Collection Types and Staffing Arrangements:
Exploring Purdue e-Pubs

Presentation at Butler University IR Day
March 17, 2011: Mark Newton, Purdue Libraries
Overview

- Context: Purdue Libraries and its digital repository program
- General overview of approaches used to populate collections
- Closer look at some specific collections and the staffing profiles to get them online
Purdue University: Context

- West Lafayette, Indiana
- ~38K students, ~1.8K faculty
- A public, “land grant” institution
- Strengths in science, technology, agriculture, and engineering
- ARL library with 12 subject-oriented Libraries + units
- University Press and Copyright Office—units of the Libraries
Purdue e-Pubs: Digital Repository
http://docs.lib.purdue.edu/

- Purdue e-Pubs:
  Purdue University Scholarship Online
- Article Postprints
- Graduate Theses and Directed Projects
- Technical Reports and Working Papers
- Extension Documents
- Original Publications (through Purdue Univ Press)
- Other Purdue-affiliated content
Purdue e-Pubs: Key Components

- Digital Commons: Hosted platform for repository and publishing (Libraries & Press)
- Repository Staff
  - Digital Collections Librarian (Asst. Prof)
  - Some variable library staff assistance
- Purdue e-Pubs License Language
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<td>Extensive internal collaboration with Purdue University Press to leverage interest in publishing opportunities</td>
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Purdue e-Pubs: Collection Types

Self-deposit article collections

- Liaisons and Department Administration
- Typically need a collection ‘gatekeeper’ from the sponsoring department
- Article PDFs and manuscript postprints -- some bibliographic data only as well
Purdue e-Pubs: Collection Types

Mediated-deposit article collections

- Liaisons and Department Administration
- Policy-driven decision making from the faculty
- Librarians to do bibliography building, rights checking, batch deposit configuring
Beyond the Postprint

digital access to university affiliated content
Campus Publications / Gray Literature

- Technical Reports & Working Papers
- Collaboration with the Press helpful to identify opportunity and articulate value

Our communities better understand the repository in the context of scholarly publishing

- Copyright challenges
University-Affiliated Events

- Digital Commons conferences module
- Trial-run with IATUL Library Conference
- Integrated approach library/press with Purdue Conferences
POSTPRINT COLLECTION (RESEARCH CENTERS)

PURDUE E-PUBS: CASE 1

KEY CONCEPTS
• Strong Liaison Relationship
• Response to Faculty Needs
• Issue of Admin Turnover
• Education on Key IR Issues (e.g., Open Access) critical
• Interest in established online presence

STAFFING PROFILE
• Department Admin
• Liaison Intermediary
• Additional Support and consulting from Repository Librarian
ECE TECHNICAL REPORTS

Technical reports published by the School of Electrical and Computer Engineering from the College of Engineering at Purdue University.

Technical Reports from 2011

TR-ECE-11-01, Kent Mixture Model for Hyperspectral Clustering via Cosine Pixel Coordinates on Spherical Manifolds, Dalton Lunga and Okan Ersoy

TR-ECE-11-02, Dissecting Video Server Selection Strategies in the YouTube CDN, Ruben Torres, Alessandro Finamore, Jesse Kim, Marco Mellia, Maurizio M. Munafo, and Sanjay Rao

TR-ECE-11-03, Locality-enhancing loop transformations for parallel tree traversal algorithms, Youngjoon Jo and Milind Kulkarni

TR-ECE-11-04, A Complexity-Reduced H-Matrix Based Direct Integral Equation Solver with Prescribed Accuracy for Large-Scale Electrodynamic Analysis, Wenwen Chai and Dan Jiao

TR-ECE-11-05, Dense Matrix Inversion of Linear Complexity for Integral-Equation Based Large-Scale 3-D Capacitance Extraction, Wenwen Chai and Dan Jiao

Technical Reports from 2010

TR-ECE-06-05, Designing an Efficient Retransmission Scheme for Wireless LANs: Theory and Implementation, Dimitrios Koutsonikolas, Chih-Chun Wang, Y Charlie Hu, and Ness Shroff

TR-ECE-10-04, A Three-Node Reconfigurable Full-Element Beam-Slicing Configuration of Multiple Focal Spots

KEY CONCEPTS

- Strong Demand for Grey Literature Online
- Responding to Library Interest in Unique Assets
- Founding a Base in the Repository for Campus Publishing Services

STAFFING PROFILE

- Department Admin
- Repository Librarian support as necessary

ONGOING TECHNICAL REPORT SERIES

PURDUE E-PUBS: CASE 2
CAMPUS PUBLICATION ARCHIVES (JTRP)

PURDUE E-PUBS: CASE 3

KEY CONCEPTS

- Reiterate value
- Exposure for Grey Lit
- Library as digital archive of record
- Look for value-adds: enhanced metadata, OCR
- Permissioning archives may present unexpected challenges

STAFFING PROFILE

- Repository librarian to ‘project manage’ and provide technical assistance
- Departmental contacts
- Staff assistance to compile deposit and error check

CAMPUS PUBLICATION ARCHIVES (JTRP)

PURDUE E-PUBS: CASE 3
KEY CONCEPTS

- Remain alert to unexpected opportunities and stakeholders
- Be responsive to emerging needs
- Non-faculty outputs can raise awareness of scholarly communication services

STAFFING PROFILE

- Content creator adapted all content
- Repository librarian to communicate directly with content creator and to manage batch uploads
With thanks

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