2014

Building Institutional Repositories: Emerging Challenges

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University of Nebraska at Omaha, y_ohira@fhsu.edu

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Building Institutional Repositories: Emerging Challenges

2014 WLA Conference, September 26th

Yumi Ohira, MFA, MLS
University of Wyoming Libraries
Agenda

(1) Introduction
   (1-1) What is an IR
   (1-2) WySR – Wyoming Scholars Repository
(2) Importance of an IR – “Discoverability”
   (2-1) Researchers’ Expectations
   (2-2) Discoverable through Search Engines
   (2-3) Strong Metadata
(3) Challenges
   (3-1) Copyrights/Permissions
   (3-2) Faulty Participation
(4) Conclusion
(1) Introduction

(1-1) What is an IR?

The Role of an IR

“... an institutional repository is a digital archive of the intellectual product created by faculty, research staff, and students of an institution and accessible to end users both within and outside of the institution, with few if any barriers to access.”

Why create an IR?  What are the goals of an IR?

- To showcase scholarly works
- To create a public forum for students, faculty, and staff
- To maximize research impact
  (Be easily **searchable** and **discoverable**)
- To manage and preserve digital scholarly works
(1-2) WySR – Wyoming Scholars Repository

http://repository.uwyo.edu/
The Structure of BePress-Digital Commons

➢ Series
  faculty papers, lectures, reports, datasets, oral histories, etc.

➢ EDT (Electronic Dissertations and Theses) Series
  theses and dissertations

➢ Book Galleries
  books, chapters, newsletters, yearbooks, etc.

➢ Image Galleries
  artwork, images, scanned documents, photos, etc.

➢ Event Communities
  conference presentations, symposium materials, etc.

➢ Journals
  academic quarterlies, campus periodicals, etc.
WySR
http://repository.uwyo.edu/

Series
Botany Faculty Publications  http://repository.uwyo.edu/botany_facpub/
Star Wars  http://repository.uwyo.edu/starwars_litcrit/
NJAT  http://repository.uwyo.edu/njat_oralhistories/

Book
Yellowstone Curriculum Materials  http://repository.uwyo.edu/starrs_curriculum/

Image
City Atlas  http://repository.uwyo.edu/gem_city_atlas/

Event
Education Research Symposium  http://repository.uwyo.edu/education_symp/2014/

Journals
National Park Service Research Center  http://repository.uwyo.edu/uwnpsrc_reports/
SelectedWorks Author Gallery
- Centralized management
- Customization
- Dissemination and discoverability

Collect and Manage
- Scholarly articles
- Book chapters
- Audio and video files
- Supplementary research materials, etc.
(2) Importance of an IR - “Discoverability”

(2-1) Researchers’ Expectations

- Resources--available 24 hrs a day, 7 days a week, 365 days a year
- The entire resources (Full-text)
- Easy to find, access, identify and evaluate
(2-2) Discoverable through Search Engines
How do search engines work?

Crawling : Robots go looking for content
Indexing : Content is discovered and noted
Ranking : Content is ranked in search engine results by relevancy
Relevancy: Determined by a set of algorithms unique to each search engine
http://repository.uwyo.edu/starrs_curriculum/
What is SEO?

SEO = Search Engine Optimization

Refers to the process of “optimizing” both the on-page and off-page ranking factors in order to achieve high search engine rankings for targeted search terms.

Refers to the “industry” that has been created regarding using keyword searching a means of increasing relevant traffic to a website.
Metadata

- Metadata provides information about data content
- Metadata describes content
- Metadata categorizes content
- Metadata provides context for content
- Metadata provides discoverability
- Metadata facilitates searches for key data
- Metadata supports “harvesting” of the IR by external systems
- Metadata helps organize IR content
- Metadata helps archiving and preservation
Improve Search Results Snippets

