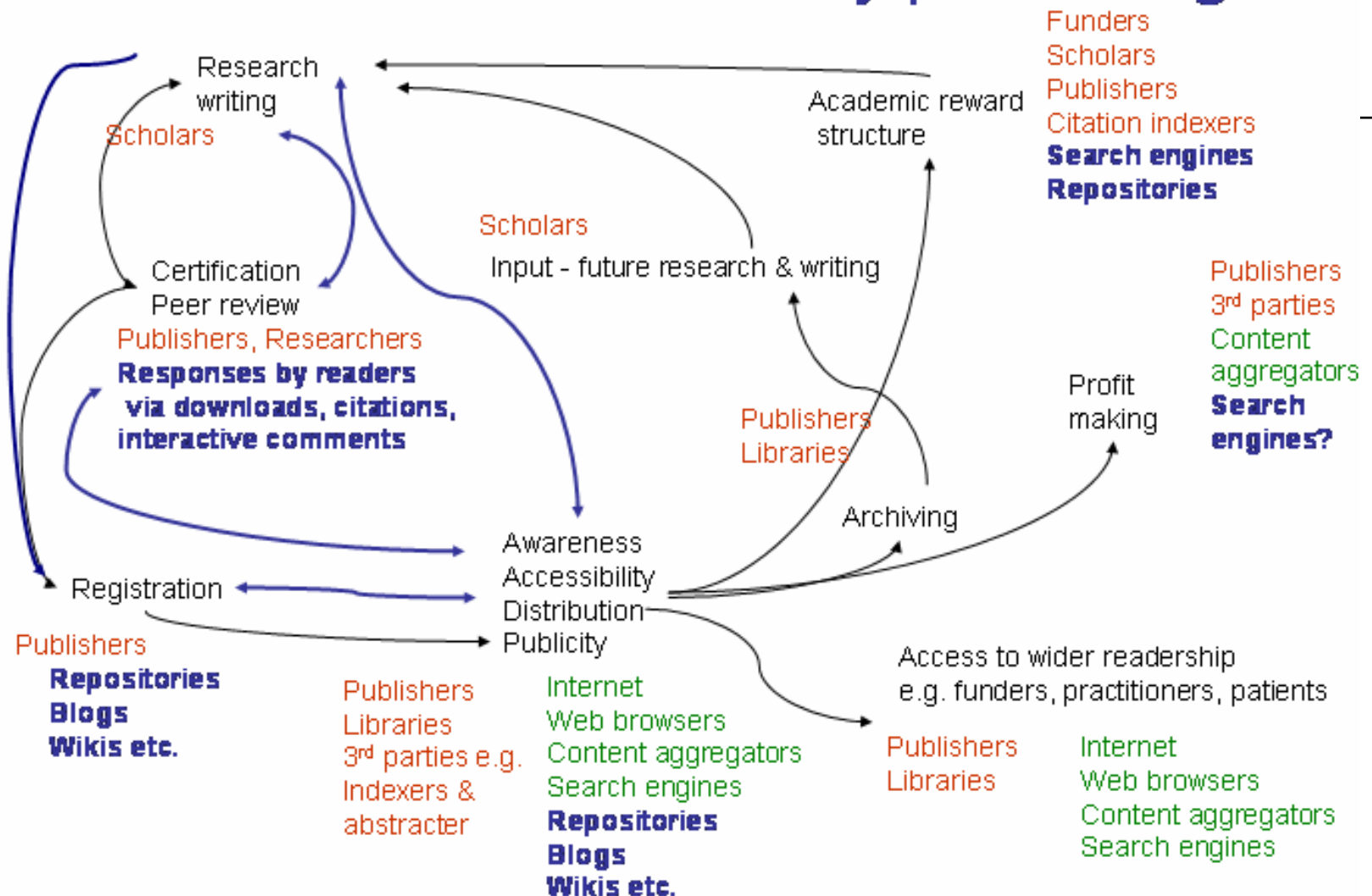
Traditional scholarly publishing

Research writing
Scholars

Certification Peer review
Publishers
Scholars

Registration
Publishers

Publishers
Libraries
3rd parties e.g.
Indexers & abstracter

Awareness
Accessibility
Distribution
Publicity

Input - future research & writing
Scholars

Publishers
Libraries

Archiving

Funders
Scholars
Publishers
Citation indexers

Academic reward structure

Publishers
3rd parties

Profit making

Access to wider readership e.g. funders, practitioners, patients
Publishers
Libraries

