

Scholarship in the Digital Environment: Opportunities, Challenges, Recognition

Background Reading and Websites

Scholarly Communication - General

Lee C. Van Orsdel "The State of Scholarly Communications: An Environmental Scan of Emerging Issues, Pitfalls, and Possibilities." *The Serials Librarian*. 52.1/ 2 (2007): 191-209.

[Current Models of Digital Scholarly Communication](#): Results of an Investigation Conducted by ITHAKA for the Association of Research Libraries, November 2008.

Peer Review and New Models

[Scholarly Communication: Academic Values and Sustainable Models](#), C. Judson King, Diane Harley, Sarah Earl-Novell, Jennifer Arter, Shannon Lawrence, and Irene Perciali (Berkeley: Center for Studies in Higher Education, July 2006) [PDF].

["Does Tenure Need to Change?"](#) *The Scientist*, online discussion, July 2007.

[American Philological Association and the Archeological Institute of America Task Force on Electronic Publications, Final Report](#) (April 2007).

Society for Neuroscience: ["The Journal of Neuroscience Institutes New Publishing Policy"](#) and ["Open Access Publishing Raises Questions."](#) *Neuroscience Quarterly* (Winter 2006).

Modern Language Association Task Force on Evaluating Scholarship for Promotion and Tenure, ["Report on Evaluating Scholarship for Tenure and Promotion"](#) (2006).

Scholarly Publishing

ARL: A Bimonthly Report, No. 252/253 (June/August 2007) [Special Double Issue on University Publishing](#).

Laura Brown, Rebecca Griffiths, and Matthew Rascoff. [University Publishing in a Digital Age. Ithaka Report 2007](#).

Julian H. Fisher. ["Scholarly Publishing Re-invented: Real Costs and Real Freedoms."](#) *The Journal of Electronic Publishing*. 11.2 (Spring 2008).

Michael Furlough. ["University presses and scholarly communication."](#) *College & Research Libraries News*. 69.1 (Jan. 2008): 32.

Karla L. Hahn. ["Research Library Publishing Services: New Options for University Publishing."](#) Washington, D.C.: Association of Research Libraries, 2008.

Open Access

Joseph J. Esposito. ["Open Access 2.0: Access to Scholarly Publication Moves to a New Phase."](#) *The Journal of Electronic Publishing*. 11.2 (Spring 2008).

Anna K. Hood. [Open Access Resources.](#) SPEC kit, 300. Washington, D.C.: Association of Research Libraries, 2007.

John Willinsky. [The Access Principle: The Case for Open Access to Research and Scholarship.](#) Cambridge, Mass: MIT Press, 2006.

Digital Repositories

Charles W. Bailey. [Institutional Repositories.](#) SPEC kit, 292. Washington, D.C.: Association of Research Libraries, 2006.

Ronald C. Jantz, Myoung C. Wilson. "Institutional Repositories: Faculty Deposits, Marketing, and the Reform of Scholarly Communication." *Journal of Academic Librarianship*. 34.3 (May 2008): 186+.

Tyler O. Walter. ["Reinventing the Library-How Repositories Are Causing Librarians to Rethink Their Professional Roles."](#) Portal: Libraries and the Academy. 7.2 (April 2007).

Faculty/Campus Issues

[Faculty Attitudes and Behaviors Regarding Scholarly Communication: Survey Findings from the University Of California.](#) University of California, Office of Scholarly Communication and the California Digital Library eScholarship Program in association with Greenhouse Associates, Inc., 2007.

Carol Ann Hughes. ["The Case for Scholars' Management of Author Rights."](#) Portal: Libraries and the Academy. 6.2 (April 2006).

[The University's Role in the Dissemination of Research and Scholarship – A Call to Action.](#) A Report Issued by the Association of American Universities, the Association of Research Libraries, the Coalition for Networked Information, and the National Association of State Universities and Land Grant Colleges. February 2009.

