

Iowa State University

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February 22, 2012

Context and Heterogeneity: Challenges and Opportunities in Developing an Institutional Repository

Harrison W. Inefuku, *Iowa State University*



Available at: <https://works.bepress.com/hinefuku/9/>

Context and Heterogeneity

Challenges and Opportunities in Developing
an Institutional Repository

Harrison W. Inefuku

Presentation at Iowa State University

February 22, 2012

Background

Education

University of British Columbia (UBC)

- Master of Archival Studies
- Master of Library and Information Studies

University of the Pacific

- Bachelor of Fine Arts (Graphic Design)
- Bachelor of Arts (Visual Culture)

Research Experience



University Institutional Repositories
Copyright and Long-Term Preservation

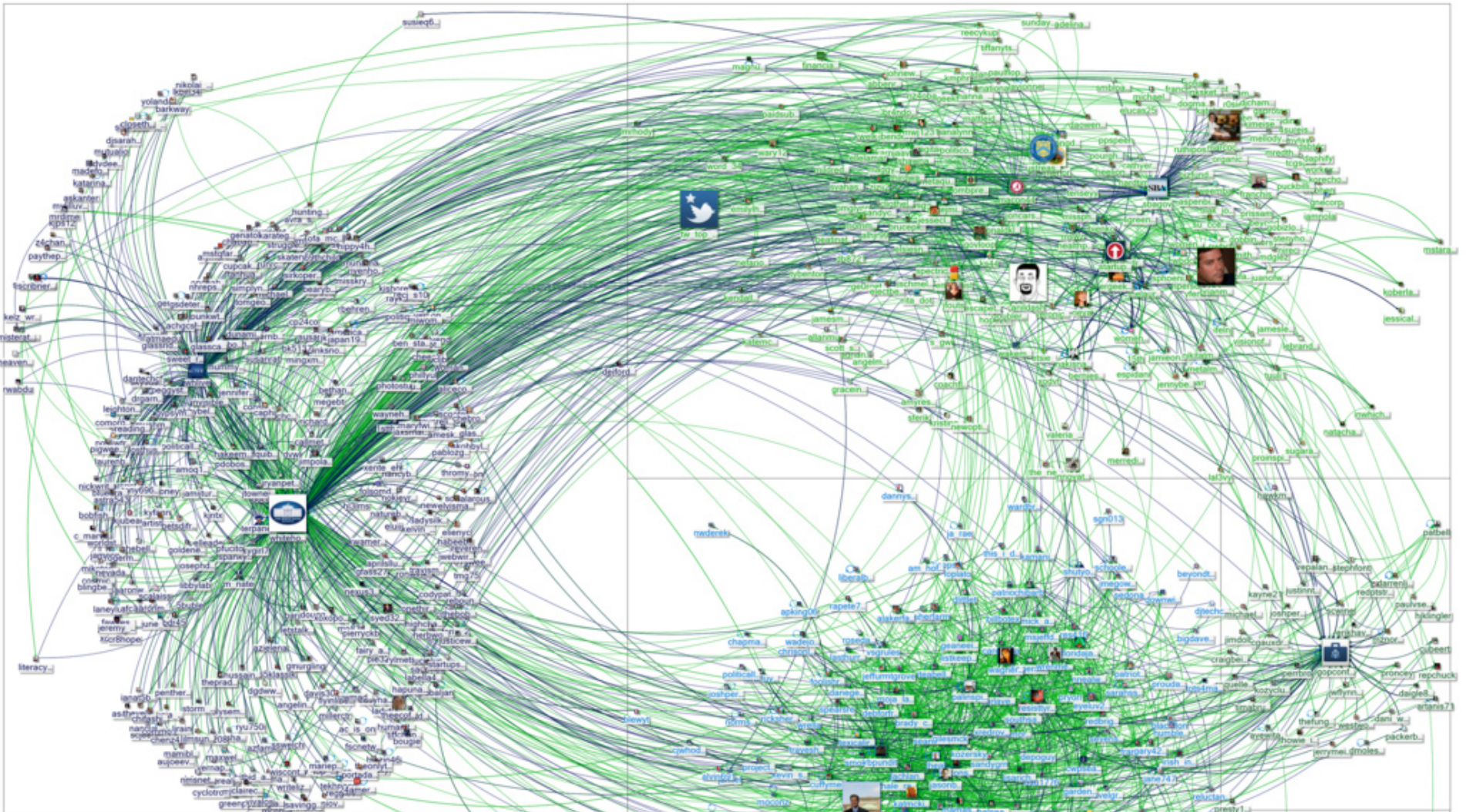


Institutional Repositories

- “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.” —Clifford Lynch
- Digital Repository—Institutional Repository—University Institutional Repository (UIR)

Clifford A. Lynch. “Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age.” ARL: A Bimonthly Report 226 (February 2003): <http://www.arl.org/resources/pubs/br/br226/br226ir.shtml>.