Electronic scholarly publishing

Research writing

Scholars

Scholars

Funders
Scholars
Publishers
Citation indexers

Academic reward structure

Input - future research & writing

Certification
Peer review

Publishers
Scholars

Publishers
Libraries

Publishers
3rd parties

Profit making

Content aggregators

Archiving

Registration

Awareness
Accessibility
Distribution
Publicity

Publishers

Publishers
Libraries
3rd parties e.g.
Indexers & abstracter

Internet
Web browsers
Content aggregators
Search engines

Access to wider readership
e.g. funders, practitioners, patients

Publishers
Libraries

Internet
Web browsers
Content aggregators
Search engines

Possibilities for scholarly publishing

Exploration of New Models

- **Institutional digital repositories**
  - Unified open access to and preservation of the electronic collections of works of members of the institution's community

- Open access journals
  - Journals available at no cost to end user
  - May or not be refereed
  - Typically available in electronic format

Institutional Repository: What is it?

"a set of **services** that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members."

- Clifford Lynch, ARL Bimonthly Report 226, Feb. 2003.

"digital collections that capture and preserve the intellectual output of university communities"

- Ryam Crowe, Case for Institutional Repositories, SPARC, 2002

And That Means?

- ☐ Institutionally defined services and content

- ☐ Scholarly

- ☐ Cumulative and perpetual

- ☐ Centralized management

- ☐ Open and interoperable

Content

- Research and scholarship materials
  - Theses, honors projects
  - Working papers, conference papers, journal articles
- Teaching materials
  - Learning objects
  - Preprints
  - Audio and video materials
  - E portfolios

Contributors

- Faculty
- Honors students, undergraduate research
- Archivists and Librarians
- Academic Offices
  - Office of Institutional Research
  - Office of Outreach, Cooperative Extension

ScholarWorks@UMass Amherst

ScholarWorks@UMass Amherst is a digital showcase of the research and scholarly output of members of the University of Massachusetts Amherst community. The ScholarWorks repository is administered by the UMass Amherst Libraries and serves as a permanent digital archive for these scholarly materials. (more).

Browse Research and Scholarship

- **Dissertations and Theses**

- **Journals and Conference Proceedings**

- **SelectedWorks Author Gallery**

- **Research Centers and Institutes**

- **School, College, or Department**

- **University of Massachusetts Press**

- **Community Engagement**

At a Glance

Top 10 Downloads
All time

Recent Additions

Paper of the Day

Clean Energy Connections - Conference Program & Notebook
Loren Walker

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Anthropology

The Department of Anthropology was established in 1969. At the University of Massachusetts Amherst, the Anthropology Department is a four-field program, each concerned with one of the main branches of Anthropology: Archaeology, Biological Anthropology, Cultural Anthropology, and Linguistic Anthropology.

Browse the *Anthropology* Collections:

Anthropology Department Archaeological Projects

- Archaeology at the W.E.B. Du Bois Boyhood Homesite

Anthropology Department Dissertations Collection

Anthropology Department Field Program in European Studies

- Selected Publications of EFS Faculty, Students, and Alumni
- Masters Theses based on EFS-sponsored field research
- EFS Final Reports
- Dissertations based on field research initiated through the EFS Program

Anthropology Department Masters Theses Collection

Anthropology Research Reports series

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SelectedWorks Sites

Elizabeth S Chilton

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French Translators, 1600-1800: An Online Anthology of Prefaces and Criticism

Dedication, Le Valeureux Dom Quixote de la Manche (vol. 1)

César Oudin

Document Type: Article

Publication Date: 1616

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Recommended Citation

Oudin, César, "Dedication, Le Valeureux Dom Quixote de la Manche (vol. 1)" (1616). *French Translators, 1600-1800: An Online Anthology of Prefaces and Criticism*. Paper 104.

Exploration of New Models

- ☐ Institutional digital repositories
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- ☐ **Open access journals**
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  - ■ May or not be refereed
  - ■ Typically available in electronic format

Open Access

☐ Open access literature is usually defined as "digital, online, free of charge, and free of most copyright and licensing restrictions" (Suber, 2008)

- Distribution power of the Internet
- Consent of the author or copyright-holder

Faculty Roles and Open Access

- □ Faculty Roles
  - ■ Authors
  - ■ Peer-reviewers
  - ■ Editors
- □ Open access options
  - ■ Creative Commons licenses
  - ■ SPARC addendum

Action Steps for Faculty

1. Manage copyright / retain author rights
2. Select journals and publishers with access friendly policies
3. Prefer open access grant agencies when seeking funding
4. Self-archive