Page Title

URL

Snippet
Google Analytics

WySR launched
DC Usage Reports

- Reports for IR administrators
  - Hit Reports, Full-Text and Additional File Download Reports, Referral Reports
- Reports for editors
  - Publication Editor Report
- Reports for authors
  - Author Dashboard, Automatic Monthly Author Readership Report, On-Demand Download Report
- Report for institutional stakeholders
  - IR Activity Summary E-mail, Publication Activity Summary E-mail
(3) Challenges

- The submission of electronic materials
- Varying publisher copyright policies
- Difficulties in obtaining postable publisher version PDFs
- Technical limitations
(3-1) Copyrights/Permissions

- Faculty List
- Citation Databases
- Citation List
- Publisher Version
  - Pre-Print
  - Post-print
  - PDF
- Unknown
- Questions about permissions

Letters requesting permissions

SHERPA/RoMEO
Publisher copyright policies & self-archiving

Search
- Journal titles or ISBNs
- Publisher names
- Exact title or starts with or contains or ISSN

Like this site to list a summary of permissions that are not usually given as part of each publisher's copyright transfer agreement.
(3-1) Copyrights/Permissions

Faculty List → Citation Databases → Citation List → Publisher Version PDF → Pre-Print → Post-print → Unknown

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Search
- Journal titles or ISSNs
- Publisher names
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Faculty List

Citation Databases

Citation List

Pre-Print

Post-print

Publisher Version

PDF

Unknown

Publisher copyright policies & self-archiving

Search

Like this site to list a summary of permissions that are normally given as part of each publisher's copyright transfer agreement.
Dear [Pub_Name],

I am writing on behalf of Professor [Author_Name], who is a contributing author to one of your journals.

[Author_Last_Name] is a faculty member in the Department of Management and Marketing of the University of Wyoming and would like to deposit the full text of the following article from [Journal_Title] in the University’s institutional repository. [Author_Name] has authorized me to do this on [User_Name]'s behalf and to contact you to seek permission to do this.


The institutional repository is a cost-free service for our academic authors, providing access to the full-text of their publications. Full bibliographic details are given for each article, including the journal of original publication, etc.

If possible, it is preferred to archive the finalized pdf version as it appears in print. The pdf version has an advantage over viewing the author’s original version, as it maintains consistency in appearance of the article wherever it is read. This also maintains a closer association of the article with the journal, through the header-cite and journal-house-style.

It is easy to give your permission. Email me by replying and state that you give permission and to pass on any conditions that are associated. If it would be possible to use the published pdf version of the article for this purpose, then please include this.

Thank you for your attention and cooperation. I look forward to hearing from you.

Sincerely,

[Signature]

Kelly Yvonick, M.L.S., PhD
Scholarly Communication Librarian
University of Wyoming Libraries
skyle@uwyo.edu
Faculty 69
Citations 291
Publisher’s version PDFs 27
Contact 37

Faculty 72
Citations 121
Publisher’s version PDFs 6
Contact 19

Faculty 12
Citations 48
Publisher’s version PDFs 9
Contact 17
Average Numbers of Publications

<table>
<thead>
<tr>
<th>Department</th>
<th>Average Numbers</th>
</tr>
</thead>
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<tr>
<td>HISTORY DEPARTMENT</td>
<td>4.2</td>
</tr>
<tr>
<td>COLLEGE OF EDUCATION</td>
<td>1.7</td>
</tr>
<tr>
<td>COLLEGE OF BUSINESS</td>
<td>4.2</td>
</tr>
</tbody>
</table>
Letters requesting permission: 52
Responses: 30
Permissions: 24
with PDFs: 4
(3-2) Faulty Participation

Active and strong outreach

- Attending department meetings
  Understand the departmental cultures and faculty perspective
- Offering workshops and presentations
  Make IR more visible
- Creating and providing informational brochures and websites
  Inform benefits

March 14, 2014
Workshop at COB
(4) Conclusion

Information Life Cycle

- Digital collection building
- Access to digital collections
- Use of IR materials
- Long-term preservation
Knowledge Creation Use

Discovery Dissemination

Creation
Thank You

Yumi Ohira, MFA, MLS
University of Wyoming Libraries
yohira@uwyo.edu
The repository is a service of University of Wyoming Libraries. Research, scholarly, and creative output included here has been selected and deposited by the faculty, researchers and students of University of Wyoming. WySR, Wyoming Scholars Repository, is part of the larger Open Access movement to transform scholarly communications.

