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June 16, 2011

The Transformation of Scholarly Communication: Roles for Libraries

Marilyn S Billings, *University of Massachusetts Amherst*

Available at: https://works.bepress.com/marilyn_billings/39/

The Transformation of Scholarly Communication:

Roles for Libraries

Marilyn Billings
Scholarly Communication Librarian
University of Massachusetts Amherst
mbillings@library.umass.edu

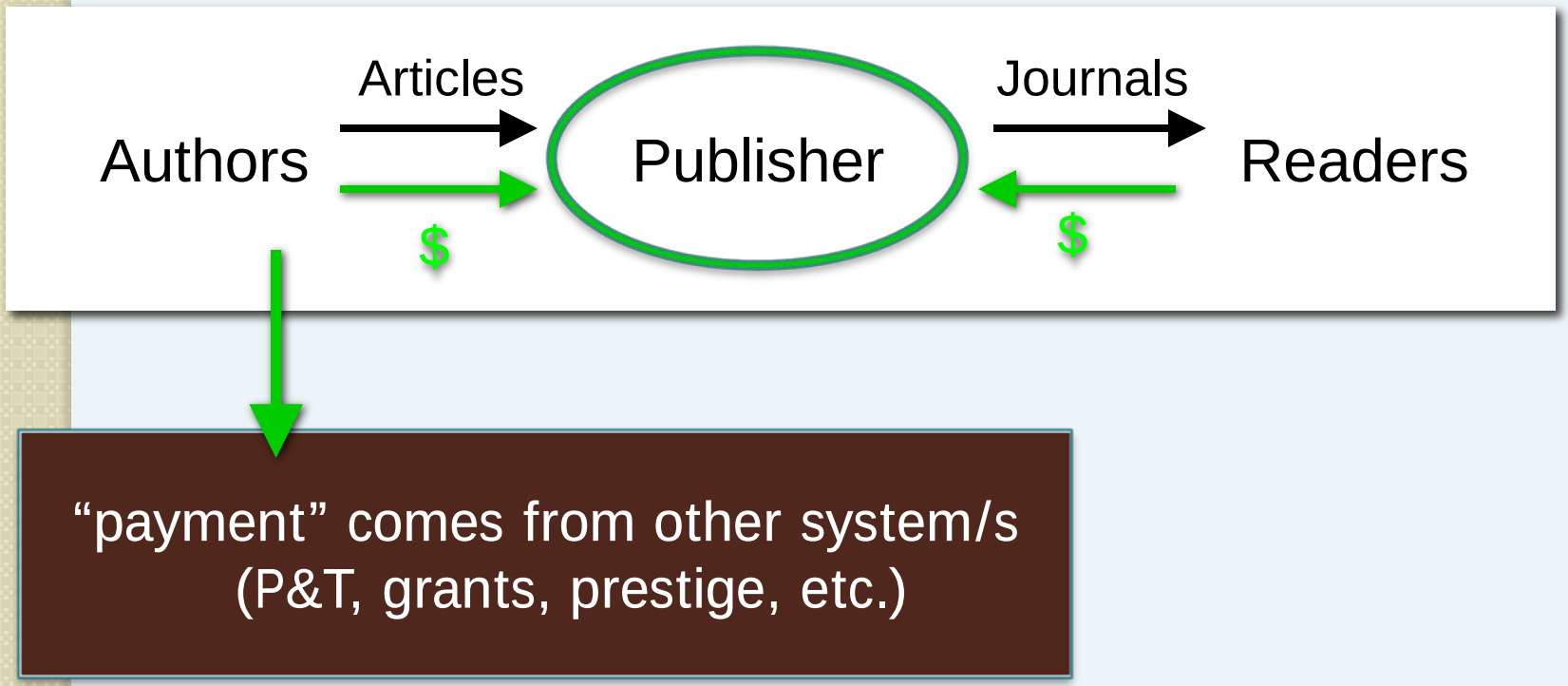
Today's Outline

- Introduction
- Scholarly Communication
- Library Traditional Roles
- New Models and Action Steps
  - Institutional Repositories
  - Open Access Journals, etc
- Open Educational Resources
- Discussion

