The New Now: Institutional Repositories and Academia

Marilyn S Billings, University of Massachusetts Amherst
The New Now:
Institutional Repositories and Academia

Institutional Repository Day @ USM
April 17, 2015

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Today’s Outline

- Introduction
- Context: Changing Times ‘90s and ‘00s
- New Models and Partnerships
  - Institutional Repositories
  - Open Access
    - Journals, Conferences
    - Open Education
- Trends and Implications
  - Data Management and Funder Mandates, 2008-
  - Alternative Metrics
UMass Amherst Profile

- Public Land-grant, Research Intensive University
- Over 28,000 students, 1200 faculty
- 108 bachelor’s, 76 masters, 50 doctorates
The Scholarly Communication Life Cycle

Phase 1: Data Collection, Research & Analysis
- Liaison Librarians
- Research Databases

Phase 2: Authoring
- Creative Commons
- Faculty Writing Place

Phase 3: Publication & Dissemination
- ScholarWorks
- Selected Works

Phase 4: Storage, Archiving & Preservation
- ScholarWorks
- Selected Works

Collaboration & Discoverability
Changing Times of ‘90s and ‘00s

- Invention of Web 1993
- Journal Crisis in Libraries ‘90s
- Trend toward digital
- Growing ubiquity of Internet
- Open Access movement, early ‘00s
- Federal agency mandates for Open Access
  - Any federal agency with $100 million or more in annual R&D expenditure – began in 2008
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
  
  [http://aquila.usm.edu/](http://aquila.usm.edu/)

- **Open Access Journals, Monographs**
  - Journals available at no cost to end user
  - Various models and implications

- **Open Education**
  - Resources, tools and practices that employ a framework of open sharing to improve educational access and effectiveness worldwide.
Established in 2006
First collections:
• ETDs
• Faculty researcher pages
• Rasenna – journal in Etruscan Studies
• Research Centers
• Community Engagement
Mission Statement

Welcome to the Networked Digital Library of Theses and Dissertations (NDLTD), an international organization dedicated to the preservation of electronic theses and dissertations (ETDs). We support electronic publishing and open access to scholarly materials. This website includes resources for university administrators, librarians, faculty, students, and the general public. Topics include: copyright; intellectual property; legal and technical questions; and the latest news and research in the ETD community. More >>

Thesis Resources

For Researchers: Resources to find available open-access electronic theses and dissertations.

For Authors and Thesis Advisors Resources to build a multimedia thesis, to promote research using open-access materials.

For Librarians, Academic Managers, and Faculty: Resources to set up and manage an open-access repository for theses and dissertations.

Share your questions, comments, and ideas with the ETD community on the ETD Forum.

Please e-mail suggestions for additional thesis resources to admin@ndlt.org.

News

**USETDA 2015 Austin, Texas September 29, 2015** The USETDA has announced USETDA 2015, the 5th annual conference, to be held September 29 - October 1, 2015 at the Hyatt Regency, Austin, Texas.
P is a peer-reviewed, open access journal designed to promote interdisciplinary, theoretical and cultural studies focused on the countries of the Portuguese-speaking world and its diasporas. Its chief aim is to combine multiple theoretical perspectives in the humanities and the social sciences and to function as a medium for the exploration of complex topics across national and cultural boundaries.

P, an online international journal, is published bi-annually at the University of Massachusetts Amherst.

Editors:
Paulo de Medeiros, University of Warwick, Great Britain
José Ornelas, University of Massachusetts Amherst

See the Aims and Scope for a complete coverage of the journal.

Current Issue: Volume 5, Issue 1 (2014)
António Pedro da Costa (1909-1966)

Articles
Editors

Editors:  Whitney Battle-Baptiste, UMass Amherst  
Kelley Deetz, University of Virginia  
Christopher Barton, Temple University

Assistant Editors:  Marc Lorenc, UMass Amherst  
Justin Dunnivant, University of Florida  
Ayana Flewellen, University of Texas Austin

African Diaspora Archaeology Newsletter seeks to highlight the complexities of our field through dialogue and exchange. This newsletter also serves as the vehicle to engage with centuries of muted voices uncovered by the archaeological record, politics of representation and narrative, as well as intersections of power, privilege and oppression. One of the many challenges of our discipline is to figure out how to push the scholarly parameters and think more complexly about life across the Diaspora. The material record is always in conversation with the social world, thus reminding us to keep these discussions open.