At a Glance

**Top 10 Downloads**
All time

**Recent Additions**
20 most recent additions

**Paper of the Day**

Bulletin No. 281 - Multiple Vitamin Concentrates in Turkey Breeding Rations
Browse by Research Unit, Center, or Department

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- College of Agriculture and Natural Resources
  - Agricultural Experiment Station
    - Wyoming Agricultural Experiment Station Bulletins
- College of Arts and Sciences
  - American Studies
  - Botany
    - Botany Faculty Publications
  - English
    - MFA in Creative Writing
    - The Medieval and Renaissance Roots of Star Wars
- Geology and Geophysics
  - Geology and Geophysics Faculty Publications
- History
  - History Faculty Publications
  - Immigrant Oral Histories
  - Phi Alpha Theta Nu Alpha & UW History Club
- Mathematics
  - Mathematics Faculty Publications
- Music
  - Music Faculty Publications
SelectedWorks Author Gallery

Visit SelectedWorks of:

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  - David Aadland
  - Director of Graduate Studies
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- **Craig Benkman**
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  - Visit Site

- **Hakima Bessaih**
  - Hakima Bessaih
  - Associate Professor of Mathematics
  - Visit Site
My research focuses on information literacy instruction, visual literacy, and the intersection of the arts and academic libraries.

**Library and Information Science**

- **Link**
  
  Engagement and Assessment in a Credit-Bearing Information Literacy Course (with Melissa Bowles-Terry), Reference Services Review (2013)

  *Purpose* – The authors teach a three-credit, upper-division, information literacy (IL) course to students in...

- **File**
  
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  From the Rockies to the Volga: A Partnership between Librarians at the University of Wyoming and Saratov State University (with Jamie P. Kearley), *Association of College & Research Libraries* (2009)

  Session Description: Join us as we take you on a tour of the cities of...

- **PDF**
  
BOTANY FACULTY PUBLICATIONS

Submissions from 2012

PDF  Shrub Encroachment Alters Sensitivity of Soil Respiration to Temperature and Moisture, J. M. Cable, G. A. Barron-Gafford, K. Ogle, et al.

Submissions from 2011

PDF  Controls on Soil Organic Carbon and Nitrogen in Inner Mongolia, China: A Cross-Continental Comparison of Temperate Grasslands, S. E. Evans, Ingrid Burke, and William K. Lauenroth


Submissions from 2010

PDF  Daily to Decadal Patterns of Precipitation, Humidity, and Photosynthetic Physiology Recorded in the Spines
Shrub Encroachment Alters Sensitivity of Soil Respiration to Temperature and Moisture

J. M. Cable
G. A. Barron-Gafford
K. Ogle
M. Pavao-Zuckerman
R. L. Scott
David G. Williams, University of Wyoming
T. F. Huxman

Document Type
Article

Publication Date
1-11-2012

Abstract
A greater abundance of shrubs in semiarid grasslands affects the spatial patterns of soil temperature, moisture, and litter, resulting in fertile islands with potentially enhanced soil metabolic activity. The goal of this study was to quantify the microsite
THE MEDIEVAL AND RENAISSANCE ROOTS OF STAR WARS

This project was provided in the course, ENGL 4640: Digital Humanities, by Dr. Ryan Croft. Students in this Digital Humanities course were tasked with creating video essays that explore the deep connections between Star Wars and medieval and Renaissance literature. These forays into film and literary criticism were created with the Fair Use Exemption and are intended for educational use in high school and college classrooms. By showing these video essays, English teachers can encourage student discussion about the medieval and Renaissance texts they are reading, while also illustrating the continued influence of these early texts on today's digital media and culture.
THE MEDIEVAL AND RENAISSANCE ROOTS OF STAR WARS

