

Open Access @MIT: Implementation & Impact

With Notes on the Role of Libraries in Supporting
Open Access

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Purpose/ Aim of the MIT Faculty Open Access Policy



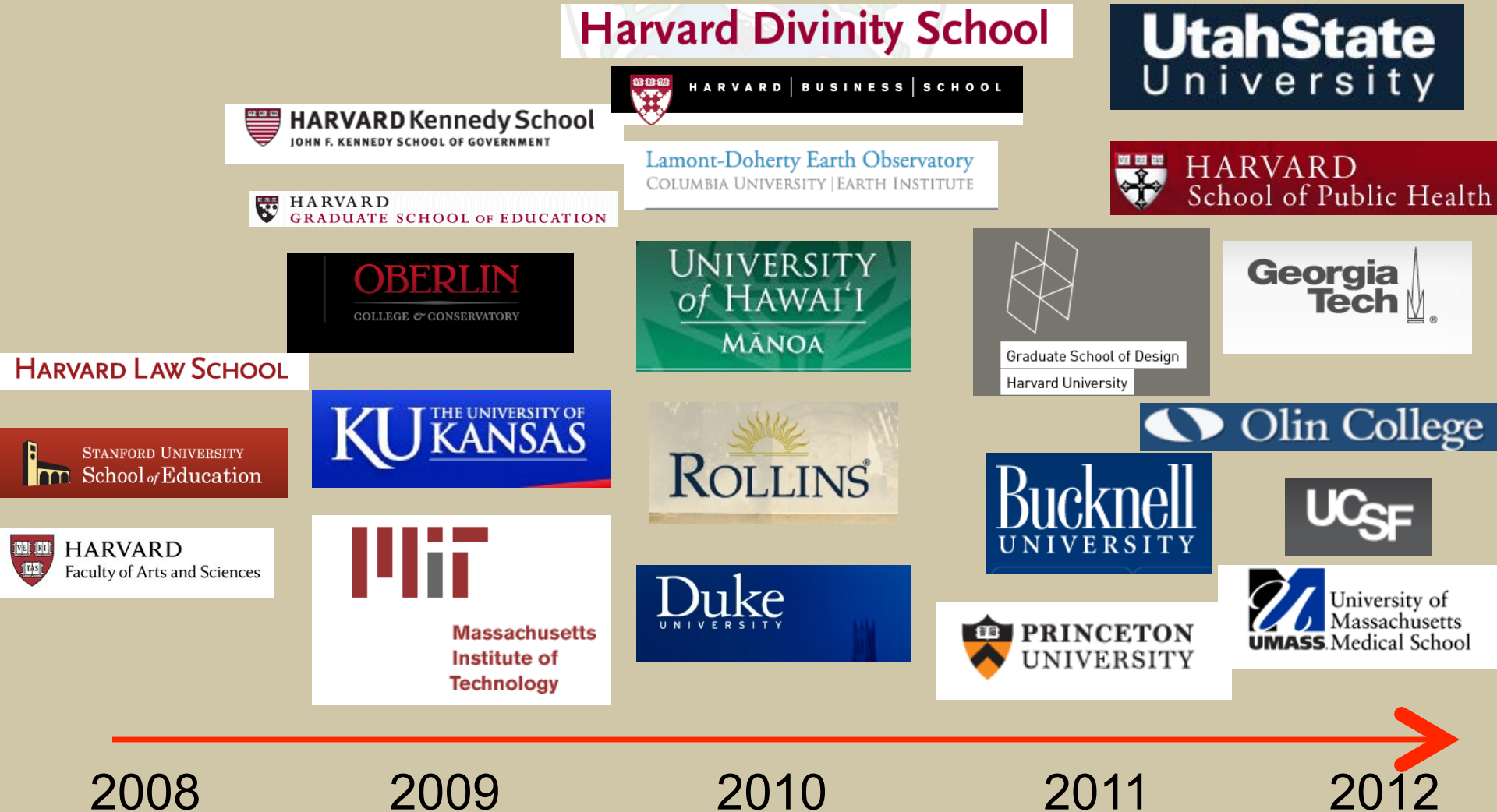
“The Faculty of the Massachusetts Institute of Technology is **committed to disseminating the fruits of its research and scholarship as widely as possible.**”

