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March 23, 2012

# The Transformation of Library Services in a Time of Rapid Scholarly Communication Change

Marilyn S Billings, *University of Massachusetts Amherst*



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# The Transformation of Library Services in a Time of Rapid Scholarly Communication Change

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# Today's Outline

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

# 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

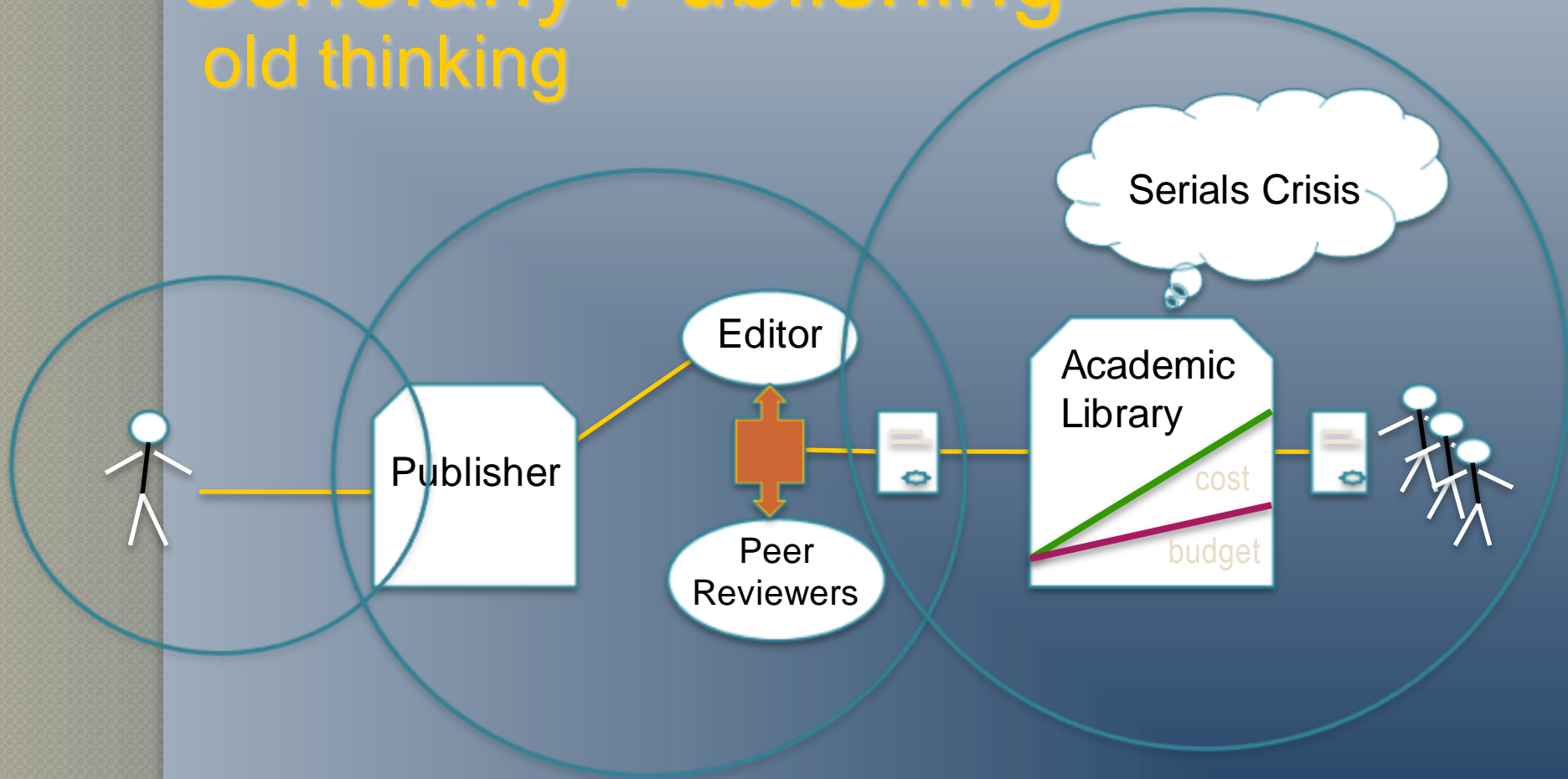
# gift economy



“payment” comes from other system/s  
(P&T, grants, prestige, etc.)