Scholarly Communication

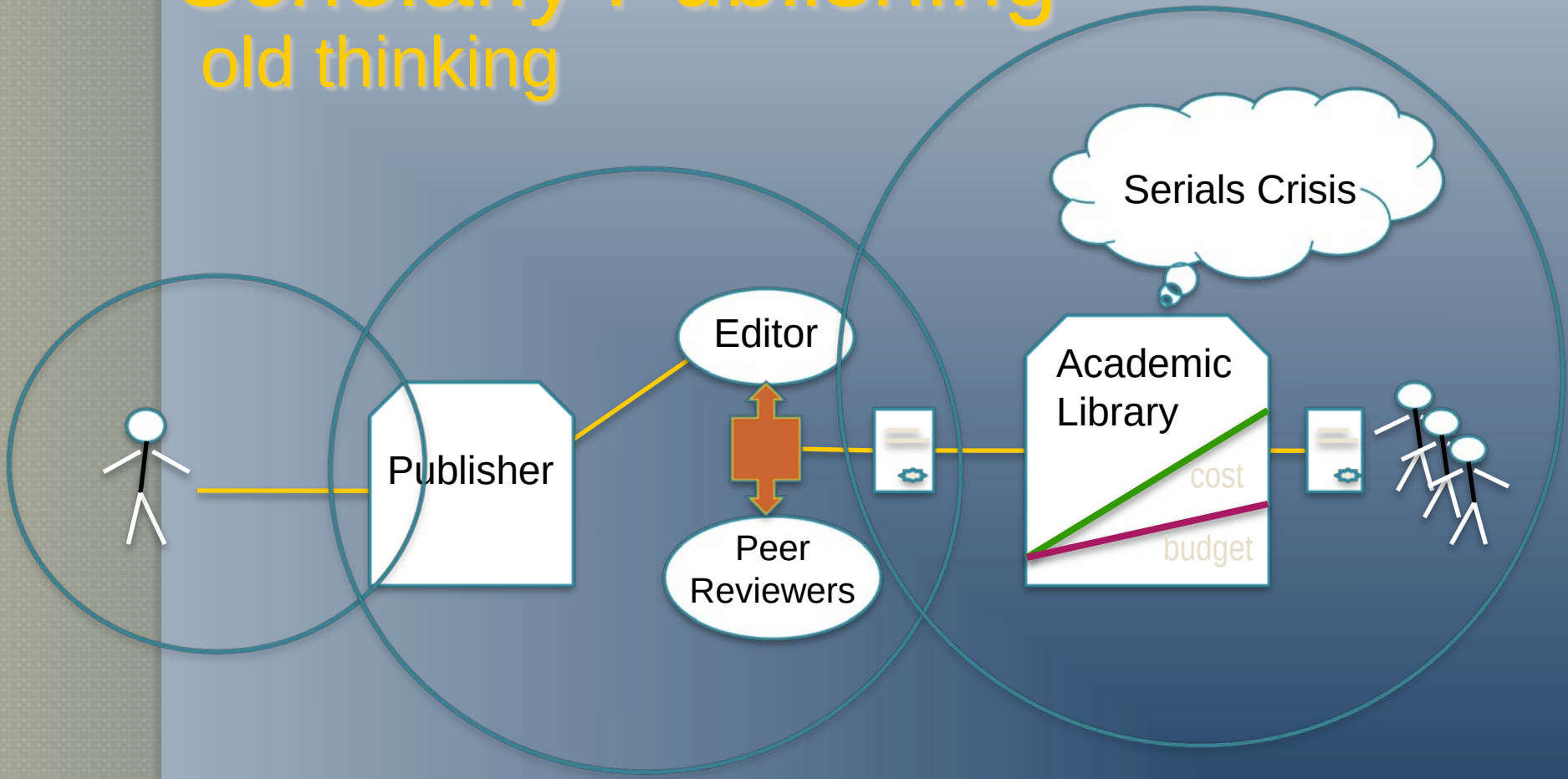
- Traditional scholarship
  - Monographs
  - Journals
- Increasing amounts of research and scholarship born in digital form
- Need to collect and preserve this material
- Invisibility of non-digital material

gift economy



From Lee Van Orsdel's "Economics" ACRL SchCom 101

Scholarly Publishing
old thinking



From Lee Van Orsdel's "Basics" ACRL SchCom 101

Library Role in the Academy

- Library role as steward of scholarship
- Collection development
- Organize, provide access to information
- Copyright, fair use
- Information literacy
- Research assistance
- Commitment to long-term preservation

