University of Massachusetts Amherst

From the Selected Works of Meghan Banach Bergin

May 18, 2011

The Benefits of Managing and Publishing ETDs "In House" Using an Open Access Repository

Meghan Banach, University of Massachusetts

Available at: https://works.bepress.com/meghan_banach/4/
The Benefits of Managing and Publishing ETDs "In House" Using an Open Access Repository

MEGHAN BANACH

BIBLIOGRAPHIC ACCESS AND METADATA COORDINATOR

UNIVERSITY OF MASSACHUSETTS AMHERST

MAY 18, 2011
USETDA CONFERENCE
ORLANDO, FLORIDA
Where have we been and how did we get here?
History of dissertation publishing in the 20th Century

- 1934: First edition of ARL index of *Doctoral Dissertations Accepted By American Universities* is published

- 1938: Eugene B. Power founds University Microfilms (UMI)

- 1939: UMI establishes dissertation publishing program
History of dissertation publishing in the 20th Century

- 1951: ARL Committee on Dissertation Publication formed to study the problem of dissertation distribution and use
- 1952: ARL recognizes UMI as publisher of record for all US dissertations
- 1952-onward: Dissertation Abstracts gains in popularity
History of Dissertation Publishing in the 20th Century

• 1987: Dissertation Abstracts OnDisc created on CD-ROM
• 1995: Dissertation Express-Web-based dissertation ordering
• 1997: UMI celebrates 1.5 millionth dissertation added to Dissertation Abstracts databases
• 1997: Dissertations go digital with ProQuest Digital Dissertations
• 1998: Library of Congress recognizes UMI as offsite repository of Digital Dissertations Library
The Rise of IRs: 1990s

- 1990s: First subject repositories are started on file sharing servers
- 1997: RePec, CogPrints and Education Line online repositories are started
- 1999: ArXiv online repository is started
- 1999: Open Archives Initiative enables cross searching of institutional repositories through OAI-PMH
The Rise of IRs: 21st Century

- 2001: EPrints software developed
- 2002: Dspace software is developed at MIT
- 2002: Bepress Digital Commons software developed for the California Digital Library's eScholarship Repository
- 2002: Raym Crowe “The Case for Institutional Repositories”
- 2010: 440 IRs are listed on the Ranking Web of World Repositories
- 2011: 1120 IRs are listed on the Ranking Web of World Repositories
The Rise of ETD Programs

- 1987: First planning meeting for ETDs between UMI, Virginia Tech, University of Michigan, ArborText, and SoftQuad
- 1996: United States funds a three-year effort to spread the concept of ETDs around the US
- 1997: NDLTD was formed
- 1998: First international ETD Conference was held
- By 2000: ETD movement spread internationally to include hundreds of universities around the world
ETD Programs and IRs

Theses & Dissertations

The Theses and Dissertations collection includes selected dissertations, masters theses and projects, and undergraduate honors theses from University of Utah graduates. Some theses and dissertations are viewable in the campus libraries only. If you are not able to come to the library, please contact us and we will do our best to help you.
Where are we now? Where are we going?
UMass Amherst is flagship of UMass System

Students
- 26,000 students; of those 5,770 are grad students

Faculty
- 1,170

Academic
- 87 bachelor's degree programs, 6 associate's, 73 master's and 51 doctoral programs in 10 schools and colleges

Research
- Over $134 million / year
ETDs at UMass Amherst

- ETDs are collected three times per year (May, September, and February)
- How many?
  - Roughly 300 dissertations per year
  - Roughly 200 theses per year
- Two separate workflows:
  - One for Doctoral dissertations
  - One for Masters theses
1997: Began accepting electronic submissions of doctoral dissertations through the UMI Proquest online ETD submission system

2006: Began a Digital Commons repository, called ScholarWorks@UMass Amherst, to showcase the research and scholarly output of our students, faculty, and researchers

2007: Started collecting electronic submissions of Masters Theses for the first time. Students submit their theses via an online deposit to ScholarWorks.