Opening line of MIT Faculty Open Access Policy (2009)
First campus-wide faculty-initiated policy of its kind in the US

Permission-Based Policy: License Grant to MIT

- Grants MIT nonexclusive permission to exercise all rights under copyright
 - Provided articles not sold for a profit
 - MIT has right to give permission to authors to share/use their work
- Exists prior to any publisher copyright agreement
- Copyright is not transferred to MIT
- Copyright can still be transferred to publisher
 - Subject to prior license to MIT
- Changes the default so that authors retain rights
 - With no action needed by author
- Opt outs accepted automatically
 - On a per-paper basis

Permission-Based OA Policy Growth in US



Key Factors

- Faculty driven
- Value-based and culture/mission-driven
- Permission-based policy (with ‘teeth’)
 - Changes legal default with no author action
- Libraries deposit for authors
- Assertive implementation with workflow tracking
 - Provides assessment data
- “As convenient as possible”
 - No paperwork for faculty
 - Seek papers from other sources prior to asking faculty

Three Channels to Obtain Papers

- Publishers' websites- *if Allowed*
- Repositories & MIT Websites
- Faculty requests, via subject librarian liaisons
 - For those we cannot obtain as above
 - Annual outreach message with list of needed papers

Constraints

- Faculty time
- Availability of final accepted manuscript
- Faculty concerns about publisher
- Publisher responses – e.g. changing author agreement to require opt out
 - Vast majority of publishers cooperating
 - Some who require opt out still allow posting
 - See libraries.mit.edu/publisherpolicies

MIT Open Access Policy: Impact Worldwide Downloads



>7,900 papers (~33% of all faculty papers)
Over 630,000 downloads since Oct.' 09
40,000/month

Worldwide Impact on Readers

“I am an independent researcher from a third world country not affiliated to any university or a company,” “I neither have access to paid journals nor I can afford them. MIT's Open Access is something I love and rely upon...Thank you again for thinking about the unfortunates and keeping the information free and open.”

--researcher (Nepal)



From a caregiver

“My wife was diagnosed with [lung cancer]. As her husband and caregiver, I try to do everything I can to make her journey easier, and everything I can to create a full recovery for her. Part of that is arming myself with EVERY bit of knowledge I can gather about her cancer. Your resources allow a non-medical, non-academic, like myself access to this invaluable and leading edge data. I cannot THANK YOU enough.”



Open Access -- New Audiences Around the World

- Students
- Job seekers
- Faculty and researchers in developing nations
- Independent scholars
- Journalists
- Hobbyists
- Retired engineers / scientists
- Patient advocates

...grateful readers who are not in a position to subscribe or pay for individual articles

Other Open Access Support for Faculty

- Administering open access policies, yes, but also....

Supporting Authors Who Choose Open Access Journals: OA Fund

- Funds to pay article processing fees in open access journals – level the playing field v. subscription journals
- 55 Funds listed in Open Access Directory
 - International list
 - Info at: http://oad.simmons.edu/oadwiki/OA_journal_funds
- 26 North American institutions with OA funds reported by SPARC
 - Info at: <http://www.arl.org/sparc/openaccess/funds/>
- Managed by libraries

Supporting Authors via Library Licenses for Journals

- All MIT authors who publish with Springer:
 - Journals, e-books, protocols – 2009-14
- Reuse rights for authors
 - Post work on web
 - Use in future publications
- No action needed on part of author