Websites

General

[Association of College & Research Libraries: Scholarly Communication](#)

A list of ACRL's initiatives and resources in the area of scholarly communication.

[Association of Research Libraries: Scholarly Communication](#)

A page with links to resources for various topics such as author rights and scholarly publishing models.

[Campus-based Publishing Resource Center](#)

This site addresses the development and maintenance of campus-based publishing partnerships between libraries, presses, and other academic units. Among the available resources is a guide, [Campus-based Publishing Partnerships: A Guide to Critical Issues](#), by Raym Crow.

Author Rights

[Create Change](#)

Targeted at scholars and researchers; this site describes how the scholarly communication landscape has changed in the Internet age and what benefits it has generated in the dissemination of scholarly information.

[Manage Your Intellectual Property](#)

Created by the University of California Office of Scholarly Communication, this site discusses why retaining certain copyrights will enhance the dissemination, use, and impact of published scholarly works.

[Open Access Directory: Author Addenda](#)

A list of author addenda created to help authors retain their rights.

[Retaining Rights & Increasing the Impact of Research](#)

This MIT Libraries site addresses why it is important for authors to retain some rights to archive and reuse their publications. It also provides links to relevant online resources.

[RoMEO](#)

This tool provides a summary of permissions that are usually given as part of a journal publisher's copyright transfer agreement. Its accompanying site, [JULIET](#), provides a summary of research funders' policies as part of their grant awards and will be of use to grant-funded authors.

[Scholar's Copyright Addendum Engine](#)

Tool to generate an addendum to a journal publisher's copyright transfer agreement in order for an author to retain certain rights

[SPARC's Author Rights Initiatives](#)

This site informs academics of how to use the SPARC Author Addendum to retain their rights as authors of journal articles.

Digital Repositories

[Directory of Open Access Repositories \(OpenDOAR\)](#)

This is a directory of academic open access repositories. It also enables users to [search](#) the content of the indexed repositories.

[Registry of Open Access Repositories \(ROAR\)](#)

This is an online finding aid for academic open access repositories. There is also the feature of [searching](#) the content of registered repositories.

Open Access

[Developing Open Access Journals: Resources](#)

This is an annotated list of online resources for open access journal publishing. It accompanies a useful [guide](#) that outlines issues to be addressed in the process of developing an open access journal. (The guide is an abridged version of the book, *Developing Open Access Journals: A Practical Guide*.)

[Directory of Open Access Journals \(DOAJ\)](#)

This resource categorizes open access journals in various disciplines and provides a platform for searching the contents of some open access journals.

[Open Access Basics](#)

Introduces readers to open access and provides links to relevant online resources.

[Open Access Bibliography](#)

Provides an overview of open access concepts and presents over 1,300 works about the open access movement.

[Open Access Journal Business Guides](#) Open Access Initiative offers guides on business planning for converting a subscription-based journal to open access, business planning for launching a new open access journal; and includes a model business plan (a supplemental guide for open access journal developers and publishers).

[Open Access Scholarly Information Sourcebook \(OASIS\)](#)

This site covers the concepts, principles, advantages, approaches, and means to

achieving open access. It offers textual and multimedia materials to inform researchers, librarians, publishers, administrators, public, and students of relevant issues.

[SPARC Open Access Newsletter](#)

A monthly newsletter discussing the latest developments in the open access movement and reporting noteworthy news in the area of scholarly communication.

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Digital opportunities to improve operations and increase flexibility are available throughout the value chain (Exhibit 2). Conservative estimates supported by analysis of real-life cases suggest that digital optimization can boost profitability by 20 to 30 percent. Utilities can realize most of this potential by three means: smart meters and the smart grid, digital productivity tools for employees, and automation of back-office processes. Process-efficiency opportunities are also evident in the significant variation among retail providers in cost per customer, the cost of resolving errors, and billing inquiries. In recognition of the opportunity, almost all major energy suppliers have invested in online and especially mobile channels in recent years.