9-28-2010

Raising the Profile of IU Scholarship: Institutional Repositories (and more) at IU

Cheryl B. Truesdell  
IPFW, truesdel@ipfw.edu

Kimberly Thompson  
Indiana University - Purdue University Indianapolis, kisthomp@iupui.edu

Sherri Michaels  
Indiana University - Bloomington, shmichae@indiana.edu

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Opus Citation
Cheryl B. Truesdell, Kimberly Thompson, and Sherri Michaels (2010). Raising the Profile of IU Scholarship: Institutional Repositories (and more) at IU. Statewide IT Conference 2010. Presented at Statewide IT Conference 2010, Bloomington, IN.  
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Raising the Profile of IU Scholarship: Institutional Repositories (and more) at IU

Statewide IT Conference
September 28, 2010
Overview

- Scholarly Communications and Institutional Repositories Overview
- Faculty Scholarship
- Dissertations and Theses
- Journal Publishing
- Data and other services
Scholarly Communications

“the creation, transformation, dissemination and preservation of knowledge related to teaching, research and scholarly endeavors. Among the many scholarly communications issues include author rights, the economics of scholarly resources, new models of publishing including open access, institutional repositories, rights and access to federally funded research, and preservation of intellectual assets”

http://en.wikipedia.org/wiki/Scholarly_communication
Institutional Repositories

• Definition:
  ◦ “… a university-based institutional repository is a set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members. It is most essentially an organizational commitment to the stewardship of these digital materials, including long-term preservation where appropriate, as well as organization and access or distribution.”

IRs at IU

- Opus: Research & Creativity at IPFW
- IUPUIScholarWorks
- IUScholarWorks
- Archives of Institutional Memory (AIM)
- eArchives
- PolicyArchive
- FOLIO
- Digital Library of the Commons
Objectives for our IRs

- Access and Preservation
- Making works Public
- Increase the use of IU’s research output
- Collecting/Publishing ‘grey literature’
- Bring together disparate content
- Meeting faculty unmet needs
- Keeping cost low; reduce barrier to entry
Technology

- Open Source/Proprietary
- Hosted/Not
- Additional Developments

- Dspace, Fedora, Drupal, bepress, OJS, OCS
- Java, Perl, XML, XSL, and more alphabet soup here…
IPFW Overview

Why Not IUScholarWorks (Dspace)?

- Branding
- Technology support
- Startup time
IPFW Overview

Opus: Research & Creativity at IPFW

Opus.ipfw.edu

IPFW mission to raise national profile through open access to the academic and creative accomplishments of its faculty
IPFW Faculty Scholarship

IPFW Approach

Step 1: Capture the bibliographic record of all published, presented, performed, created works of the faculty
IPFW Faculty Scholarship

IPFW Approach

Step 2: Educate faculty to retain their author copyright when signing current and future contracts for publication, presentation, exhibition, performance
IPFW Faculty Scholarship

IPFW Approach

Step 3: Work with faculty to load works for which they own the copyright

Step 4: Work with faculty and publishers to obtain the rights to published materials
IPFW Faculty Scholarship

First Year Progress Report

- Public site designed and implemented
- Administrative site established
- 3,814 bibliographic records entered since May 2010
- 1,479 full-text downloads since May 2010
IUPUI Overview

Program of Digital Scholarship

http://ulib.iupui.edu/digitalscholarship

Collections include IUPUI faculty and student scholarship and research as well as history and cultural heritage from the central Indiana and Indianapolis region.

- IUPUI ScholarWorks (our Institutional Repository powered by DSpace)
  - IUPUI - I.R. maintains a broad view of our faculty scholarship
    - Including primary sources as well as secondary sources
  - Includes our thesis and dissertation collections (ETDs)
  - Datasets

- Open Access Journals and Conferences (OJS/OCS powered by PKP)
IUPUI Overview - Continued

• Focusing on changing scholarly communication
  – Difficult task of reshaping views on avenues of scholarly publishing
  – Traditions of tenure difficult to alter

• Serving students and faculty from both IU and Purdue
  – Affects ETDs submissions
  – Necessitates different workflow

• Building on existing platforms – preferably open source
  – Dspace
  – OJS/OCS – PKP
  – Drupal
IUPUI Faculty Scholarship

• Designed to take the burden off our faculty members when placing items in our institutional repository.
  – Take publication list from faculty member’s CV
  – Run publishers through SHERPA/RoMEO http://www.sherpa.ac.uk/romeo/
  – Receive permission from faculty member
  – Contact publisher if necessary
  – Obtain correct version of article
  – Publish to IUPUI ScholarWorks in appropriate school/department collection.