Reader from:  Chicago, Illinois, United States
Title:  The Yoruba Diaspora in the Atlantic World
Volume 2 (Issue 3-4)

Front Matter

About the Cover
Brajesh Vaidya, Terri A. Brearley, and Nirmal Joshee

Articles

Morphological and Molecular Analysis of Three Celery Accessions
Alaa Al-Din Helaly, Ali El-Refy, Emad Mady, Kareem A. Mosa,
and Lyle Craker

Essential Oils in Holy Basil (Ocimum tenuiflorum L.) as
Influenced by Planting Dates and Harvest Times in North Alabama
Cedric A. Sims, H. Rodolfo Juliani, S.R. Mentreddy, and James E.
Simon

Antioxidant Capacity of Fresh and Dry Leaf Extracts of Sixteen
Scutellaria Species
Brajesh N. Vaidya, Terri A. Brearley, and Nirmal Joshee

Miscellaneous

Meeting Calendar
NORTHEASTERN RECREATION RESEARCH SYMPOSIUM

This site is in progress. Please check back soon.

Browse the contents of Northeastern Recreation Research Symposium:

Proceedings of the 2013 Northeastern Recreation Research Symposium
Proceedings of the 2012 Northeastern Recreation Research Symposium
Proceedings of the 2011 Northeastern Recreation Research Symposium

Reader from:  🇺🇸 Middlebury, Vermont, United States
Title: The Significance of Place in John Muir’s Writings about Wilderness
UMass Wind Energy Center

**Director:** Dr. James F. Manwell

The University of Massachusetts Wind Energy Center is a leading institution in wind energy engineering nationally and internationally. Since 1972 the Center has worked diligently to maintain and enhance its important wind energy education programs and research activities. This website will familiarize you with the breadth and depth of that work.

We invite you to learn and grow with us in this very exciting time for wind energy. The stakes have never been higher.

We are located on the campus of the University of Massachusetts, Amherst, in Guiness Laboratory Rooms 205-211.
Sustainable UMass is a campus wide campaign consisting of passionate students, faculty, staff and alumni from all walks of life who believe in making a difference in our educational, regional and global community. At UMass Amherst, we believe in the power of bold innovative thinking and the power of our students and community to make a significant and positive impact on the lives of others and the planet.

ScholarWorks supports Sustainable UMass by hosting research, reports and scholarship on this site. For more information visit the Sustainable UMass site [the Sustainable UMass site](http://www.sustainable.massachusetts.edu).

Browse the Sustainable UMass Collections:
Founded in 1963, the University of Massachusetts Press is the book-publishing arm of the University of Massachusetts. Its mission is to publish first-rate books, edit them carefully, design them well, and market them vigorously. In so doing, it supports and enhances the university's role as a major research institution. Read more here.

Browse Supplemental Material for UMass Press titles.
French Translators, 1600-1800: An Online Anthology of Prefaces and Criticism

Dedication, Le Valeureux Dom Quixote de la Manche (vol. 1)

César Oudin

Document Type: Article

Publication Date: 1616

Reproduced by permission of the Brown University Library.

Recommended Citation


http://scholarworks.umass.edu/french_translators/104
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
Design Engagement Studios
Joint EWRI-AFS Fish Passage Reference Database
Ludlow Master Plan
Cranberry Station

Department Chair: Carolyn DeMoranville

The UMass Cranberry Station provides research-based education and resources to Massachusetts growers regarding horticultural and pest management practices for environmentally sound cranberry production. The Station is a primary resource for issues related to cranberry farming in Southeastern Massachusetts, which is the largest agricultural enterprise in the region. Growers partner with our faculty and staff to study cranberries and share their experiences and conclusions. Our partners help us to identify key challenges for the cranberry industry and develop the research and educational programs to meet those challenges. [Read more here]

Community Collaborators & Partners

Browse the Cranberry Station Collections:
The Fish Passage Community at UMass Amherst

Rock Ramp Fishway
A nature-like rock ramp fishway in Orrington, Maine becomes the aesthetic center-piece of a local park.