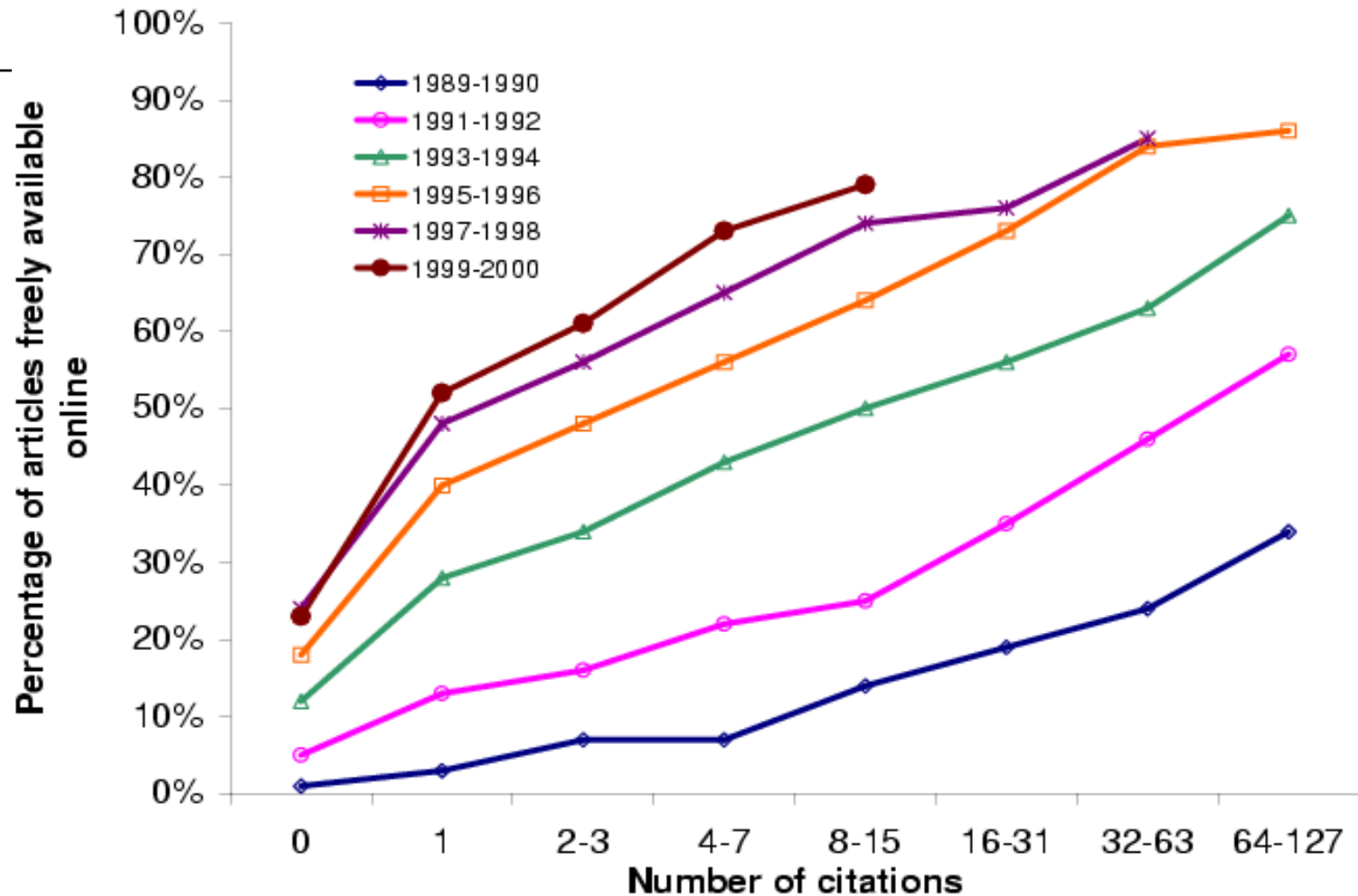**How are faculty going to address these new roles?**

Why do this?

- ☐ Proactive response to scholarly communication and open access issues
- ☐ Showcase for scholars and institution
- ☐ Ease of use by faculty and students
- ☐ Long-term preservation, persistent urls

- ☐ Wide dissemination of intellectual output
- ☐ More frequent citations

Online or Invisible?

Steve Lawrence, <u>Nature</u> 2001, Vol. 411p.253

Librarians as Leaders

- Librarian roles transforming
    - Library role as steward of scholarship
    - Collection development expertise
    - Liaison role with faculty
    - Center of expertise on metadata
    - Commitment to long-term preservation
    - Complementarity of repository and licensed digital materials

ScholarWorks@UMass Amherst

CLEAN ENERGY CONNECTIONS
1ST ANNUAL CONFERENCE AND OPPORTUNITY FAIR

Clean Energy Connections

Clean Energy Connections is a career and business development information and networking event. It is a forum for the individuals and organizations that will accelerate the growth of our clean energy economy.

