Documenting and Promoting Research & Engagement Using ScholarWorks, UMass Amherst's Digital Repository

Marilyn S Billings, University of Massachusetts Amherst

Available at: http://works.bepress.com/marilyn_billings/53/
Institutional Repositories Supporting Community Engagement, Part 2:

Documenting and Promoting Research & Engagement Using ScholarWorks, UMass Amherst’s Digital Repository

Marilyn Billings
Scholarly Communication & Special Initiatives Librarian
University of Massachusetts Amherst
UMass Amherst

- Stockbridge School of Agriculture, pictured left
- W.E.B. Du Bois Library, pictured below
Strategic Planning

- Discovery and Impact
- Engagement
- Openness and Integrity
- Integration and Collaboration
- Culture of Evidence
- Research Advantage
ScholarWorks

Established in 2006.
- First collections: ETDs
- Faculty researcher pages
- Rasenna – journal in Etruscan Studies
- Research Centers
- Community Engagement
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-MAFS Fish Passage Reference Database
- Ludlow Master Plan

Follow
Science, Technology and Society Initiative

The Science, Technology and Society Initiative (STS) was established to advance multidisciplinary collaborative research across the social, natural, and physical sciences, engineering, and public policy. The Initiative also provides a forum for discussion of emerging global as well as local issues in science, technology, and society. Our external partners include national and international university-based and other research centers and institutes, non-profit organizations, government agencies, and civic society groups. This diverse network of partners ensures a translation of research questions and findings across boundaries, builds public understanding of science and technology research conducted at UMass Amherst, and extends theory to influence emerging public policy.

Community Collaborators & Partners

Browse the Science, Technology and Society Initiative Collections:
- eRulemaking Research Group
- Ethics in Science and Engineering National Clearinghouse
- International Dimensions of Ethics Education in Science and Engineering
ESENCE
Ethics in Science and Engineering National Clearinghouse

Project Directors
Jane Fountain, PI; Marilyn Billings, Co-PI; Jessica Adamick, Ethics Clearinghouse Librarian; Sagan Goncalves, Program Manager
Cranberry Station

Department Chair: Carolyn DePauw

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:
- Cranberry Station Dissertations and Theses
- Cranberry Station Faculty Publications
Cranberry Station Photos

Anne Averill at her scope

Anne Averill setting light traps to catch fruitworm moths
Cranberry Station Photos

Berry sorting

Katherine sweeping wild bogs for insects
Categories for Posting Material

• Research, creative, or professional activities
• Teaching
• Outreach and Public Service
• Collaborators and Partners
• Revenue Sources
• Geographic Information
• Conferences and Proceeding
Value added Service

• Documentation and Dissemination

• Institutional/Peer Review

• Institutional Tracking

• Community Access and Impact
Engagement Partners

• Faculty

• Institution/Administration

• Community Partners and Industry
Staffing

• Scholarly Communication Librarian
  – General oversight, campus connection, evangelist

• Digital Repository Resident Librarian
  – ¾ time on repository, term 2 year position

• Scholarly Communication Staff Assistant
  – Full time permanent position

• Work study students
  – 16-20 hours per week
Funding Model

• Library Acquisitions Budget
• Library Personnel Budget
• Partnerships for DRRL position
  – Office of Research
  – Graduate School
  – Provosts Office
  – Honors College
• Library Work Study Student budget
New Initiatives

• Capturing Conferences
• Participating in Grants
• Partnering with University Relations
  – Spotlight Scholars
• Highlighting Campus Sustainability Initiative
Fish Passage Conference

SCHOLARWORKS
@ UMassAmherst

Joint EWRI-AFS Fish Passage Reference Database

About This Database
Search for Citations
Submit a Citation to the Database
Browse the Entire Database

About This Database
This site serves as a portal to access citations of current and historic literature on fish passage engineering, biology, design, and related disciplines. It is meant as an open resource for fishery biologists, managers, engineers, and the public and private sectors to find information on fish passage that is both published and

Enter search terms:  
Search

Advanced Search

Collections
Disciplines
Authors

Author Corner
For Authors
Author FAQ

Links
University Libraries
Faculty in Fish Passage Research

David Ahlfeld, Professor of Civil and Environmental Engineering

Brett Towler, UMass Adjunct Assistant Professor
Spotlight Scholar

Jennifer Ross

SERIOUS ABOUT SCIENCE
Interdisciplinary researcher makes early career splash in biophysics
UMass Amherst Campus Sustainability Initiative

The University of Massachusetts Amherst recognizes their responsibility to be leaders in sustainable development for the community, state and nation. Importing knowledge of sustainability is essential in achieving its campus wide mission to produce well educated citizens. In order to reach and maintain this objective, the Sustainability Initiative was created.

ScholarWorks supports the UMass Amherst Campus Sustainability Initiative by hosting research and scholarship on this site. For more information visit the Campus Sustainability Initiative site.

Submissions from 2013

- PDF Measuring, Managing and Visualizing Building Energy Consumption & Carbon Emissions: Benchmarking at the University of Massachusetts Amherst, Katherine McCusker

Submissions from 2012

- PDF Climate Action Plan 2.0, Ezra Small
- PDF Five College Blue Sky Report, Beth Hosker, Ezra Small, Jan Dizard, Sue Darlington, Tim Farnham, and Joanne Bendley
- PDF Holdsworth Retrofit and Renovation, L. Carl Ficcochi, Benjamin S. Weil, and Katherine McCusker

- Link Progress Report for University of Massachusetts Amherst, American College & University Presidents Climate Commitment APUCC

Submissions from 2011

- Link AASHE STARS Gold Report, Association for the Advancement of Sustainability in Higher Education AASHE

Submissions from 2010

- PDF UMass Amherst Climate Action Plan, Josh Stoffel and Bruce Perkin
Clean Energy Connections

SCHOLARWORKS @ UMassAmherst

Clean Energy Connections is a career and business development information and networking event. It is a forum for the individuals and organizations that will accelerate the growth of our clean energy economy.

Click here to see the 1st Annual Conference and Opportunity Fair, 2008

Browse the contents of Clean Energy Connections:
- 2nd Annual Conference and Opportunity Fair, 2009
- 3rd Annual Conference and Opportunity Fair, 2010
- 4th Annual Conference and Opportunity Fair, 2011
Resource

Community Engagement article:

http://works.bepress.com/marilyn_billings/44