

University of Massachusetts Amherst

From the Selected Works of Marilyn S. Billings

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Scholarly Communication, Open Access Publishing, and the Berlin Declaration

Marilyn S Billings, *University of Massachusetts Amherst*



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Scholarly Communication Trends

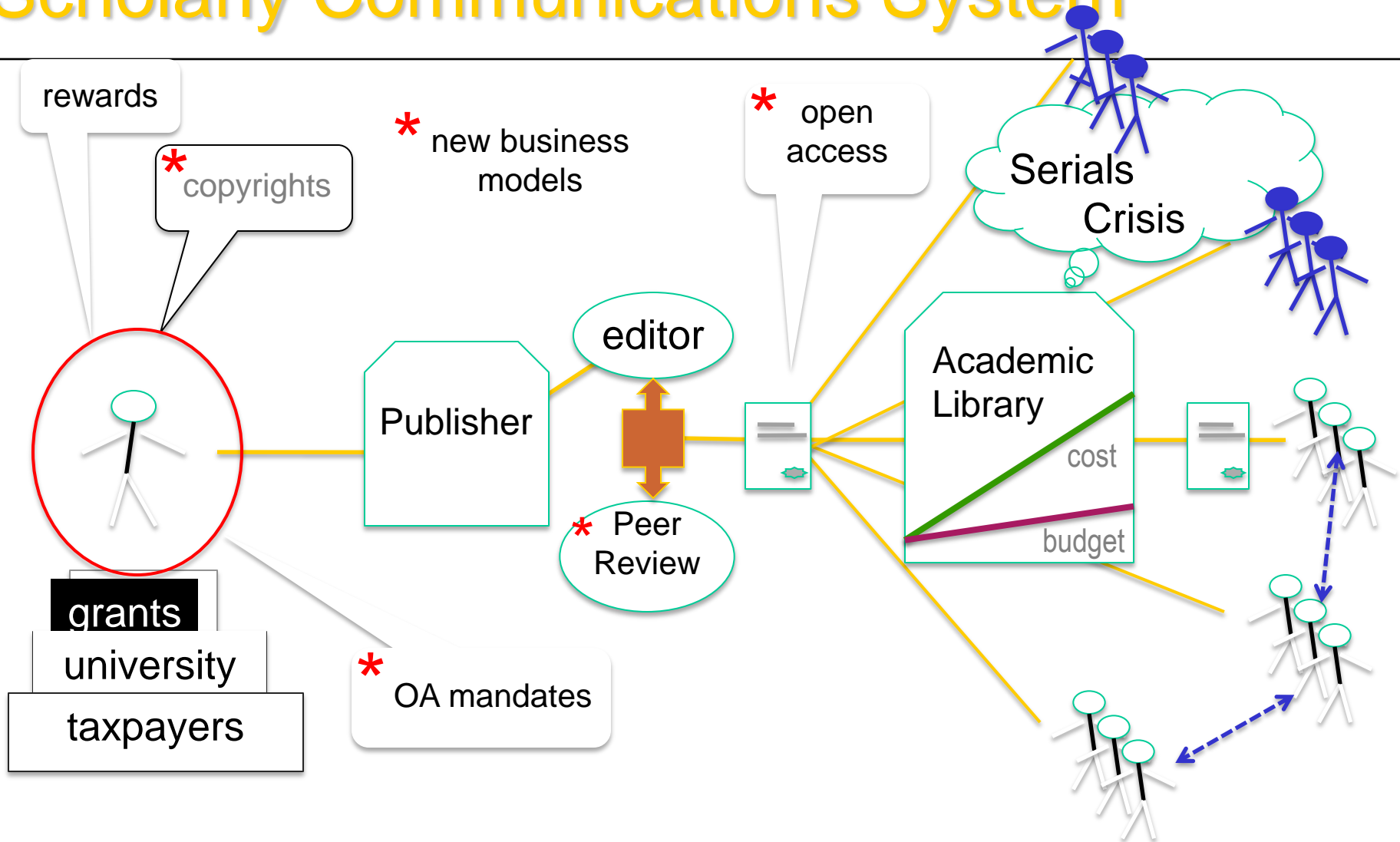
- “Crisis of ’90s
- Increasing amounts of research and scholarship born in digital form
- Need to collect and preserve this material
- Examine new scholarly publishing models

Scholarly Publishing

traditional thinking



Scholarly Communications System



Engagement in Scholarly Communication

Library-sponsored colloquia:

- **October 2001: *Scholarly Publishing: Constructing a Brave New World*** with Jean-Claude Guedon, Professor at the Université de Montréal, David E. Shulenburger, Provost of the University of Kansas (later the first Vice President for Academic Affairs for the APLU), and Heather Joseph, President of *BioOne* (now Executive Director of SPARC - the Scholarly Publishing and Academic Resources Coalition).
- **October 2004: *Freedom of Speech and Speech for Free: University Libraries, University Presses and the Law***, with Peter J. Givler, Executive Director of the Association of American University Presses.
- **March 2005: *In the Public Interest: Expanding Access to Scholarly Research*** with John Willinsky, Public Knowledge Project, and Jane Griffith, National Institutes of Health.
- **September 2005: *University E-Repositories: Solutions for the Scholarly Community*** with Ann Wolpert, Director of Libraries, Massachusetts Institute of Technology, and Nancy Fried Foster, Lead Anthropologist, University of Rochester.