Conference programs, presentations, and other ephemera are being archived here on a regular basis. Please check back often.

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Careers for a New Economy, Kevin Doyle

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CHRIE
The Hospitality & Tourism Educators
COUNCIL ON HOTEL, RESTAURANT AND INSTITUTIONAL EDUCATION

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Editors

Executive Co-Editors: **Linda J. Shea, Ph.D.**, University of Massachusetts - Amherst

J. S. Perry Hobson, Ph.D., THE-ICE, Australia

The award-winning *Journal of Hospitality and Tourism Education* is a refereed, interdisciplinary quarterly magazine designed to serve the needs of all levels of hospitality and tourism education through the presentation of issues and opinions pertinent to the field. The main objective of this periodical is to facilitate scholarly interchange among hospitality and tourism educators, industry practitioners and educators from related disciplines. All members of International CHRIE eligible to receive JHTE as a member benefit receive the Educator in March, June, September, and December.

Regular features of the JHTE include:

◻ Papers on relevant academic issues.

◻ Forum articles addressing current trends and developments related to hospitality and tourism education.

◻ Creative essays through which educators share unique instructional techniques or other innovative approaches in the classroom.

International CHRIE's *Journal of Hospitality & Tourism Education* has received the 2003 Golden Page

New User Services

Library 2.0

- Web 2.0 technologies
- User-centered change to support active student learning
- Review services using patron input
- Create new services regularly
  - Information literacy
  - Copyright, fair use, plagiarism

Why an alternative interface?

Next Generation Library Catalogs

- ☐ Single search box, like Google

- ☐ Relevancy ranking of search results

- ☐ Faceted browsing

- ☐ Search catalog & other sources at one time

- ☐ Cover art, TOC, summaries

- ☐ Evaluative content, write reviews, comments

Open Educational Resources

- □ Made free to use or share, and in some cases, to change and share again, made possible through licensing

- □ Both teachers and learners can share what they know

- □ Part of Teaching Commons

OER COMMONS
OPEN EDUCATIONAL RESOURCES

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Learning is Sharing

Find **Free-to-Use** Teaching and Learning Content from around the World. Organize K-12 Lessons, College Courses, and more.

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umanities (4165)
athematics & Statistics (2694)
cience & Technology (11055)
ocial Sciences (4802)

▼ Grade Levels ⓘ
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econdary (6986)
ost-secondary (14731)

rowse All Materials

Open Educational Resources are all about sharing.

In a brave new world of learning, OER content is made free to use or share, and in some cases, to change and share again, made possible through licensing, so that both teachers and learners can share what they know.

Browse and search OER Commons to find curriculum, and tag, rate, and review it for others.

Use the Tutorials as a guide. Join and contribute to the global Open Education community.

Search Resources

All Subject Areas | All Grade Levels | All Conditions of Use

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Contribute

Register for free in the OER Commons network, and submit links to your own learning content.

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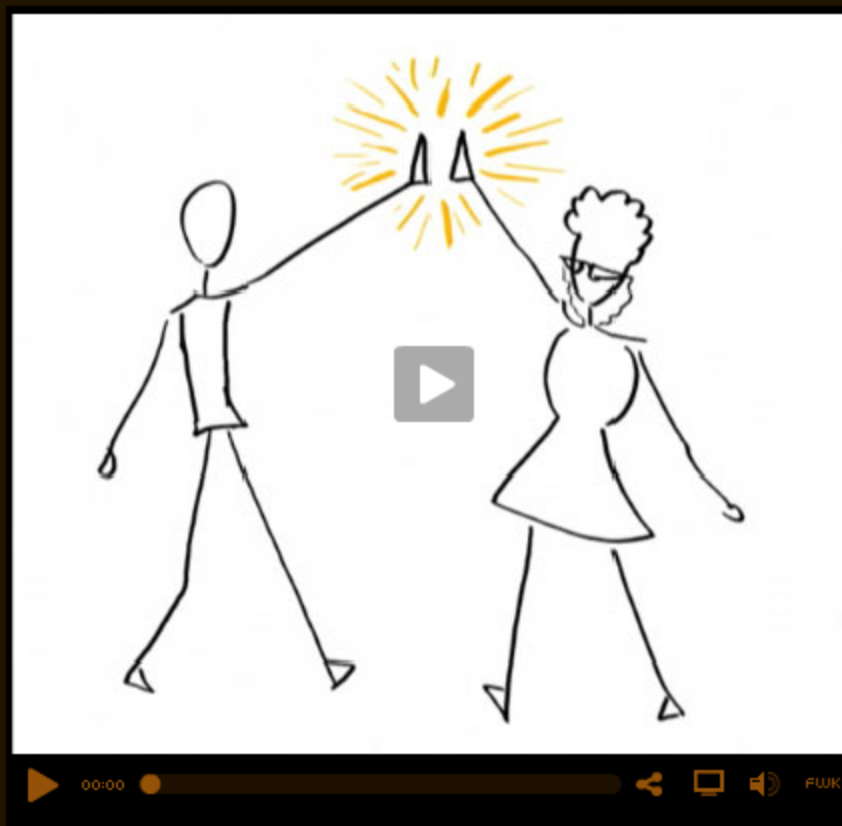**CATALOG | FIND MY CLASS | MY(FLAT)WORLD | CART**