Social media network connections among Twitter users



CONTEXT

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It's about the context

- Within researcher's body of research
 - Self-archiving

It's about the context

- Within researcher's body of research
- Within the department/university
 - Areas of strength within a department
 - Collaborative research across departments
 - Thematic areas of research across university
 - Areas of strength for the university



a place of mind



THE UNIVERSITY OF BRITISH COLUMBIA

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UBC and the 2010 Olympic and Paralympic Games

The CIRcle 2010 Olympics Project aims to showcase and preserve UBC's intellectual output related to the Olympic and Paralympic Winter Games. Examples include research or teaching outputs, proceedings or webcasts of conferences and other events, as well as other material that is Olympic inspired and has long term value.

Collections in this community

[UBC and the 2010 Olympic and Paralympic Games: Coursework](#)
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[UBC Theses and Dissertations on Olympic and Paralympic Related Topics](#)

Recent Submissions

[Olympic Games Impact \(OGI\) Study for the 2010 Olympic and Paralympic Winter Games: Pre-Games Results Report](#)

OGI-UBC Research Team (University of British Columbia, 2009-12-01)

[Olympic Games Impact \(OGI\) Study for the 2010 Olympic and Paralympic Winter Games: Games-Time Report](#)

OGI-UBC Research Team (University of British Columbia, 2011-05-11)

It's about the context

- Within researcher's body of research
- Within researcher's circle of immediate colleagues
- Body of work used to create research products
 - Data
 - Preliminary Reports
 - Publications



HETEROGENEITY

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What's in here, anyway?

A word cloud of academic document types on a black background. The words are arranged in a horizontal, slightly overlapping manner. The colors of the words are white, light blue, and green. The words are: Publications, Minutes, Newspapers, Transcripts, Notes, Syllabi, Portfolios, Catalogs, Multimedia, Data, Preprints, Dissertations, Manuscripts, Theses, Papers, Reports, and Maps. The word 'Dissertations' is the largest and most prominent, followed by 'Manuscripts' and 'Theses'. 'Preprints' and 'Data' are also large. 'Publications' and 'Minutes' are on the left. 'Syllabi', 'Portfolios', 'Catalogs', and 'Multimedia' are in the upper middle. 'Papers', 'Reports', and 'Maps' are on the right.

Publications Minutes Newspapers Transcripts Notes Syllabi Portfolios Catalogs Multimedia Data Preprints Dissertations Manuscripts Theses Papers Reports Maps

Not all documents are created equal

- Differing requirements for:
 - Access and Copyright
 - Preservation
 - Authenticity



Access and Copyright

- Copyright ownership
- Published vs. unpublished materials

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Preservation

- Content
- Appearance
- File Formats
- Copyright

Photo by author



Authenticity

- Authenticity is important for data and records
- Ongoing authenticity ensures that data and records retain their evidentiary value

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Digital Repository Toolbox

- Policies
- Non-Exclusive Distribution License
- Metadata
- Education & Outreach

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Acquisition Policy DRAFT

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Policy

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Non-Exclusive Distribution License

Metadata

- Access
 - Dublin Core, EAD
- Preservation
 - PREMIS
- Authenticity
 - InterPARES Chain of Preservation

</Metadata>

Education and Outreach

- Raise awareness of copyright and open access
- Build relationships with students, faculty, staff and administrators
- Contribute knowledge of digital repositories and preservation



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Digital Repository is a work in progress that will eventually include scholarly and creative works, research, publications, and reports contributed by faculty, students, staff, and administrative units of Iowa State University (ISU). The repository is administered by the University Library. Please [email us](#) with questions or suggestions.

At a Glance

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Coming Soon!

**DIGITAL REPOSITORIES AND
IOWA STATE UNIVERSITY**

UIRs and ISU Library

A digital repository and publishing infrastructure that ensures global awareness and access to Iowa State research, provides creative solutions for open access mandates from granting agencies, and offers an effective publishing tool for campus journal editors and campus publications.

UIRs and Iowa State University

Mission

Create, share, and apply
knowledge to make Iowa
and the world a better place

Priorities

- Iowa State will be internationally known for faculty, staff, and students who address the challenges of the 21st century
- Iowa State will be a treasured resource for Iowa, the nation, and the world

Thank you!
Questions?

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Photo by author