2009: UMass Amherst Graduate Council institutes a new policy allowing students to choose open access, campus access, and embargoes for their theses and dissertations

2010: Library decides to go completely e-only for dissertations and theses
Open Access, Campus Access, & Embargoes

- **Open access**: full content available to all

- **Campus access**: full content only available to those using a computer on the UMass Amherst campus, to those with a valid UMass Amherst user name and password, or through Interlibrary Loan

- **Embargo**:
  - Full content made available six months after degree date (no justification required)
  - Full content made available after a period of longer than six months (approval of academic department and Graduate Dean required)
Benefits: Open Access
Benefits: Increased Usage

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Full-Text Downloads for 2006-07-12 through 2011-02-11 for Masters Theses
Benefits: Showcasing our Own Research

ScholarWorks@UMass Amherst

Dissertations and Theses

To browse dissertations and theses by academic department or program, please go to the Schools, Colleges, and Departments page.

Dissertations

- **Open Access Dissertations:**
  This collection contains open access dissertations. The full content is available to all, although some files may have embargoes placed on them. The embargoes are usually for a period of six months.

- **Dissertations available from Proquest:**
  Full text is available to UMass faculty, students, and staff on campus through this site. For off-campus access, use Proquest's Digital Dissertations. Access to abstracts is unrestricted.

Theses

- **Masters Theses:**
  This collection contains both open access Masters theses and campus access Masters theses. Open Access Masters Theses will be marked with the document type "Open Access". The full
Benefits: Simplified Workflows

- Students submit their theses via an online deposit to ScholarWorks
- Staff in the Graduate School review theses using the Digital Commons peer review editing system on the backend of ScholarWorks
- After review and revisions are completed theses are published to the Masters Theses Series on ScholarWorks
- After publication to ScholarWorks theses are cataloged by the Thesis and Dissertations Cataloger in the Library
As opposed to more complicated workflows:

• Students submit their dissertations through the UMI Proquest online ETD submission system

• Staff in the Graduate School review dissertations for format, style, and completeness according to a set of “Guidelines for Master's Theses and Doctoral Dissertations”

• After review and revisions are completed dissertations are released for publication by UMI Proquest
Complicated Workflows (Continued)

- Proquest then sends our dissertation files back to the Library via FTP

- Library stores dissertation files on our own servers

- Student staff in the library upload the open access dissertations to an open access dissertations series on ScholarWorks

- After publication the dissertations are cataloged by the Thesis and Dissertations Cataloger in the Library
Benefits: Easy Submission Process

ScholarWorks@UMass Amherst

Masters Theses

Welcome to the Masters Theses section of Scholarworks!
The Graduate School and the University Libraries of the University of Massachusetts Amherst offer electronic copies of Masters Theses written by students who have submitted them electronically since 2007. To view previously approved Masters Theses, Browse by Year or Search by Author in the form below, or perform a more comprehensive Search.

To browse dissertations and theses by academic department or program, please go to the Schools, Colleges, and Departments page.

To submit an electronic thesis, click the Submit Research link in the sidebar. View summarized submission instructions (PDF).

We welcome comments regarding the online theses submission process. Please email questions or comments to: the Graduate School Office of Degree Requirements.

Theses from 2010

PDF  Encapsulation of Lumirin in O/W Nanoemulsions and Its
Benefits: Control over ETD Metadata
ETD Metadata

Embargo Period

Please select the length of time you would like your Dissertation/Thesis to be placed under embargo.

* Approval of your academic department and the Graduate Dean is required for an embargo period longer than six months. Please submit your thesis with a six-month embargo, and then contact the Graduate School Office of Degree Requirements to have the embargo date adjusted if you have received prior approval.

- **Embargo Expiration**
  - No Embargo Required
  - More
  - No Embargo Required
- **Degree Program**
  - Accounting
- **Degree Type**
  - Master of Architecture (M. Arch.)
- **Year Degree Awarded**
  - **Year**
- **Month Degree Awarded**
  - **February**
ETD Metadata

Keywords

Please enter up to 8 keywords or phrases that describe your thesis. Separate each with a comma.