Scholarly Communication: New Models

- **Institutional 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 may 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

Content for IR

- Research and scholarly materials
  - Dissertations, theses, honors projects
  - Working papers, conference papers, preprints, journal articles
- Teaching materials
  - Learning objects
  - Audio and video materials
  - E portfolios
- Community outreach

Contributors

- Faculty, researchers
- Honors students, undergraduate research
- Archivists and Librarians

- Academic Offices
  - Office of Institutional Research
  - Office of Outreach, Cooperative Extension
  - others

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
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- SelectedWorks Author Gallery
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Paper of the Day

Burnings and blessings: The cultural reality of the supernatural across early modern spaces
Thomas J Rushford

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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 Faculty Publication Series

Anthropology Department Faculty Selected Works pages

Anthropology Department Field Program in European Studies

- Selected Works pages of EFS Faculty
- Selected Publications of EFS Faculty, Students, and Alumni
- Dissertations and Theses based on EFS-sponsored field research
- Final Reports of EFS student participants

UMassAmherst OUTREACH

Community Engagement

Community Engagement in higher education is defined by the Carnegie Foundation for the Advancement of teaching as *"Collaboration between higher education institutions and their larger communities for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity."*

At UMass Amherst, Engagement creates unique opportunities for scholars to pursue teaching; research, creative or professional activity; and service in ways that benefit their discipline, our institution and our community partners.

Read more here

Community Collaborators & Partners

Browse the *Community Engagement* Collections:

Cranberry Station

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Ludlow Master Plan

Cranberry Station Outreach and Public Service Activities

Cranberry Production Guide

Cranberry Station Best Management Practices Guide

Cranberry Station Best Management Practices Guide - 2010 revision

Cranberry Station Extension meetings

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Conference on Cellulosic Biofuels

Organized by The Institute for Massachusetts Biofuels Research (TIMBR)

Those interested in the Commonwealth's developing biofuels industry are invited to participate in the annual Conference on Cellulosic Biofuels. The conference is hosted by The Institute for Massachusetts Biofuels Research (TIMBR) at the University of Massachusetts Amherst. TIMBR is a growing interdisciplinary research group focused on expanding biofuels research on the Amherst campus and enabling translational research through strategic partnerships between academia, industry, and state and federal government (www.ecs.umass.edu/timbr).

During the conference you will hear about the latest developments in biofuels research, learn about the opportunities that lie ahead for biofuels in the region from state policy makers, and connect with others from industry, academia, and government who are eager to expand their network of partners and collaborators in the biofuels industry. Topics covered will include emerging research in catalytic and microbial routes to biofuels, the Massachusetts biofuels industry, and more.

Click here to see the 1st Annual Conference on Cellulosic Biofuels, 2008

Browse the contents of Conference on Cellulosic Biofuels:

Rasenna: Journal of the Center for Etruscan Studies

University of Massachusetts Amherst

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- Etruscan Texts Project
- Poggio Civitate Archive
- Etruscan Studies
- Etruscan Fonts

Welcome to *Rasenna: Journal of the Center for Etruscan Studies*. This site includes the current issue of Rasenna, an archive of earlier issues, Guidelines for Contributors, and information about the composition of the Editorial and Advisory Boards.

For more information about Rasenna and the Center for Etruscan Studies please contact Anthony Tuck or Rex Wallace.

Current Issue: Volume 2, Issue 1 (2009)

Book Reviews

PDF Review of Giovanni Colonna & Daniele F. Maras, Corpus Inscriptionum Etruscarum II, 1, 5 et addit. II, 2, 1
Rex E. Wallace

PDF Review of Vedia Izzet, The Archaeology of Etruscan Society
Eric Poehler

Notes or Reports

PDF Italian Prehistory and the Emergence of the Civic Museum
Elisabetta Cova

PDF The Conundrum of the Workshop OR Etruscan Utilitarian Ceramics: A Compositional Analysis
William Gilstrap and Anthony Tuck

ScholarWorks@UMass Amherst

Institute for Global Health

UMass Institute for Global Health

The IGH conducts collaborative research projects designed to develop effective programs and policies to alleviate pressing global health problems and provides a range of educational opportunities for US and international personnel seeking advanced training in the global health issues.