# Scholarly Publishing

old thinking



# 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



# 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 & Partners

- Faculty, researchers
- Honors students, undergraduate research
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[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](http://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](#)

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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



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Italian Prehistory and the Emergence of the Civic Museum

*Elisabetta Cova*



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### 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

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#### Kalidas Shetty, PhD

Associate Professor of Food Science  
Associate Director, Institute for Global Health  
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# Selected Works of John J. McCarthy

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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)



### Join My Mailing List

### John J. McCarthy

*University of Massachusetts - Amherst*

- Distinguished Professor
- Head of Linguistics Department

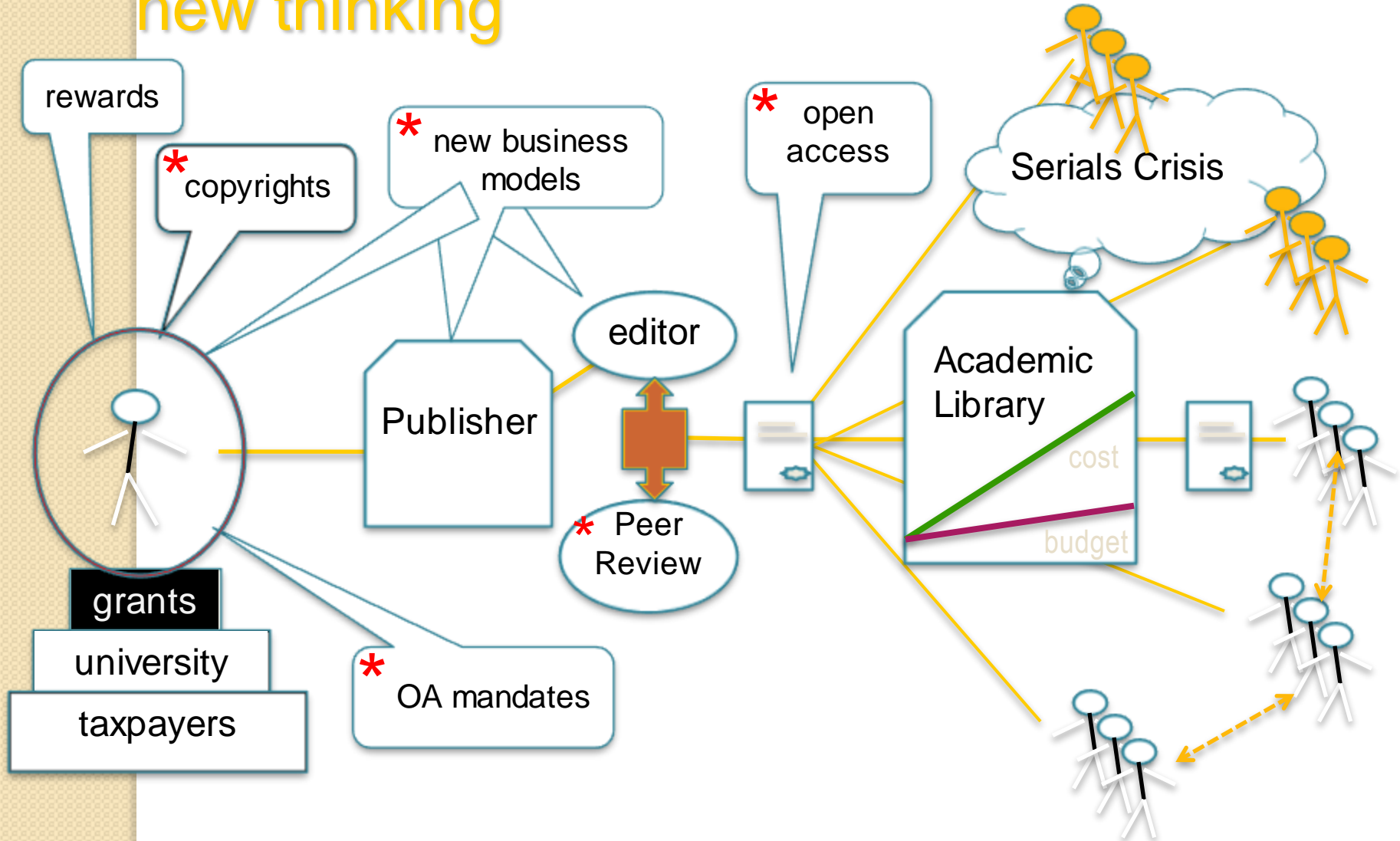
#### Contact Information

**Curriculum Vitae [PDF]**

**Search the Selected Works of John J. McCarthy**

# Scholarly Communications System

## new thinking



# 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

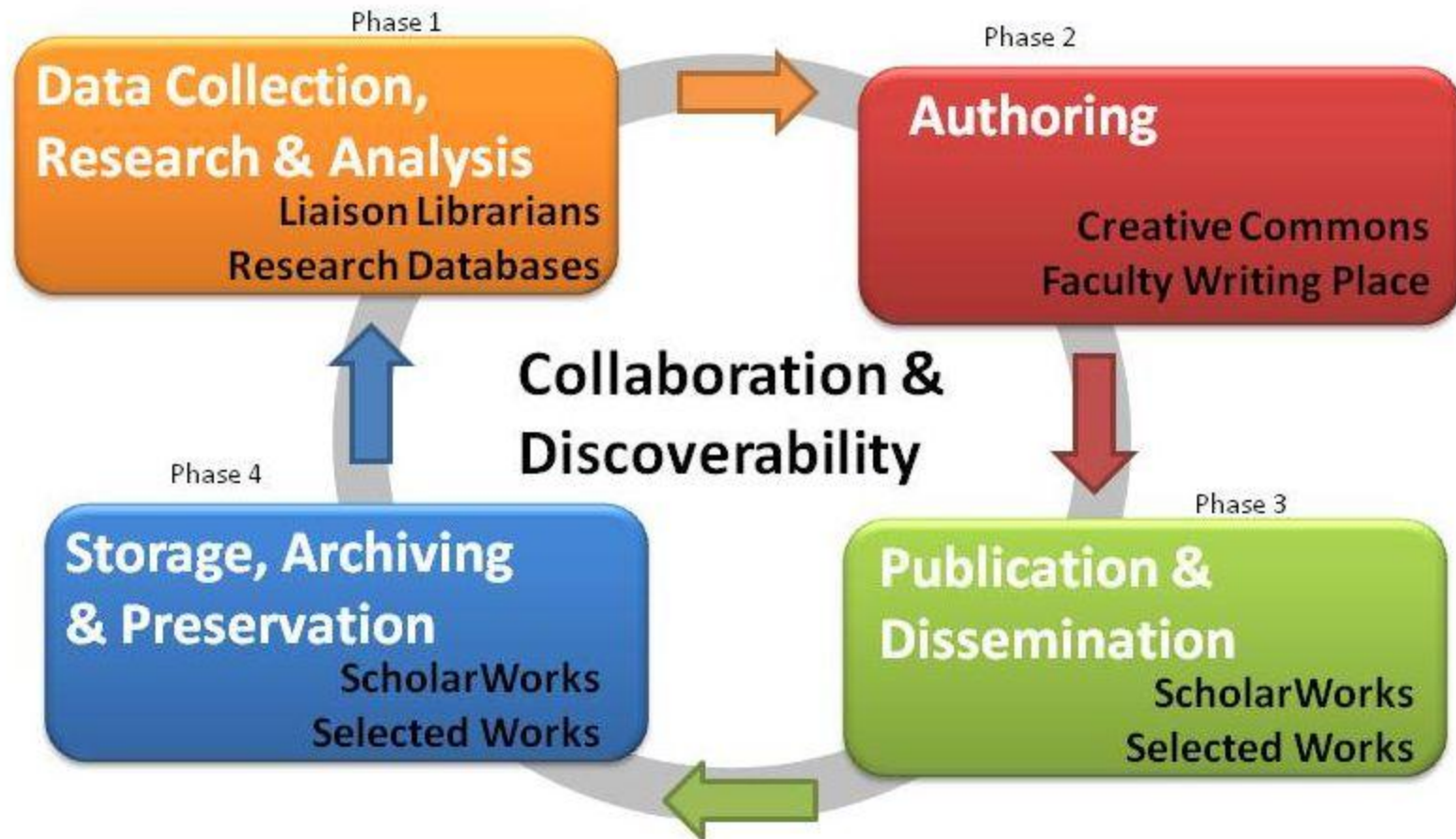
1. Manage copyright / retain author rights
2. Select journals and publishers with access friendly policies
3. Prefer open access grant agencies when seeking funding
4. Self-archive

**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?

# The Scholarly Communication Life Cycle



# Where do librarians fit?

- 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



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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 communication.