Disciplines

Available:
- Architecture
- Arts and Humanities
- Business
- Education
- Engineering
- Law
- Life Sciences
- Medicine and Health Sciences
- Physical Sciences and Mathematics
- Social and Behavioral Sciences

Selected:

Advisor Name

Advisor First Name

Advisor Middle Name or Initial

Advisor Last Name
ETD Metadata
Benefits: Ability to have ETD metadata harvested
Benefits: Control over Access Options and Embargoes
Benefits: Control over Access Options and Embargoes

NOTE: The full-text of this Thesis is currently under embargo. It will be available for download on Sunday, February 20, 2011.
Benefits: Simple Review System for Use by the Grad School
Review System (Continued)

Title: Transfer of Listeria Monocytogenes from Stainless Steel and High Density Polyethylene to Cold Smoked Salmon and Listeria Monocytogenes Biofilm Cohesive Energy Investigation

Authors: Fujia Zhang

Last Event: Revision uploaded (Wed Jan 26, 2011)

Waiting for Administrator: Yes Locked by Administrator: No

Administrator: No administrator assigned Manuscript: #1667 PDF

This thesis is ready to be assigned to an administrator. You may do so by clicking the 'Assign administrator' link at left.

Administrator Decision for "Transfer of Listeria Monocytogenes from Stainless Steel and High Density Polyethylene to Cold Smoked Salmon and Listeria Monocytogenes Biofilm Cohesive Energy Investigation"

Select the decision

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Do not click 'Register decision' without selecting an action (above).
Benefits: Organize ETDs the way we want

ScholarWorks@UMass Amherst

History

The History Department at the University of Massachusetts Amherst is dedicated to the idea that an understanding of the past is essential to a free and enlightened citizenry. Situated in the intellectually rich, scenic Pioneer Valley, the Department offers students the opportunity to study with a respected faculty engaged in exciting research. The nationally-recognized Public History Program and the History Institute bring historical scholarship to the teachers and people of the Commonwealth, while the innovative University of Massachusetts/Five College Graduate Program enables graduate students to explore the resources and faculties of Amherst College, Smith College, Mount Holyoke College, Hampshire College, as well as the University itself. The Department also hosts the website of the Berkshire Conference of Women's Historians.

Browse the History Collections:
- History Department Dissertations Collection
- History Department Faculty Publication Series
- History Department Masters Theses Collection

Home > HFA > HISTORY

Search terms: 

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Author Corner:
- For Authors
- Author FAQ
Links:
- University Libraries
- History Website
- Contact Us
Selected Works Sites

Brian W. Cailin
Benefits: Organize ETDs

Add and remove query parameters to refine this collection filter. When the query parameters are correct, click the 'Save' button.

Edit filter Auto Collection for History Department Masters Theses Collection

Within publication:
Masters Theses (theses)

Matching all parameters.
Degree Program = History

Enter a label for your filter Auto Collection
Benefits: RSS Feeds

History Department Masters Theses Collection

Receive personalized email notifications (bealerts)

Notification Criteria:

What are bealerts?
bealerts help you keep track of newly published content, tailored to your interests. To be notified via email of content fitting your desired criteria, simply enter a keyword or author name in the field above and click Save Notification. A new screen will appear with your results and a custom notification will be saved. You can even control the frequency with which these email alerts are sent.

Get the History Department Masters Theses Collection RSS feed

To enable the History Department Masters Theses Collection RSS feed, simply drag this link into your RSS reader.
Benefits: Flexibility to Branch Out
Benefits: Attracting Faculty Content


Although hospital work organization affects patient outcomes and in some states registered nurses (R.N.'s) are...


Measures of corporate environmental justice performance can be a valuable tool in efforts to promote...


We argue that worker quantitative research on the relationship between heterosexual partners' earnings and time...


Employers' standard practice of including legal spouses in health insurance is likely to place people...