Libraries Hosting Open Access Journals

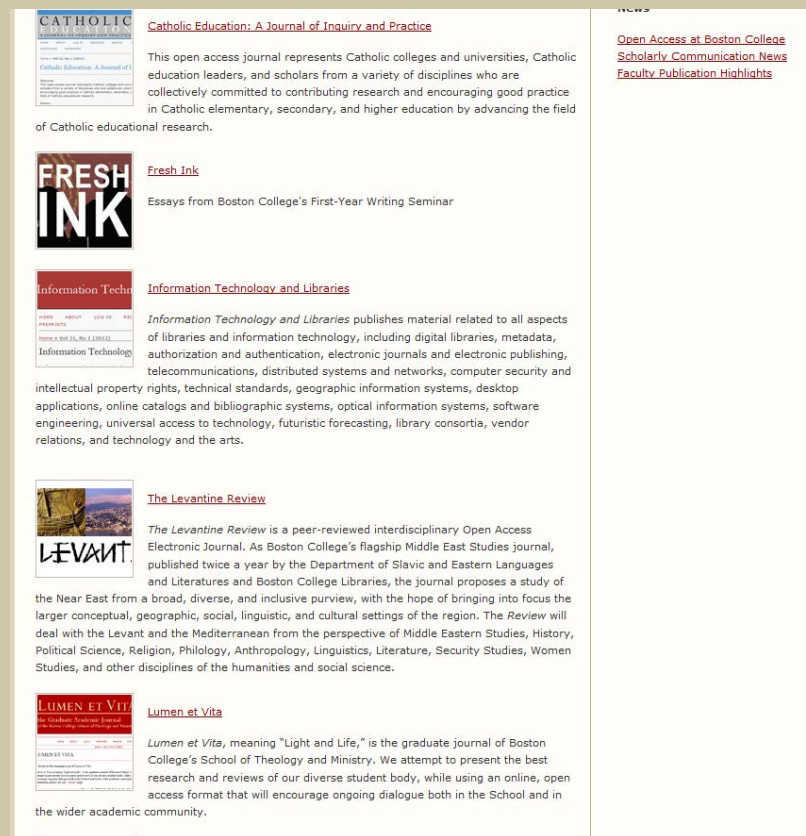
University of Michigan Mpublishing



The screenshot shows the Mpublishing website with a navigation bar (About, Services, Publications, University of Michigan Press) and a search bar. The main content area is titled "Journals" and lists several open access journals with their logos and descriptions:

- ARKIVOC**: The Archive for Organic Chemistry (ARKIVOC) is the free online journal devoted to all aspects of organic chemistry. Its fundamental policy is the publication of sound, peer-reviewed, scientific information completely free of charge to both authors and readers. The latter aspect was designed especially to benefit scientists in developing countries and hence to promote the basic human rights of equality of opportunity and education.
- Bulletin of the American Society of Papyrologists**: The Bulletin of the American Society of Papyrologists (BASP) has been the official journal of the American Society of Papyrologists since its first publication and is devoted to papyrology and related disciplines. This database makes all issues of BASP available electronically, except the two most recent issues.
- Contemporary Aesthetics**: Contemporary Aesthetics (CA) is an international, interdisciplinary, peer- and blind-reviewed online journal of contemporary theory, research, and application in aesthetics. This open-access journal is published on a rolling basis, and is annually archived by the University of Michigan Library. This archive consists of the entire CA backfile—from the first to the most recently completed volume.
- Feminist Studies**: Feminist Studies publishes research and criticism that address theoretical issues and offer analyses of interest to feminist scholars across disciplines. Feminist Studies features theoretically sophisticated essays that make an original contribution and advance interdisciplinary scholarship regarding women and/or gender.