The Fish Passage community at the University of Massachusetts Amherst is an affiliation of scientists, engineers and other professionals from the Department of Civil and Environmental Engineering, the Department of Environmental Conservation, the Northeast Region of the U.S. Fish and Wildlife Service and the U.S. Geological Survey’s Conte Anadromous Fish Research Center. Members of this community and their partners work cooperatively towards the development and application of the science of fish passage through developing, implementing and evaluating engineered solutions.
Faculty Roles and Open Access

- Faculty Roles
  - Authors
  - Peer-reviewers
  - Editors

- Open access options
  - Creative Commons licenses
  - Negotiate Author Agreements
  - SPARC addendum

How are faculty going to address these new roles and responsibilities?
Library Roles and Open Access

- Form a nexus of communication for campus
- Collect and curate digital materials
- Provide expertise on metadata for enhanced access and discoverability
- Consult on rights management issues
- Experts in information and digital fluency
- Provide education and workshops
- Provide expertise on content, accessibility
- Promote Open Access initiatives
- Create strategic partnerships

Could we consider a partnership between faculty and libraries, building on both areas of expertise?
Negotiate your author agreements

Strike through or write in!

Like negotiating for cars or houses.

OR ...

Copyright

3.1 The copyright in the Work will remain the property of the Author. The copyright notice to be printed in the Work will be in the name of Anna Strouse with year of first publication.

3.2 (a) In consideration of the payment to the Author of the fee and/or applicable royalty percentages of the Publishers’ receipts set out in Clause 9, the Author grants to the Publishers the sole and exclusive right to produce and publish, and to license others to produce and publish, the Work in whole or in part or any translation of the Work or any part of the Work in all known or later known languages throughout the world for the full term of copyright (including all renewals and extensions of that term) and the right to renew and extend such right.

(b) The rights granted to the Publishers in this Agreement, shall include but not be limited to:

(i) the rights specified in Clauses 9 and 10; and

(ii) the sole and exclusive right to edit, adapt, produce, publish, disseminate, enrich or otherwise make available and to license others to produce, publish, disseminate, enrich or otherwise make available the Work or any part of the Work in any digital, online or electronic form, known or later invented, in all languages throughout the world for the full term of copyright (including all renewals and extensions of that term) and the right to renew and extend such right.

The Publishers may use no more than 10% of material from the Work in academic or professional journals, and for the Author’s professional purposes, provided that he/she informs the Publishers in advance, and acknowledges the Work and the Publishers.

The Author asserts to the Publishers their moral right to be identified as the Author of the Work in accordance with sections 77 and 78 of the Copyright, Designs and Patents Act 1988.

The Publishers undertake to place the following notice with due prominence in every copy of the Work published by them in the United Kingdom:

"The Publishers will have the right to make mistakes. They are not responsible for any accidental error or damage to the Work while it is in their custody, or in the course of production."

Subject to the approval of the Author, the above paragraph may be struck through or written in! Like negotiating for cars or houses.
Clauses to negotiate

OA journals generally leave all rights with authors, but watch for:

- OA fees
- Rights to re-use in other formats
- NC (non-commercial) or not

Don’t confuse issues.

Commercial (toll-access) publisher contracts:

- Indemnification clauses
- Copyright assignment
  - versus exclusive license to all versions in all media in perpetuity
  - versus exclusive license to first publication rights for THIS work
  - versus non-exclusive license
- Your rights to re-use and distribute
- Their rights to edit, title, index, etc.
- Their rights to sue on your behalf without your consent
- Reversion rights – When do their rights end?
Negotiate your author agreements

... OR

Use the SPARC author’s addendum with all the rights that authors need
DISTRIBUTION and REUSE

http://www.sparc.arl.org/resources/authors/addendum
Impact

Range = 36%-200%
(Data: Stevan Harnad and co-workers)
Predicted ‘Disruption Timeframe’ of OA vs Subscription model

TABLE 1
Pace of Substitution of Direct Gold OA for Subscription Journals

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Source: “The Inevitability of Open Access”, David Lewis
http://crl.acrl.org/content/73/5/493.full.pdf+html (College and Research Libraries, Sep 2012)
Trends

- Article level and alternative metrics
- New library publishing services
  - Robust infrastructure
  - Authoring tools
  - Peer review processes
  - Distribution channels
  - Storage and archiving
  - Social networking tools
- Funder mandates
- Data management
Systematic screen of chemotherapeutics in Drosophila stem cell tumors

Michele Markstein et al.