• Drupal (open source content management system)
  – Allows for automated emails to faculty and publishers
  – Allows for creation/tracking of forms and license agreements
  – Allows for record keeping
  – Allows for status updates

• Training existing staff members on emerging technologies.
  – Acquisitions
  – BAMS (Bibliographic and Metadata Services)

• http://www.ulib.iupui.edu/projects/
IU Bloomington Overview

- IUScholarWorks
  http://scholarworks.iu.edu/index.php

- Partnerships
  - Digital Library Program
  - UITS
  - Librarians
  - Faculty
  - Many Others
Examples of Materials in IUScholarWorks

• Some interesting items in the IR:
  ◦ Graduate Student Journal *Folklore Forum*
  ◦ Audio files corresponding to in-press articles
  ◦ Posters from the Great Lakes Mapping Coalition
  ◦ Retired music professor’s 1942 Yale University dissertation
  ◦ Whole reference books
  ◦ Prestigious IU presentation videos

• Some new items in progress:
  ◦ Backfiles of ceased journal runs in Folklore
  ◦ Faculty Annual Report (FAR) items
Dissertations and Theses
Theses at IPFW

Masters theses earned at IPFW sent to the parent degree granting body – IU or Purdue

Fall 2010 work begins to post electronic theses on Opus: Research & Creativity at IPFW
Theses and Dissertations at IUPUI

- [https://scholarworks.iupui.edu/handle/1805/199](https://scholarworks.iupui.edu/handle/1805/199)
- Utilize Dspace
  - Multiple workflow options to suit both the IU and Purdue graduate offices.
- Main focus:
  - Persuade all graduate programs, including those independent programs, to participate in the ETD program.
  - Future goal - eliminate dual submissions to ProQuest and our local ETD submission program.
- Issues:
  - Working with the different policies of the IU and Purdue Graduate Offices on our campus.
  - Contacting and working with the Schools/Programs that operate independently of our IU and Purdue Grad Offices.
Dissertations and Theses at IUB

- Masters Theses (HPER)
- PhD Dissertations
Current Environment

- Graduate School Requirements/Options
  - Print
  - Electronic
- Student submits to Proquest
  - Can pay OA fee ($95)
  - Can embargo (6mo, 1yr, 2yr)
  - Student supplies abstract, keywords, etc.
Current Environment, Cont.

- Library receives student submitted files
- Drop-box Processor
- Embargoed
- Permissions
- Un-embargoed
By the Numbers

- 800 Dissertations + 908
- 665 Authors Contacted
- 134 Authors Not Found
- 86 Gave Permission
- 67 Posted
- 35 Declined
- 2 Embargoed
Journal Publishing
Journals at IPFW

*Journal of the Advanced Physics Laboratory Investigation*

A tool to help physics students learn to write professional articles about their laboratory investigations for their peers and also learn about the peer review process.
Journals at IPFW

Scholarly Partn erships.edu

- Biannual scholarly peer-reviewed journal supported by the Scholar-Practitioner Center for the Advancement of Educational Leadership and Learning Organizations in the School of Education at IPFW.

- Venue for scholar-practitioners to disseminate their theoretical, practical, and/or applied discussions and research in the broad field of education.
Journals at IUPUI

• Open Journal Systems (OJS) and the Public Knowledge Project (PKP)

• It is a journal management and publishing system created by the Public Knowledge Project. PKP is dedicated to improving the scholarly and public quality of research. It operates through a partnership among the Faculty of Education at the University of British Columbia, the Simon Fraser University Library, the School of Education at Stanford University, and the Canadian Centre for Studies in Publishing at Simon Fraser University.
Benefits:

- Allows faculty members and their staff to act as editors and control the policies and procedures of their journal just as they would in print version.
- UL maintains the servers and technical upkeep of the system removing that burden from faculty.
- UL supports any combination of print/online versions as long as the journal issues are freely available online within a reasonable time period (1 year).
Journals at IUPUI - Continued