David Buchanan
Professor of Public Health
Director, Institute for Global Health
102 Hasbrouck
University of Massachusetts
Amherst, MA 01003
413-545-7737

Kalidas Shetty, PhD
Associate Professor of Food Science
Associate Director, Institute for Global Health
Chenoweth Laboratory
University of Massachusetts
Amherst, MA 01003
413-545-1022

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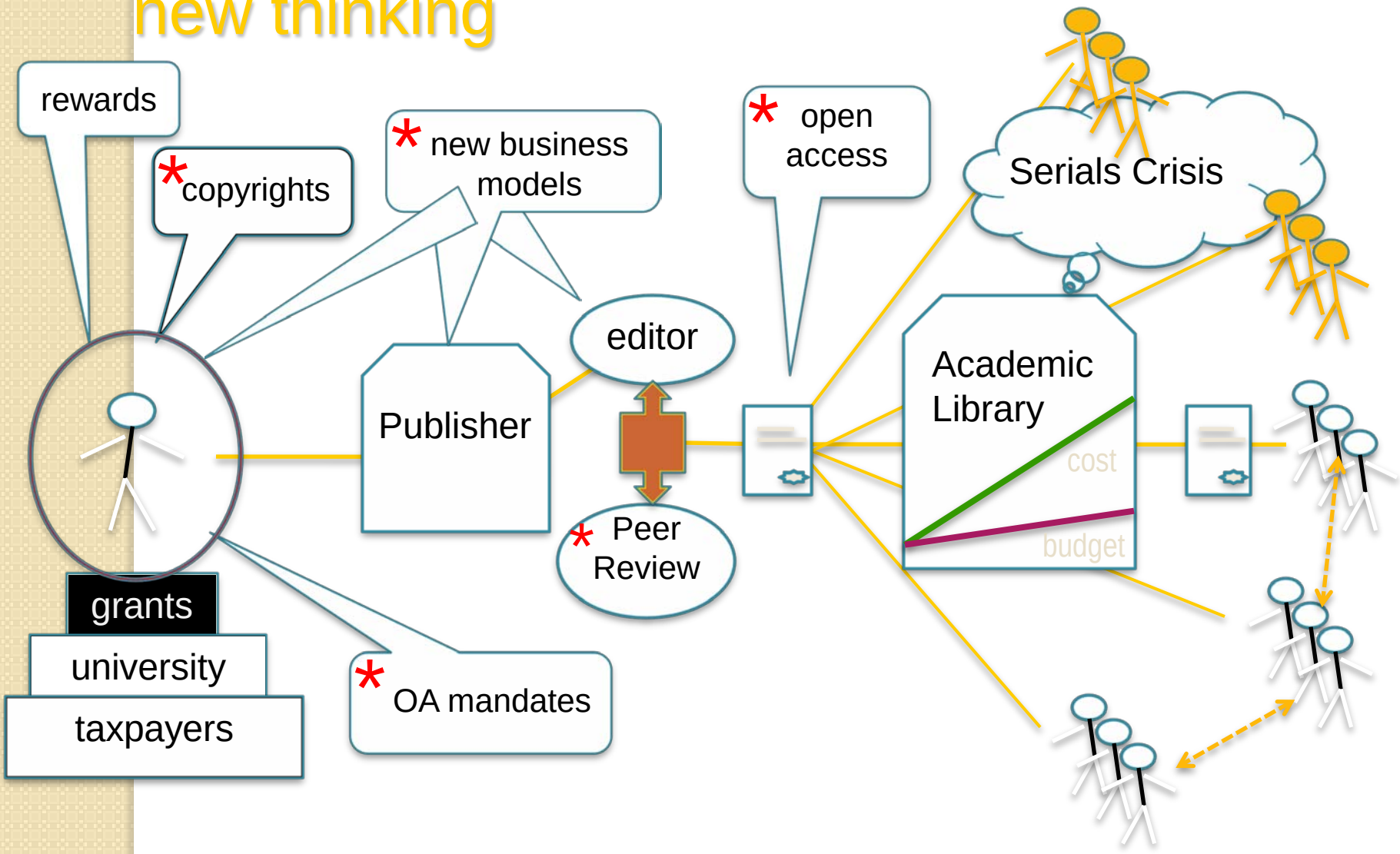
Scholarly Communications System new thinking



From Lee Van Orsdel's "Basics" ACRL SchCom 101

Reported Benefits

- Downloaded more than traditionally published materials (Davis *et al*, 2008)
- More opportunities for easier collaboration among researchers
- Cited more than restricted (non-open access) materials

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 and potential responsibilities?