So far Altmetric has seen 3 stories from 3 outlets.

MedicalXpress

Several FDA-approved anti-cancer drugs induce stem cell tumors, perhaps thwarting therapy

MedicalXpress

Using a new approach to systematically test chemotherapy drugs in an unusual animal model, a research team led by University of..

Scicasts

Researchers Report That Several FDA-Approved Anti-Cancer Drugs Induce Stem Cell Tumours, Perhaps Thwarting Therapy

Scicasts

Amherst, MA (Scicasts) Using a new approach to systematically test chemotherapy drugs in an unusual animal model, a research te..

ScienceDaily

Serious side effect: Several FDA-approved anti-cancer drugs induce stem cell tumors

ScienceDaily

Using a new approach to systematically test chemotherapy drugs in an unusual animal model, a research team led by University of...
Rivaling the World's Smallest Reptiles: Discovery of Miniaturized and Microendemic New Species of Leaf Chameleons (*Brookesia*) from Northern Madagascar

**Article Usage**

**Total Article Views**: 45,362

Feb 14, 2012 (publication date) through Sep 24, 2012

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</tbody>
</table>

**Cumulative Views**

- **0** - 10,000
- **10,000** - 20,000
- **20,000** - 30,000
- **30,000** - 40,000
- **40,000** - 50,000

**Months**

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

**Metrics**

**Total Article Views**: 45,362

Published on February 14, 2012

**Citations**
- CrossRef (2)
- PubMed Central (0)
- Scopus (2)
- Web of Science® (2)

**Social Networks**
- Facebook (341)
- Twitter (1)
- Mendeley (53)

**Related Content**

**Related Subject Categories**
- Ecology
- Evolutionary Biology

**Related Articles on the Web**
- Google Scholar
- PubMed

**Share this Article**
Dealing with Data

- Funder mandates
  - Office of Science and Technology Policy
  - National Institutes of Health
  - National Science Foundation
  - And many more

- Data Management Plans
- Librarian expertise
- Content enrichment
- Infrastructure
Office of Science and Technology Policy Blog

Expanding Public Access to the Results of Federally Funded Research

Posted by Michael Stebbins on February 22, 2013 at 12:04 PM EST

The Obama Administration is committed to the proposition that citizens deserve easy access to the results of scientific research their tax dollars have paid for. That's why, in a policy memorandum released today, OSTP Director John Holdren has directed Federal agencies with more than $100M in R&D expenditures to develop plans to make the published results of federally funded research freely available to the public within one year of publication and requiring researchers to better account for and manage the digital data resulting from federally funded scientific research. OSTP has been looking into this issue for some time, soliciting broad public input on multiple occasions and convening an interagency working group to develop a policy. The final policy reflects substantial inputs from scientists and scientific organizations, publishers, members of Congress, and other members of the public—over 65 thousand of whom recently signed a We the People petition asking for expanded public access to the results of taxpayer-funded research.

To see the new policy memorandum, please visit: http://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf

To see Dr. Holdren's response to the We the People petition, please visit: https://petitions.whitehouse.gov/response/increasing-public-access-results-scientific-research

Michael Stebbins is Assistant Director for Biotechnology at OSTP
Partnerships

- Faculty, researchers
- Honors students, undergraduate research
- Archivists and Librarians
- Administrative Offices
  - Provosts Office
  - Center for Teaching and Faculty Development
  - Office of Research, Sponsored Programs
  - Office of Outreach, Cooperative Extension
  - Graduate School
Strategic Planning

- Alignment with institution priorities
- Discovery and impact
- Community engaged teaching, learning, research
- Openness and intellectual integrity
- Integration and collaboration
- Culture of evidence, demonstrated value
- Research advantage
Questions/Discussion

Contact Information

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