- Traditional print w/ subscription to Online only free access
  » Advances in Social Work
    http://journals.iupui.edu/index.php/advancesinsocialwork

- Traditional print free to members w/ subscription to non-members to Online free access (print still available upon request and payment)
  » Indiana Libraries : Journal of the Indiana Library Federation
    http://journals.iupui.edu/index.php/IndianaLibraries

- Traditional print w/ subscription to online w/ subscription (allowing free online access to each issue in turn after one year time period)
  » Journal of Teaching Writing

- New online journal
  » Health Games
Journals at IUPUI - Continued

- Issues:
  - Faculty and their staff may not have a high comfort level with accessing the system and setting up their look and flow of their journal in an online environment.
  - They may ask for customizations that require extended time for development.
Journals at IUB

Http://scholarworks.iu.edu/journals/index.php

- Currently 4 live, several others in various stages.
- Some only use the backend platform, but publish elsewhere
Journal Publishing Services

- Hosting the journal; web accessible and findable
- Instructing on journal set-up using OJS software
- Instructing on OJS publishing workflow
  - Roles for editor, journal manager, reviewers, authors
- Preserving the content
- Use statistics
- Reader services like RSS feeds
- Customized themes for look/feel
- Advising on journal copyright policies

- We sign a Memorandum of Understanding with the publisher of the journal
Who is likely to want this service?

- Department publications that seek a well-developed publishing system. Like: Folklore Forum (students), Indiana Magazine of History (History dept. / back issues made available from Digital Library Program)

- New journals sponsored by IU that wish to be open access and who do not require a print equivalent. Like: Museum Anthropology Review

- IU sponsored journals in which the editorial team has decided to move away from their current publishing system and wants institutional support. Like: Interamerican Journal of Education for Democracy
Data and other services
Other Capabilities of Opus at IPFW

- Supports a variety of file formats including audio, video, image, and data
- Provides open URL links to library subscriptions
- Supports addition of book cover art
- Provides data through Google Analytics
- Provides monthly reports to faculty on number of downloads
Other Capabilities of Opus at IPFW

Includes other services such as:

• Conferences
• Galleries
• Faculty Profiles
• Student Research
• University Administrative Documents & Reports
Data, etc. at IUPUI

- Datasets
  - ETDs
  - New program to attract datasets submissions.
- Online Conference System (OCS – PKP)
  - Branching from OJS to OCS and beyond
Data at IUB

- Data within IUScholarWorks
This site serves two purposes. First it is a public archive for data and documents resulting from evolutionary, ecological, and behavioral research conducted by the Ketterson-Nolan research group from 1990 to the present. The focus of the research is an abundant North American songbird, the dark-eyed junco, Junco hyemalis, and the primary sources of support have been the National Science Foundation and Indiana University. The research was conducted in collaboration with numerous colleagues and students, and the objective of this site is to preserve not only the published products of the research, but also to document the organization and people that led to the published findings. Second it is a repository for the works of Val Nolan Jr., who studied songbirds in addition to the junco in particular the Prairie Warbler, Dendroica discolor.

### Goals

<table>
<thead>
<tr>
<th>Year</th>
<th>Goals for each field season</th>
<th>Instructions for field work</th>
<th>People involved in the research study</th>
<th>Results - data files and data summaries</th>
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</thead>
<tbody>
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<td>1991</td>
<td>goals, goals II</td>
<td>none</td>
<td>team photo</td>
<td>To obtain data, please contact Dr. Ellen Ketterson <a href="http://www.indiana.edu/~kettlab/">www.indiana.edu/~kettlab/</a></td>
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<td>nest</td>
<td>team</td>
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<td>1994</td>
<td>goals</td>
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<td>nest, processing birds, processing birds</td>
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<td></td>
</tr>
</tbody>
</table>
Unpublished Research Data
Other Services

- Copyright Education and Outreach

http://www.libraries.iub.edu/copyright
Questions?
Thank You!

- Cheryl Truesdell, IPFW
  truesdel@ipfw.edu

- Kimberly Thompson, IUPUI
  kisthomp@iupui.edu

- Sherri Michaels, IUB
  shmichae@indiana.edu