Building Institutional Repositories: Emerging Challenges

Yumi Ohira, University of Nebraska at Omaha

Available at: https://works.bepress.com/yumi-ohira/3/
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

Source: Internet World Stats - www.internetworldstats.com/stats.htm
Penetration Rates are based on a world population of 7,017,846,922
and 2,405,518,370 estimated Internet users on June 30, 2012.
Copyright © 2012, Minnows Marketing Group
(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
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 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

Yellowstone Youth Conservation Corps (YCC) Resource Education Curriculum (REC); Greater Yellowstone Ecosystem; leadership, cultural heritage, ...
Google Analytics

Sessions vs. Select a metric

Sessions

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 PDF
  - Pre-Print
  - Post-print

- Letters requesting permissions

SHERPA/RoMEO
Publisher copyright policies & self-archiving

Search

Like the site to list a summary of permissions that are normally given as part of each publisher's copyright transfer agreement.
(3-1) Copyrights/Permissions

Faculty List → Citation Databases

Citation List → SHERPA/RoMEO
Publisher copyright policies & self-archiving

Search

Letters requesting permissions
(3-1) Copyrights/Permissions

Faculty List → Citation Databases → Citation List

Citation List → Publisher Version PDF → Pre-Print → Post-print

Letters requesting permissions

Unknown

Publisher copyright policies & self-archiving

Search

Like the 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 contacting you 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 at 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. He/she has authorized me to do this on [Author_Name]'s behalf and to contact you to seek permission to do so.

Article:

[Author_Name], [Author_Last_Name]. [Article_Title]. [Journal_Name], [Year], [Volume], [Issue], [Pages].

[Institutional Repository Description]

If possible, it is preferred to archive the finalized PDF version as it appears in print. The PDF version has an advantage over monitoring the author's own 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, title and journal house-name.

It is easy to give your permission. Email me by copying and pasting 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, please indicate this.

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

Sincerely,

[Signature]

[Name], [Title]
[Institution]

[University of Wyoming Libraries Website]
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
HISTORY DEPARTMENT: Average 1.7

COLLEGE OF EDUCATION: Average 4.0

COLLEGE OF BUSINESS: Average 4.2
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 Discovery

Discovery

Dissemination

Knowledge

Use

Creation
Thank You

Yumi Ohira, MFA, MLS
University of Wyoming Libraries
yohira@uwyo.edu
Wyoming Scholars Repository

Browse Research and Scholarship

- Research unit, center, or department
- SelectedWorks Gallery
- Student Scholarship

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

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. WSIR, Wyoming Scholars Repository, is part of the larger Open Access movement to transform scholarly communications.

- **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
  - History
    - History Faculty Publications
  - Geology and Geophysics
    - Geology and Geophysics Faculty Publications
  - Mathematics
    - Mathematics Faculty Publications
  - Music
    - Music Faculty Publications
  - Political Science
SelectedWorks Author Gallery

Visit SelectedWorks of:
Aadland, David

David Aadland
Director of Graduate Studies
Visit Site

Edward B Barbier
John S. Bugas Professor of Economics
Visit Site

Sandra M Barstow
Head of Collection Development
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Craig Elkman
Professor of Zoology
Visit Site

Harold Bergman
Zoology Department Head
Visit Site

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

- **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...

- **Participation on the High Plains: Increasing Student Engagement in an Upper-Division, Three-Credit Information Literacy Course** (with Melissa Bowles-Terry). LOEX of the West (2012)
  
  The presenters teach a three-credit, upper-division information literacy course to students in various majors. In...

- **Embedding Information Literacy into a Studio Art Course**. Handbook of Art and Design Librarianship for Higher Education (2010)
  
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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...


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Jennifer Mayer
University of Wyoming
- Associate Librarian
Curriculum Vitae [PDF]

Search the Selected Works of Jennifer Mayer
BOTANY FACULTY PUBLICATIONS

Submissions from 2012


Submissions from 2011


Submissions from 2010

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

J. M. Cable
G. A. Barron-Gafford
K. Oata
M. Pawao-Zuckerman
R. L. Scott
David G. Williams, University of Wyoming
T. E. 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 4540: 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 Costak, University of Wyoming

Document Type
Video

Publication Date
Spring 2014
NOT JUST A TEACHER: ORAL HISTORIES

Interview with Cheri Grutkowski

Cheruway Ary, University of Wyoming

Document Type
Audio

Publication Date
Winter 12-1-2013

Abstract
01. Overview of the Resource Education Curriculum Progression

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

Birds, Birding, and Birders

Cold War, Warm Planet
LARAMIE: A GEM CITY ATLAS

Landmarks, Landscape

Katie Boons, University of Wyoming

Description
Here in Wyoming we’re surrounded by those 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 Laramie’s, the Laramie River, the Laramie mountain range, Laramie Peak. But it feels incomplete to define a city only through the lens of what’s around it. So I brought the Laramie River to within the walls of the city, and then let it disappear, only to appear again outside the city walls. By bringing the river into the city, the river becomes a part of the city, just as Laramie is a part of the river.
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 McGinley
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...
### 2014

#### Friday, March 7th

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 8:00 AM | **Breakfast and Registration**<sup><small>College of Education, University of Wyoming</small></sup>
|         | ED Annex 318
|         | 8:00 AM - 8:30 AM                                                   |
| 8:30 AM | **Welcome- Martin Agran and Dean Day**<sup><small>Richard Crandall, Department of Education, University of Wyoming</small></sup>
|         | ED Annex 318
|         | 8:30 AM - 9:15 AM                                                   |
| 9:30 AM | **Counselor's comfort level with sexual topics: Preliminary review, current direction and anticipated results**<sup><small>Molly Rose Wilson, University of Wyoming</small></sup>
|         | ED Annex 211
|         | 9:30 AM - 10:30 AM                                                  |
|         | **Que luchen por su intereses (To fight for your interests): Using Photovoice to Engage and Empower Newcomer Immigrant Students and Parents**<sup><small>Kevin Roxas, University of Wyoming<br>Kent Becker, University of Wyoming<br>Maria Gabriol, University of Wyoming</small></sup>
|         | ED Annex 308
|         | 9:30 AM - 10:30 AM                                                  |
|         | **Radical constructivist grounded theory: A hybrid epistemology**<sup><small>Shashidhar Belbase, University of Wyoming</small></sup>
|         | ED Annex 318
|         | 9:30 AM - 10:30 AM                                                  |

Feature Article
- Amphibian and Reptile Inventory and Monitoring Grand Teton and Yellowstone National Parks, 2001
  Debra Paltz

Front Matter
- Front Matter and Table of Contents
  Henry J. Harlow and Marjanne Harlow

Grand Teton National Park Reports
- GTNP Breeding Bird Monitoring Project 2001 Season
  M. L. Cody
- Evaluation of Limiting Nutrients and Trophic State For Selected
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