Challenges

- Perception of faculty members
  - What value is there in publishing in open access journals?
    - Impact on tenure and promotion?
    - Potential problems with author pays financial model?
- Copyright Issues
  - Who owns the copyright to works published in an open access journal?
  - What can a faculty member do to preserve the right to post a previously published work to an open access journal?

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

Library Role in the Academy

- Library role as steward of scholarship
- Collection development
- Organize, provide access to information
- Copyright, fair use
- Information literacy
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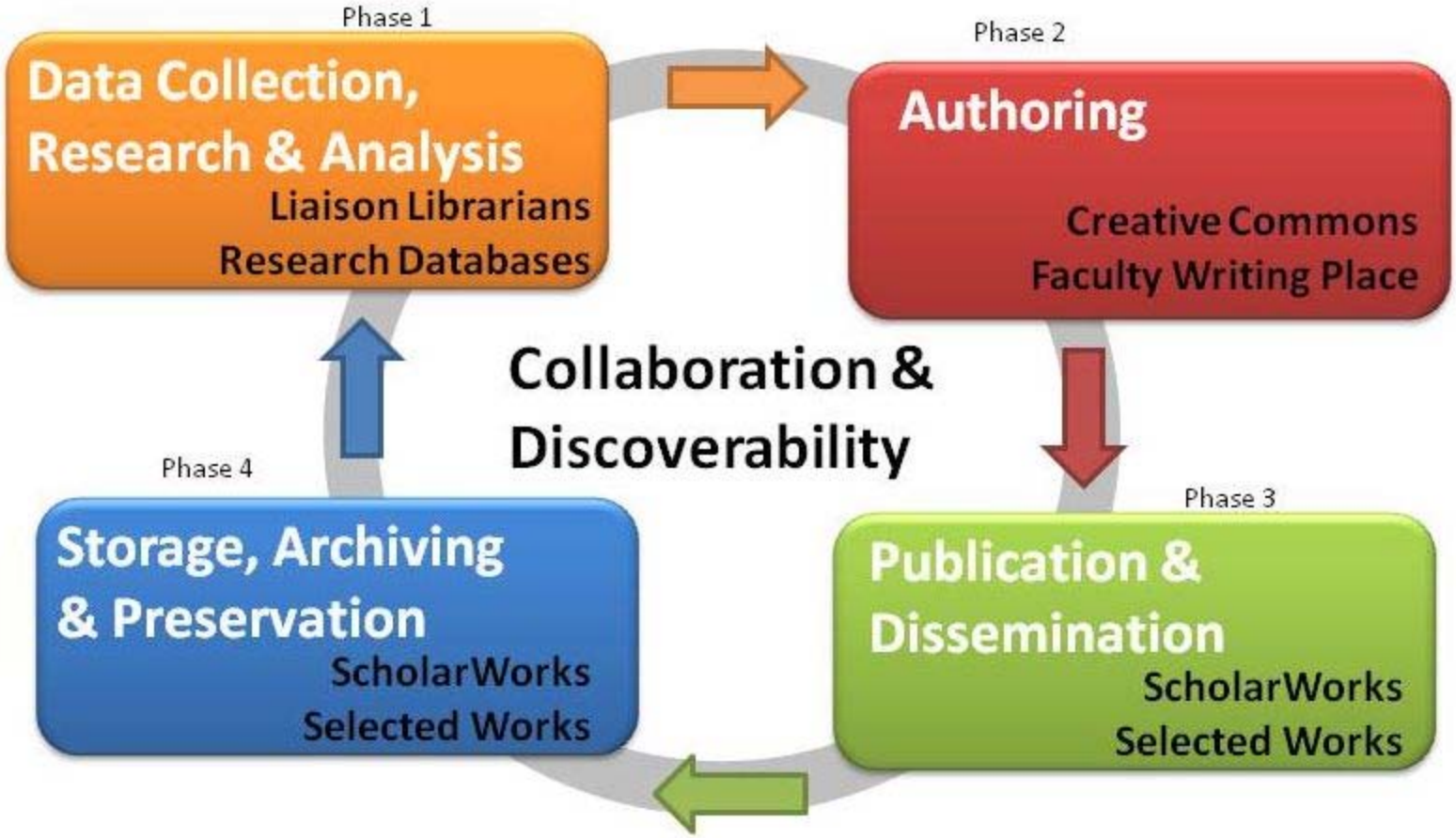
The Scholarly Communication Life Cycle