Boston College eScholarship



The screenshot shows the Boston College eScholarship website with a list of open access journals:

- Catholic Education: A Journal of Inquiry and Practice**: This open access journal represents Catholic colleges and universities, Catholic education leaders, and scholars from a variety of disciplines who are collectively committed to contributing research and encouraging good practice in Catholic elementary, secondary, and higher education by advancing the field of Catholic educational research.
- Fresh Ink**: Essays from Boston College's First-Year Writing Seminar.
- Information Technology and Libraries**: Information Technology and Libraries publishes material related to all aspects of libraries and information technology, including digital libraries, metadata, authorization and authentication, electronic journals and electronic publishing, telecommunications, distributed systems and networks, computer security and intellectual property rights, technical standards, geographic information systems, desktop applications, online catalogs and bibliographic systems, optical information systems, software engineering, universal access to technology, futuristic forecasting, library consortia, vendor relations, and technology and the arts.
- The Levantine Review**: The Levantine Review is a peer-reviewed interdisciplinary Open Access Electronic Journal. As Boston College's flagship Middle East Studies journal, published twice a year by the Department of Slavic and Eastern Languages and Literatures and Boston College Libraries, the journal proposes a study of the Near East from a broad, diverse, and inclusive purview, with the hope of bringing into focus the larger conceptual, geographic, social, linguistic, and cultural settings of the region. The Review will deal with the Levant and the Mediterranean from the perspective of Middle Eastern Studies, History, Political Science, Religion, Philology, Anthropology, Linguistics, Literature, Security Studies, Women Studies, and other disciplines of the humanities and social science.
- Lumen et Vita**: Lumen et Vita, meaning "Light and Life," is the graduate journal of Boston College's School of Theology and Ministry. We attempt to present the best research and reviews of our diverse student body, while using an online, open access format that will encourage ongoing dialogue both in the School and in the wider academic community.

The Next Big Thing? Libraries' Support for Open Textbooks, MOOCs

UMass – support for open textbooks

Massive Open Online Courses (MOOCs): edX

The screenshot shows the UMass Amherst Libraries website. The main heading is "UMass Amherst Libraries" with a logo for "ask a Librarian". Below the heading, there are navigation tabs for "Home", "For Educators", "For Learners", "Advocacy", "UMass Amherst Examples", "Open Education Initiative", and "Library Liaisons". The "For Educators" tab is selected. The page content includes a search bar, a "Comments(0)" button, and a "Print Page" button. There are several sections: "Additional Resources" with a video player titled "Faculty Perspectives on Open Educational Resources and Open Access from Gideon Burton on Vimeo"; "OER for Educators" with a photo of a speaker at a podium; "OER Discussion" with a text block and a "Giving Knowledge for Free" link; "Open Image Sharing" with a link to "Flickr: Creative Commons"; "Academic Commons" with a link to "http://www.academiccommons.org"; "AcademicPub" with a link to "http://www.academicpub.org"; and "Community College Consortium for Open Educational Resources".

The screenshot shows the edX website homepage. The main heading is "edX" with a "FIND COURSES" button. Below the heading, there are navigation links for "ABOUT", "BLOG", "JOBS", "LOG IN", and "SIGN UP". The main content area features a large banner image of students sitting on a brick wall, with a video player overlay titled "The Future of Online Education for anyone, anywhere, anytime". Below the banner, there is a section titled "EXPLORE FREE COURSES FROM edX UNIVERSITIES" with logos for MIT Massachusetts Institute of Technology, HARVARD UNIVERSITY, Berkeley UNIVERSITY OF CALIFORNIA, THE UNIVERSITY of TEXAS SYSTEM, WELLESLEY, and GEORGETOWN UNIVERSITY.

Libraries at edX institutions are collaborating to develop best practices for use of content in MOOCs

Supporting Faculty Goal: “disseminating the fruits of research and scholarship as widely as possible”

“Thank you for making science freely available to all!” –
scientific journalist (U.S.)

“I am extremely grateful to the MIT faculty for allowing individuals like me to get access to such valuable resources.” –*unemployed engineer (U.S.), preparing for interviews*

“In countries like Bangladesh getting access ...is difficult on many levels, so open access definitely helps students who would like to read about research work.” - *economics student (Bangladesh)*



THROUGH:

- Open Access Policy administration
- Open Access Journal Funds
- Open Access Journal Hosting
- Negotiating for author rights retention in licenses