Open College Textbooks

Created By Experts. Enhanced by Users. Free to All.

Great Minds

Are Evenly

Distributed.

Great

Textbooks

Are Not.

Until Now.

00:00

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Partnerships, old and new

- Academic Computing
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- Students
- Teaching Support Services

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Cranberry Station

The UMass Cranberry Station provides research-based outreach to Massachusetts cranberry growers regarding horticultural and pest management and environmentally sound farming practices. The Station serves as a resource to Southeastern MA communities regarding issues related to cranberry farming, the largest agricultural enterprise in the region. [Read more here]

Community Collaborators & Partners

Browse the *Cranberry Station* Collections:

Cranberry Station Publications

File   Edit   View   History   Bookmarks   Tools   Help

ScholarWorks@UMass Amherst

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MIRA/LOOK Community Workshops

Holyoke workshop: Historical lecture closeup

Joseph Krupczynski, *University of Massachusetts - Amherst*

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- Thumbnail

IMAGE LOCATION

Map data ©2009 Tele Atlas -

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View gallery on map

View gallery in Google Earth

UMASS AMHERST

The library in new roles and partnerships!

- Transition to digital collections

- Highlighting what is unique, but of value to other scholars and making it accessible

- Utilize existing skills in organizing, and providing access

- Enhancing the value of the library by contributing to the mission of the institution

- Value to institution, and to the wider scholarly community

Open for Discussion

Time for questions

and comments

Institutional Repository Selected Bibliography

- Bailey, Charles W. Institutional Repositories, Tout de Suite. 2008. http://www.digital-scholarship.org

- EDUCAUSE Resource Center on IRs http://connect.educause.edu/term_view/Institutional%2BRepositories

- Gibbons, Susan. Establishing an Institutional Repository http://docushare.lib.rochester.edu/docushare/dsweb/View/Collection-2193

- OpenDOAR http://www.opendoar.org/

- SPARC Repository Resources http://www.arl.org/sparc/repositories

Institutional Repository Selected Bibliography

- Bailey, Charles W. Institutional Repositories, Tout de Suite. 2008. http://www.digital-scholarship.org

- EDUCAUSE Resource Center on IRs http://connect.educause.edu/term_view/Institutional%2BRepositories

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- OpenDOAR http://www.opendoar.org/

- SPARC Repository Resources http://www.arl.org/sparc/repositories

Scholarly Communication Selected Bibliography

- Create Change

  http://www.createchange.org

- Scholarly Communication Toolkit
  http://www.ala.org/ala/acrl/acrlissues/scholarlycomm/scholarlycommunicationtoolkit/toolkit.htm

- Scholarly Publishing & Academic Resources Coalition (SPARC) http://www.arl.org/sparc

Citation Impact Factor articles

- Antelman, Kristin. "Do Open-Access Articles Have a Greater Research Impact"

  http://www.la-press.com/include/Antelman.pdf

- Eysenbach, Gunther. "Citation Advantage of Open Access Articles"
  http://biology.plosjournals.org/perlserv/?request=get-document&doi=10.1371/journal.pbio.0040157&ct=1

- Lawrence, Steve. "Free online availability substantially increases a paper's impact". *Nature* **411**, 521 (31 May 2001)

Open Educational Resources

- OER Commons:
  http://www.oercommons.org/

- Flat World Knowledge http://www.flatworldknowledge.com/

- CITE: a blog on Course materials, Innovation, and Technology in Education

  http://thecite.blogspot.com/

- Make Textbooks Affordable

  http://Maketextbooksaffordable.org

- The Community College Consortium for Open Educational Resources

  http://cccoer.wordpress.com/

Thank you

- Contact information:

  Marilyn Billings

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