"Heads will Roll: Princess Leia and Judith as Heroines Defending their Dignity and People"

Allison Cetak, University of Wyoming

Document Type
Video

Publication Date
Spring 2014

This document is currently not available here.
NOT JUST A TEACHER: ORAL HISTORIES

Interview with Cheri Grutkowski

Cherncey Ary, University of Wyoming

Document Type
Audio

Publication Date
Winter 12-1-2013

Abstract
01. Overview of the Resource Education Curriculum Progression

Kristen Schulte and Ana K. Houseal

02. Ecological Relationships Lesson #1: OBSERVATION IS A SKILL

Kristen Schulte and Ana K. Houseal

This lesson consists of three activities that introduce youth to guided scientific inquiry. They will learn to make careful observations, ask questions, and create connections to their own lives while learning about the classification of abiotic and biotic factors in the natural world.
ants and missile silos and goods and ideas and people from afar all converged.

Landmarks, Landscape

Birds, Birding, and Birders

Cold War, Warm Planet
Here in Wyoming we're surrounded by these famously beautiful mountains, and the natural environment seems to be integral to Laramie's character. So started thinking of Laramie as an outward facing city, looking out toward the other Laramies, the Laramie River, the Laramie mountain range, Laramie Peak. But it feels incomplete to define a city just by its geography.
2014 Education Research Symposium Schedule

The College of Education Scholarship and Research Symposium, an annual event highlighting scholarly activities by College of Education faculty and graduate students, is scheduled for Friday, March 7th, 2014.

Keynote Speakers

Richard Crandall
Director, Wyoming Department of Education

Dick McGinity
President, University of Wyoming

When: Friday, March 7
8 a.m. - 4 p.m.
Where: Education Annex

The College of Education Scholarship and Research Symposium is an annual meeting that serves as a forum for faculty and graduate students to present their scholarship and research. In particular, the Symposium is designed to promote and reinforce scholarly activity among graduate students (doctoral and master’s) in the College of Education. The Symposium provides an informal (and potentially rich) opportunity to inform faculty and graduate students about the diverse scholarly activities presently being conducted. Specifically, the Symposium will provide faculty
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
<th>Location</th>
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<tr>
<td>8:00 AM</td>
<td><strong>Breakfast and Registration</strong></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>(College of Education, University of Wyoming)</td>
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<tr>
<td></td>
<td>ED Annex 318</td>
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<tr>
<td></td>
<td>8:00 AM - 8:30 AM</td>
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<tr>
<td>8:30 AM</td>
<td><strong>Welcome - Martin Agran and Dean Day</strong></td>
<td>Richard Crandall, Department of Education, University of Wyoming</td>
<td>ED Annex 318</td>
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<tr>
<td></td>
<td>8:30 AM - 9:15 AM</td>
<td></td>
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<tr>
<td>9:30 AM</td>
<td><strong>Counselor's comfort level with sexual topics: Preliminary review, current direction and anticipated results</strong></td>
<td>Molly Rose Wilson, University of Wyoming</td>
<td>ED Annex 211</td>
</tr>
<tr>
<td></td>
<td>9:30 AM - 10:30 AM</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Que luchen por su intereses (To fight for your interests): Using Photovoice to Engage and Empower Newcomer Immigrant Students and Parents</strong></td>
<td>Kevin Roxas, University of Wyoming, Kent Becker, University of Wyoming, Maria Gabriela, University of Wyoming</td>
<td>ED Annex 308</td>
</tr>
<tr>
<td></td>
<td>9:30 AM - 10:30 AM</td>
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</tr>
<tr>
<td></td>
<td><strong>Radical constructivist grounded theory: A hybrid epistemology</strong></td>
<td>Shashidhar Belbase, University of Wyoming</td>
<td>ED Annex 318</td>
</tr>
<tr>
<td></td>
<td>9:30 AM - 10:30 AM</td>
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Library and Information Science

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