Digital Quadrangle Series

Co-sponsored by University Libraries, Office of Research and others

- **April 2006: *Research & Scholarship in the Digital Age: An Exploration*** with Christopher Greer, Program Director, National Science Foundation Office of Cyberinfrastructure (now Director of NSF's national Coordination Office for Networking and Information Technology Research and Development).
- **March 2007: *Showcasing Research & Teaching in the 21st Century: A Digital Approach*** with David Shulenburger, Vice President for Academic Affairs, NASULGC/APLU. Official launch of ScholarWorks.
- **March 2008: *Engaging the Web for Scholarship, Pedagogy, and Publication*** with *Siva Vaidhyanathan* (author of *The Googlization of Everything*), University of Virginia.
- **October 2009: *The University's Role in the Dissemination of Research & Scholarship: A Call to Action*** with *Stuart Shieber*, James O. Welch, Jr. and Virginia B. Welch Professor of Computer Science and Director, Office for Scholarly Communication, Harvard University and *Ann Wolpert*, Director of Libraries, Massachusetts Institute of Technology.

Faculty Senate actions

- **May 2006:** Faculty Senate endorsed (Sen. Doc. No. 06-038 from the Research Library Council) the investigation of implementing an Institutional Repository for UMass Amherst. This led to the creation of **ScholarWorks@UMassAmherst**, launched in March 2007.
- **May 2007:** Faculty Senate endorsed (Sen. Doc. No. 07-035) the recommendations of the RLC “and encouraged faculty, librarians, staff, and administrators to be supportive of new and innovative models of scholarly communication and utilize these options whenever possible.”
- **October 2008:** Faculty Senate endorsed (Sen. Doc. No. 09-010) the recommendation from the Rules Committee to establish an Ad Hoc Committee on the Impact and Implications of Digital Scholarship.”
- **April 2009:** Faculty Senate Committee of the Whole discussion on “***The Impact and Implications of Digital Scholarship***” moderated by Arthur Kinney, Chair of the RLC, with panelists Jay Schafer, the Director of Libraries, Bruce Wilcox, the Director of the University Press, Marilyn Billings, the coordinator of ScholarWorks, and Stuart Shulman, faculty member from Political Science representing the Ad Hoc Committee.

Recent Developments

- **Jan 2008:** NIH Public Access Mandate goes into effect requiring all NIH funded researchers to submit their final peer-reviewed manuscript to Pub Med Central (possible 12 month embargo)
- **Jan 2011:** Proposals to NSF must include supplemental “data management plan” document describing public dissemination and sharing of research results
- **April 2011:** “Resolution on Open Access and Scholarship” passed by the UMass Worcester Faculty and Executive Councils.
- **June 2011:** NEH announced that the Digital Humanities Implementation Grants program requires that every applicant include both a sustainability plan and a data management plan.
- **August 2011:** Coalition of Open Access Policy Institutions (COAPI) was established. This is a new, and growing, alliance of more than 20 colleges and universities that have faculty open access policies on scholarly research.

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Ad Hoc Committee ... Digital Scholarship

- **May and Sept 2009:** Faculty Senate endorsed (Sen.Doc.No. 09-058) the Final Report of the Ad Hoc Committee on the Impact and Implications of Digital Scholarship
 - “Rapid rise of digitization .. Fundamental and far-reaching consequences” outlined in the report and continue to track effects.
- **Sept 2011:** Faculty Senate endorsed (Sen.Doc.No. 12-009) the Second Report of the Ad Hoc Committee on the Impact and Implications of Digital Scholarship with the following recommendations:
 - that Deans of the Schools/Colleges initiate a discussion that asks Department Chairs and Promotion and Tenure Committees to begin addressing the impact digital scholarship may have on the local promotion and tenure process
 - that the University Libraries and the Research Library Council work with the Provost, the VCRE, and the Deans of the Schools/Colleges to investigate and recommend if it is appropriate for the UMass Amherst Faculty Senate to adopt an Open Access Policy using the model of the Coalition of Open Access Policy Institutions (COAPI).

Berlin Declaration

Main statements:

- encouraging our researchers/grant recipients to publish their work according to the principles of the open access paradigm.
- encouraging the holders of cultural heritage to support open access by providing their resources on the Internet.
- developing means and ways to evaluate open access contributions and online-journals in order to maintain the standards of quality assurance and good scientific practice.
- advocating that open access publication be recognized in promotion and tenure evaluation.
- advocating the intrinsic merit of contributions to an open access infrastructure by software tool development, content provision, metadata creation, or the publication of individual articles.

Next Steps

- Research Council: Vote to endorse signing of Berlin Declaration
- Faculty Senate: Put motion for the University of Massachusetts Amherst to endorse the Berlin Declaration on Dec 1 or Dec 13 Faculty Senate agenda
- Move forward with recommendations of the Ad Hoc Committee on the Impact and Implications of Digital Scholarship

Questions / Comments

Marilyn Billings

Scholarly Communication & Special Initiatives
Librarian

University Libraries

mbillings@library.umass.edu or 545-6891

Leslie Button

Associate Director for Library Services

University Libraries

button@library.umass.edu