Transforming Librarian Roles

- Nexus of communication
- Create strategic partnerships
- Promote Open Access initiatives
- Curate digital materials
- Provide expertise on metadata, author rights, usage rights, etc
- Expand liaison role with faculty
- Provide education and workshops

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Scholarly Communication

Tags: author_rights, communication, open_access, scholarly_communication

The process by which scholars and institutions create, disseminate, preserve, and use research results is commonly described as scholarly communica

Last update: Jun 13th, 2011 | URL: http://guides.library.umass.edu/scholarlycommunication | Print Guide | RSS Updates | SHARE

Overview | Author Rights | Open Access | Publishing Models | Citation Impact | Copyright | Fair Use | History at UMA

Overview Comments (0) Print Page **Search:** This Guide Sea

Scholarly Communication Resources

- SPARC
  The Scholarly Publishing and Academic Resources Coalition is an international alliance of academic and research libraries that work together to stimulate the emergence of new scholarly communication models that expand the dissemination of scholarly research.

Comments (0)

Scholarly Communication

Scholarly communication is an umbrella term that describes the many ways in which scholars and researchers share their work:

- Publishing in print and electronic journals
- Archiving their work in digital repositories or on subject-specific websites
- Using email listserv mailing lists and online communities
- Creating new venues for dissemination, especially online

Currently, the field of scholarly communication is undergoing major changes, as open access and copyleft philosophies have begun to impact scholars' attitudes about sharing their work in a major way.

Scholarly Communication Guide

Marilyn Billings

Contact Info:
W.E.B. Du Bois Library, Room 1985
University of Massachusetts, Amherst
413.545.6891
Send Email

Links:
Profile & Guides

Blog feed: Scholarly Communications @ Duke

- A second front
- Who pays for copyright

ScholarWorks@UMass Amherst

Did you know that the UMass Amherst Libraries provide free services through ScholarWorks that can help you create and maintain peer-reviewed e-journals, personal researcher websites, and recruit and manage

Manage Copyright

- Retain Author Rights

  http://www.arl.org/sparc/author/
  - Reproduction
  - Distribution
  - Public performance
  - Modification of original work

- Modify publisher contracts
  - SPARC Authors Addendum

  http://www.arl.org/sparc/author/addendum.html
  - Creative Commons licenses

  http://creativecommons.org/licenses/

Journals with Open Policies

- Determine open access journals in your field

  http://doaj.org
- Investigate current publisher policies
  - Sherpa / RoMEO website http://www.sherpa.ac.uk/romeo.php
  - Publisher websites
- Faculty roles
  - Author
  - Editor / Editorial board /
  - Peer reviewer

2. Journals With Access-friendly Policies

- Determine open access journals in your field

  http://doaj.org
- Investigate current publisher policies
  - Sherpa / RoMEO website http://www.sherpa.ac.uk/romeo.php
  - Publisher websites
- Faculty roles
  - Author
  - Editor / Editorial board /
  - Peer reviewer

Open Access Funding Agencies

- National Science Foundation
- National Institutes of Health

- Wellcome Trust

- FRPAA (Federal Research Public Access Act) and its impact
  http://www.taxpayeraccess.org/frpaa/

Self-archiving

- Institutional Digital Repositories
  - Directory of Open Access Repositories

  http://opendoar.org
  - My example - ScholarWorks @ UMass Amherst

    http://scholarworks@umass.edu
- Disciplinary Repositories
  - arXiv.org http://arxiv.org/
  - RePEc http://repec.org/
  - Other examples

Selected Works of John J. McCarthy

My recent work has focused on Harmonic Serialism, a derivational version of Optimality Theory that appears to have several significant advantages over the parallel version.

