Changing the Landscape of Scholarly Communication: Digital Commons Pilot Project

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Outline

- Definition
- Difference between IR and Digital Library
- Why NDSU Libraries started an IR
- Digital Commons future
- How can you contribute
Changing With the Times

- Libraries: Collection of written knowledge in some sort of repository is a practice as old as civilization itself. In the past written knowledge was paper base.

- “A collection of useful material for common use”
  Modern libraries are increasingly being redefined as places to get unrestricted access to information in many formats and from many sources.
Definition

Clifford A. Lynch

“Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age” defines an University-based Institutional Repositories as “a set of services that a university offers to 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.”
Goals

Create a repository that contains the intellectual works of faculty and students – both research and teaching materials – document the activities of the institution itself in the form of records of events and performance of the ongoing intellectual life of the institution.
Difference Between an IR and a Digital Library

**Digital Library**
- Does not necessarily focus on preservation
- Product of deliberate collection development policy
- Typically include an important service aspect

**Institutional Repository**
- Main focus is preservation
- Often dependent on voluntary contributions
- Are mainly repositories and may only offer limited user services
Institutional Repository Content Type

- University Publications
- Technical Reports
- Presentations
- Original Material
- Works of Relevance to the North Dakota Community
  - Includes Oral Histories, photographs, Historical Documents
Why NDSU Libraries Started an IR

- *Increase Institutional Visibility and Brand Awareness*
Why NDSU Libraries Started an IR – Increase Institutional Visibility

https://tspace.library.utoronto.ca/
Why NDSU Libraries Started an IR – Increase Institutional Visibility

http://library.ndsu.edu/repository/

NDSU Digital Commons
Welcome to the North Dakota State University Digital Commons. Digital Commons is an institutional repository provided by the NDSU Libraries that collects, preserves, and distributes digital material located at or produced by the NDSU community. Repositories are important tools for preserving an organization’s legacy; they facilitate digital preservation and scholarly communication.

To start contributing to NDSU Digital Commons please send us a message and see our guidelines.

Search Digital Commons
Enter some text in the box below to search NDSU Digital Commons.

Go

Communities
Select a community to browse its collections.
- Germans from Russia Heritage Collection
- Institute for Regional Studies & University Archives
- Instructional Resources
- Publications
- Scholarly Works
Why NDSU Libraries Started an IR – Increase Institutional Visibility and Brand Awareness

- Increase transparency into the institution’s scholarly production
- Materials are searchable via search engines
- Highlight Individual Achievement
- Promote Research and Scholarship
- Showcase and enhance the discovery of research within fields of expertise
Why NDSU Libraries Started an IR – Highlight Individual Achievement

http://dspace.ucalgary.ca/handle/1880/43398

Hansen, Dave D.
Collection home page

Dr. Dave D. Hansen's webpage is http://www.bio.ucalgary.ca/contact/faculty/hansen.html
Why NDSU Libraries Started an IR – Highlight Individual Achievement

http://dspace.cc.uregina.ca/dspace/handle/10294/17

Carol G. Hixson: [52]

Collection home page

This collection highlights some of the research and presentations of Carol Hixson, Library Dean at the University of South Florida St. Petersburg. Hixson was the University Librarian at the University of Regina from August 2006 through July 2009. Prior to that she was Professor and Head of Metadata and Digital Library Services at the University of Oregon Libraries, where she was the recipient of the 2004 Richard and Mary Corrigan Solari Faculty Fellowship Award.

Current research interests:
- Effect of culture on management
- Library role in scholarly communication
- Collaboration as a force for change
- Improving access to digital assets

Subscribe to this collection to receive daily email notification of new additions

RSS feeds

http://dspace.cc.uregina.ca/dspace/handle/10294/17
Why NDSU Libraries Started an IR?

- Increase Institutional Visibility
- *Community Building*
Why NDSU Libraries Started an IR – Community Building

- Improves community engagement
- Serves a particular need and contributes to the betterment of the community
- Preserves and improves access to regionally-valued content
Why NDSU Libraries Started an IR – Community Building: NDSU Publications We Post

- NDSU Extension Publication (1960-Present)
- Fungicide Guide
- Insect Control Guide
- North Dakota Research Report
- Weed Control Guide
Why NDSU Libraries Started an IR?

- Increase Institutional Visibility
- Community Building
- *Preservation & Access*
Why NDSU Libraries Started an IR - Preservation & Access

- Preservability is an essential prerequisite to any claims to scholarly legitimacy.
- IR provides unique persistent identifiers for digital objects
Why NDSU Libraries Started an IR - Preservation & Access

- Handle - Identifier and Resolution Service
  (http://handle.net/)

- Digital Object Identifier (DOI) System http://doi.org/
  Journals are moving towards DOI instead of page #’s in citations

- Maintain the URL even if change server
  - http://hdl.handle.net/10365/5418
Why NDSU Libraries Started an IR - Preservation & Access

Source: From International DOI Foundation
Why NDSU Libraries Started an IR - Preservation & Access

- Whole reason for an IR is to facilitate access, reuse, and stewardship..... How do you record and document the rights and permissions associate with works?

- Metadata
- Creative Commons License - allow creators to communicate which rights they reserve, and which rights they waive for the benefit of recipients or other creators. (http://creativecommons.org/)
Why NDSU Libraries Started an IR?

- Increase Institutional Visibility
- Community Building
- Preservation
- **Teaching**
Why NDSU Libraries Started an IR – Teaching

- Instructional Resources
  - Architecture/Landscape Architecture
Why NDSU Libraries Started an IR - Promote Research and Scholarship

- Slowly growing collection outside of the Libraries
  - Mathematics / Psychology department, supplement material
Future of Digital Commons

- Where do we go.....
  - Conferences and Symposia
  - Thesis and Honors projects
  - Faculty
How Do We Measure Success?

- Based on the number of collections / items in the IR
  - Digital Commons currently house 5987 items

- Use Statistics
  - 466,000 have been downloaded since we started the project

- How material is being used and cited
  - Still need to work with students and faculty to determine how items are being used
How can you contribute

Policy and procedures established by NDSU Libraries ...
Questions?

Contact me by e-mail at: karen.bjork@ndsu.edu

Or by phone: 701-231-7288
Citations

* Hixson, Carol “Introduction to Implementing an Institutional Repository” Delivered to Technical Service Staff (September 21, 2007) [http://hdl.handle.net/1794/5059](http://hdl.handle.net/1794/5059)