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Selected Works of Michael Ash

Michael Ash
University of Massachusetts - Amherst
Associate Professor, Department of Economics

Contact Information

Curriculum Vitae [PDF]

Search the Selected Works of Michael Ash

Search

Journal of Medicinally Active Plants
A Publication of the American Council of Medicinally Active Plants

Home > JMAF

Editors

Executive Co-Editors: Lyke Craker, craker@parc.umass.edu
Mario Morales, mmorales@mountinstitute.edu
Adolfo R. Kroeck, akroeck@suny.cuny.edu

Managing Editor: Carol M. Shiff, carol@acmap.org
Student Intern: Stephanie Harris

Journal of Medicinally Active Plants
This Journal of Medicinally Active Plants is a peer reviewed, interdisciplinary, on-line professional journal sponsored by the American Council for Medicinally Active Plants. The Journal publishes scientific manuscripts related to the analysis, application, bioactivity, collection, conservation, cultivation, growth, harvest, identification, physiology, processing, and other issues related to medicinally active plant material. Investigators working with these plant materials are invited to submit articles for publication. Guidelines for publication are here.

The objective of this quarterly publication is to facilitate scholarly exchange among those studying and/or interested in medicinally active plants and plant extractives. For this reason, access to the journal is free. Members of the American Council for Medicinally Active Plants may publish two articles each year without
Challenges

Complicated workflows

- Unzip ProQuest XML metadata files
- Combine ProQuest metadata into one XML file
- Transform to Eпрress schema using ETD-ProQuestXML2 bepressXML2
- Transform to MARC21-XML using ETD-bepress2 MARC21XML.w3l
- Upload batch file to repository
- Manually assign disciplines to each ETD and correct special characters using administrative interface

Objections to open access

AWP Policy on Electronic Theses and Dissertations

Creative writers must have control over the dissemination of their works. For example, it is critical that written works, text, book, and other rights for the purpose of their works that are written in literary works. Therefore, colleges and universities should not mandate as a condition for graduation that electronic theses or dissertations be published or broadly disseminated in ways that preclude any student from affording all or any portion of publication rights, including electronic rights, to publishers. This absolutely critical to the success of creative writers and creative writing programs. If a college or university requires Electronic Theses and Dissertations (ETDs), writers should have an option to file a traditional paper thesis. If creative writing students are required to file ETDs, then such ETDs should not be made available on the World Wide Web, but instead available only to the same community that paper theses and dissertations have been made available to the past, for instance by password protecting access to the creative thesis or dissertation.

The Association of Writers & Writing Programs 79
Possible solutions: Complicated Workflows

- Students submit ETDs to IR only
- ETDs are not sent to Proquest
Possible Solutions: Complicated Workflows

Students submit to Proquest

And to the IR
Possible Solutions: Complicated Workflows

- Students submit ETDs to IR only
- Transform metadata to Proquest schema
- Send ETD files and transformed metadata to Proquest via FTP

*Must pay a $25 per title submission fee to Proquest*
Possible Solutions: Complicated Workflows

Students submit to Proquest

Proquest FTPs ETDs back to institution
Institution manually uploads files to IR
Possible Solutions: Complicated Workflows

- Students submit ETDs to Proquest
- Proquest FTPs ETDs and metadata back to institution
- Library staff upload ETD files and metadata to IR with an automated batch process
- Process described in this Code4Lib article: Repurposing ProQuest Metadata for Batch Ingesting ETDs into an Institutional Repository
  http://journal.code4lib.org/articles/1647
Possible Solutions: Objections to Open Access

- Scholarly communications program to promote the benefits of open access, author rights, and open access repositories to:
  - Grad Students
  - Grad School administrators
  - Faculty
  - Faculty Senate Committees
- Embargoes
- Campus access option
- Paper submissions for creative writing ETDs
- Educate faculty and graduate students about the consequences of embargoes and campus only access
- Share best practices for implementing embargoes with Grad School administrators
Promoting Open Access to the Grad Students

- Workshops each semester on the benefits of open access
- Encourage choosing embargoes over campus access
- Currently we get about 60% open access and 40% campus access
- 25% of students choose embargoes
- Goal is to increase the percentage of open access ETDs
References:


Thank You for Your Attention!

Contact Information:
Meghan Banach
Bibliographic Access and Metadata Coordinator
University of Massachusetts
Amherst, MA
413-545-6846
mbanach@library.umass.edu