1977

PDF **CT**, *Proceedings of the Seventh Annual Meeting of the North Eastern Linguistic Society* (1977)

The special status of coronals in consonant clusters.

1979

PDF **Formal Problems in Semitic Phonology and Morphology** (1985)

This study deals with the formal character of phonological representations and rules. Two basic lines...

PDF **On stress and syllabification**, *Linguistic Inquiry* (1979)

Of all the diverse properties of segmental strings, syllable structure is the one that stress...

PDF **CT**, *Proceedings of the Seventh Annual Meeting of the North Eastern Linguistic Society* (1977)

The special status of coronals in consonant clusters.

1980

PDF **A note on the accentuation of Damascene Arabic**, *Studies in the Linguistic Sciences* (1980)

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John J. McCarthy

University of Massachusetts - Amherst

- Distinguished Professor
- Head of Linguistics Department

Contact Information

Curriculum Vitae [PDF]

Search the Selected Works of John J. McCarthy

Open Educational Resources

- Educational materials and resources offered freely and openly for anyone to use and under some licenses to re-mix, improve and redistribute
- Both teachers and learners can share what they know
- UMass Amherst Open Education Initiative
- Grant opportunities such as Dept of Labor

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Open Educational Resources

Last update: Jun 7th, 2011 | URL: http://guides.library.umass.edu/oer | Print Guide | RSS Updates | SHARE

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Additional Resources

Open Educational Resources from Open Access Week - AthabascaU on Vimeo.

Comments (0)

Useful Links

- Scholarly Communication LibGuides

Quick Guide

What are Open Educational Resources (OER)?

Open Educational Resources are educational materials and resources offered freely and openly for anyone to use and under some licenses to re-mix, improve and redistribute.

Open Educational Resources include:

- Learning content: full courses, course material, content modules, learning

Additional Resources

Nicole Allen: Make Textbooks Affordable from SPARC on Vimeo.

Comments (0)

