Institutional Repository pilot project

Welcome to the Laurentian University institutional repository for archiving and distributing LU’s research documents in digital format.

Technology for Teaching,
Learning and Research,
Laurentian University
An institutional repository (IR) is a database with a set of services to:

capture
describe
store
preserve and distribute a university's scholarly output in digital formats.
What is an institutional repository? (2/2)

SPARC (Scholarly Publishing and Academic Resources Coalition) defines IRs as follows:

- institutionally defined
- scholarly
- cumulative and perpetual
- open and interoperable

http://www.arl.org/sparc/
Possible content in IRs

- Articles
  - Preprints, post-prints
- Technical Reports
- Working Papers
- Conference Papers
- Thesis
- Audio/Video

- Datasets
  - Statistical, geospatial
- Images
  - Visual, scientific
- Teaching material
  - Lecture notes, visualizations, simulations

- E-journals
Increasing momentum to build IR's

- Address challenges posed by digital scholarship
- Offer an alternative to current commercial model of publishing
- Foster a balanced approach to copyright
- Offer solution for “requirement to archive” policies of funding agencies
"Digital Scholarship can be defined as any element of knowledge or art that is created, produced, analyzed, distributed, published, and/or displayed in a digital medium, for the purpose of research or teaching."

--- Kirsten Foot, Assistant Professor, Department of Communication, University of Washington
What's wrong with current commercial model of publishing?

Rising costs of subscriptions and decreasing purchase power of libraries!!

- In North America research libraries spent 227% more on journals in 2002 than in 1986. The Consumer Price Index rose 57% during this same period.
- While a growing number of journals are now available online, this access often comes at an extra cost.
- Negative impact on book publishing and acquisition

Source: American Library Association on Journal Pricing
You are free:

to Share — to copy, distribute and transmit the work

Under the following conditions:

Attribution. You must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).

Noncommercial. You may not use this work for commercial purposes.

No Derivative Works. You may not alter, transform, or build upon this work.

- For any reuse or distribution, you must make clear to others the licence terms of this work
- Any of the above conditions can be waived if you get permission from the copyright holder
Requirement to archive

- Funding agencies and archiving policies
- Current situation in Canada?
Benefits to faculty (1/2)

- Increased visibility
- Increased readership
- Increased citation rates
Free online availability substantially increases a paper's impact

Steve Lawrence

1. NEC Research Institute, 4 Independence Way, Princeton, New Jersey 08540, USA

These letters form part of Nature's current debate on access to the scientific literature. For more examples, see http://www.nature.com/nature/debates/e-access/index.html

Sir:

The volume of scientific literature far exceeds the ability of scientists to identify and use all relevant information. The ability to locate relevant research quickly will dramatically improve communication and scientific progress. Although availability varies greatly by discipline, more than a million research articles are now freely available on the web.

Here we investigate the impact of free online availability by analysing citation rates. Online availability of an article may not greatly improve access and impact without efficient and comprehensive search services; a substantial percentage of the literature needs to be indexed by these search services before
Population cycles in small **mammals**: The problem of explaining the low phase
R Boonstra, CJ Krebs, NC Stenseth - 1998 tspace.library.utoronto.ca
... Title: Population cycles in small mammals: The problem of explaining the low phase.
Authors: Boonstra, Rudy, Krebs, Charles J., Stenseth, Nils Chr., ...
Cited by 51 - Cached - Web Search - tspace.library.utoronto.ca - hdl.handle.net - csacom

Finding **mammals** using far-infrared thermal imaging
R Boonstra, C Krebs, S Boutin, JM Eadie - 1994 tspace.library.utoronto.ca
... Title: Finding mammals using far-infrared thermal imaging. Authors: Boonstra, Rudy, Krebs, Charles, Boutin, S., Eadie, JM., Issue Date: 1994 ...
Cited by 8 - Cached - Web Search - tspace.library.utoronto.ca - hdl.handle.net

Indices of Population Size for Burrowing **Mammals**
A Hubbs, T Karels, R Boonstra - 1999 tspace.library.utoronto.ca
... Authors: Hubbs, Anne, Karels, Tim, Boonstra, Rudy., Keywords: Arctic ground squirrel, burrowing mammals, infrared thermal imaging, population indices, powder ...
Cited by 5 - Cached - Web Search - tspace.library.utoronto.ca - hdl.handle.net - csacom

A tracking technique to locate small **mammals** at low densities
R Boonstra, M Kanter, C Krebs - 1992 tspace.library.utoronto.ca
... Title: A tracking technique to locate small mammals at low densities. Authors: Boonstra, Rudy, Kanter, M., Krebs, Charles., Keywords ...
Cited by 5 - Cached - Web Search - tspace.library.utoronto.ca - hdl.handle.net - csacom

Adult neurogenesis in natural populations
... R. Boonstra works at a field station in the Yukon (Canada) where he can monitor
Benefits to faculty (2/2)

- Permanent links to work
- Preservation of work
- Easy to use
No more broken links to your work

http://hdl.handle.net/1807/3029/
Preservation!
Ensure your work be accessible into the future

Laurentian University
Université Laurentienne
More and more journals allow authors to archive their work

http://romeo.eprints.org
What IR software is LU using?

- DSpace v. 1.4.1
- jointly developed by MIT Libraries and Hewlett-Packard Labs
- freely available as open source software
- supports the Open Archives Initiative's Protocol for Metadata Harvesting
Concluding remarks:

- IRs → tools to share research produced by LU faculty with broader community
- IRs → tools that foster collaboration between disciplines
- What open access is not!
Contacts

http://142.51.8.34/dspace/
on campus only

Sylvie Lafortune
slafortune@laurentian.ca

Dan Scott
dscott@laurentian.ca