Last update: Jun 13th, 2011 | URL: <http://guides.library.umass.edu/scholarlycommunication> | [Print Guide](#) | [RSS Updates](#) | [SHARE](#) [f](#) [t](#) [e](#) ...

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### 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

no photo available

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### Blog feed: Scholarly Communications @ Duke

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### 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

# 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

# UMass Amherst Libraries



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## Open Educational Resources

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### Additional Resources

#### Types of OERs

- Learning objects, units, textbooks, scholarly articles  
[IRRODL.org](#)
- Multimedia objects (Flash etc.)
- Courses, programs full curriculum
- Tools, FOSS

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

[Comments \(0\)](#)

### Useful Links

- [Scholarly Communication LibGuides](#)

### Quick Guide

## Open Educational Resources



### 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.

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### OER Information



7 Things You Should Know About Open Educational Resources

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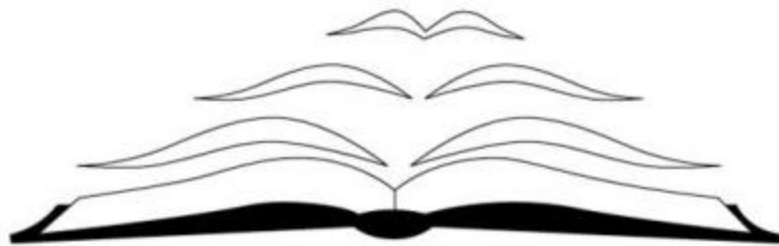
### Creative Commons is Global

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](#)

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## Welcome to College Open Textbooks!



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.

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



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**June 7th, 2011**

Open Textbook Adopter Communities: Transforming Teaching and Learning with Open Educational Practices

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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

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# 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



# Questions / Discussion