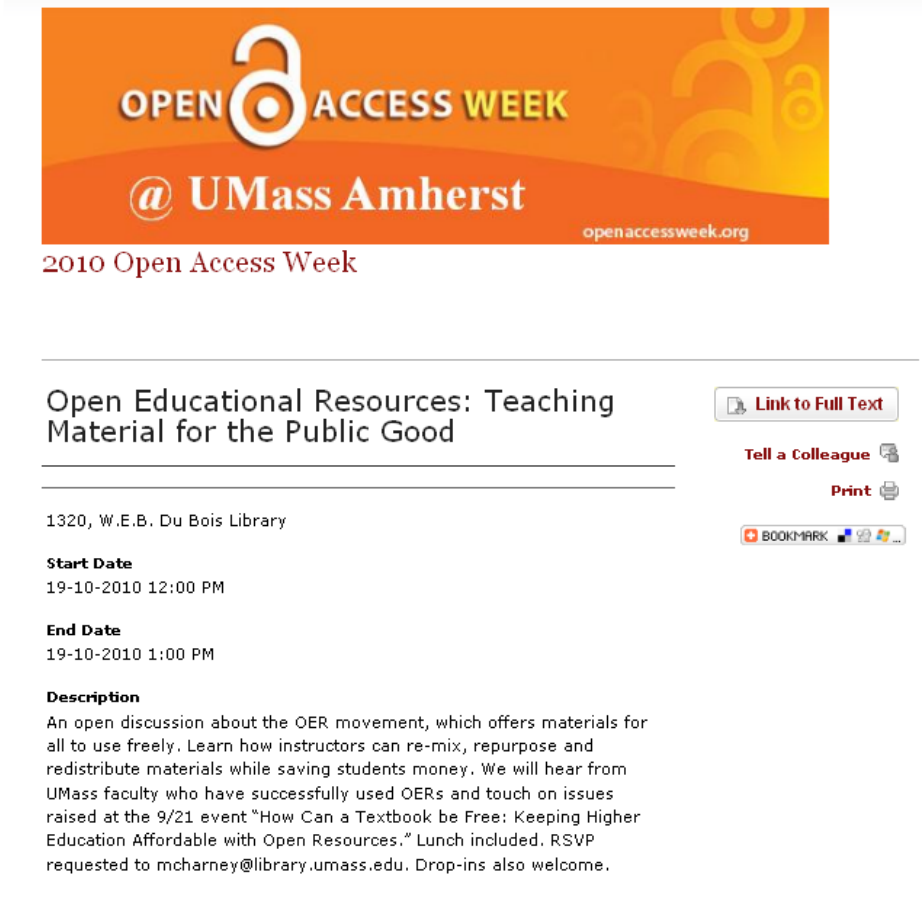
OER Information

7 Things You Should Know About Open Educational

OER Events during OA Weeks 2009 & 2010

http://scholarworks.umass.edu/oa/2009/oct22/4/

http://scholarworks.umass.edu/oa/2010/oct19/3/



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Share, Remix, Reuse — Legally
Creative Commons is a nonprofit organization that develops, supports, and stewards legal and technical infrastructure that maximizes digital creativity, sharing, and innovation.
Find licensed content
Search site
Search
Learn More...
Choose License
Learn more about Creative Commons and The TAACCCT* Federal Grant Program
*Trade Adjustment Assistance Community College and Career Training
Creative Commons is Global
Our worldwide network of 100+ affiliates provides local and regional expertise, scaling CC adoption and outreach efforts globally.
Our Vision
Realizing the full potential of the internet — universal access to research, education, full participation in culture, and driving a new era

Community College Consortium for Open Educational Resources

Shared Knowledge

When educators pool their expertise to create a culture of shared knowledge, everyone benefits. Use of free and open textbooks can lower educational costs for students. Become involved with the open educational resources (OER) movement so that doors to higher education stay open to all. For the latest information, check our **blog** and follow us on **Twitter**.

Adopt Open Textbooks

The **Community College Consortium for Open Educational Resources (CCCOER)** is a joint effort by the **OER Center for California**, Foothill-De Anza Community College District, the League for Innovation in the Community College, **OCW Consortium** and many other community colleges and university partners to develop and use open educational resources (OER) and especially **open textbooks** in community college courses. We now have over **200 members** of the OER Consortium. For more details, see the **It Takes a Consortium to Support Open Textbooks** article in the **January/February 2009 issue of *Educause Review*** magazine.

♦ Read about CCCOER's Path Forward in 2011

(click here)

CCCOER Quarterly Meeting on Feb. 27th at Innovations 2011 was a great success.

Read Una Daly's post about the meeting: Feb 27 CCCOER Quarterly Meeting: Great Information Exchange

Information

- About
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- Campus Promo Kit
- CCCOER's Path Forward
  - Bylaws
  - CCCOER Interim Governing Board
  - Committees and Boards
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  - Mission and Purposes
- Colleges Promoting OER
- Directory of OER Faculty
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- Literature
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- Meetings
- Members
- Membership Info
- Open Textbooks
- Resources
- Shared Knowledge
- Training

Tweets by OER_Center

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Funded by The William and Flora Hewlett Foundation, College Open Textbooks is a collection of colleges, governmental agencies, education non-profits, and other education-related organizations that are focused on the mission of driving the awareness and advocacy for open textbooks. This includes providing training for instructors adopting open resources, peer reviews of open textbooks, and mentoring online professional networks that provide support to authors who open their resources. Through our community outreach, we have found that open textbooks should be:

- easy to use, get and pass around,
- editable so instructors can customize content,
- cross-platform compatible,
- printable,
- and accessible so they work with adaptive technology.

That's just the short list.

Help us shape and continue to define what open textbooks turn out to be. Your voice will help create open textbook standards and guide

News & Events

June 7th, 2011
Open Textbook Adopter Communities: Transforming Teaching and Learning with Open Educational Practices
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June 2nd, 2011
Hats Off to Virginia! (Part 1) More

May 26th, 2011
OPEN DOORS AND OPEN MINDS: The future of open education through collaboration
More

May 19th, 2011
Open to Innovation: Building Better Textbooks with Eleven Learning
More

Questions / Discussion