

Dalhousie Libraries  
Digital Scholarship Initiative

# Digital Scholarship?



Bloom's Taxonomy as updated by Lorin  
Anderson from

[http://www.odu.edu/educ/roverbau/Bloom/blooms\\_taxonomy.htm](http://www.odu.edu/educ/roverbau/Bloom/blooms_taxonomy.htm)

# Our Take On Digital Scholarship

- Digital Collections
  - Journal Hosting
  - Institutional Repository
  - 3-D Scanning / Printing
  - Data Visualization Tools
  - VRE (Virtual Research Environment)
  - Data Curation
- 
- The diagram uses three symbols to categorize the activities: a right-facing curly bracket for 'Current', a right-pointing arrow for 'Planned', and a left-facing curly bracket for 'Future'. The 'Current' group includes Digital Collections, Journal Hosting, and Institutional Repository. The 'Planned' group includes 3-D Scanning / Printing. The 'Future' group includes Data Visualization Tools, VRE (Virtual Research Environment), and Data Curation.
- |                                      |   |         |
|--------------------------------------|---|---------|
|                                      | } | Current |
| • Digital Collections                |   |         |
| • Journal Hosting                    |   |         |
| • Institutional Repository           |   |         |
|                                      | → | Planned |
| • 3-D Scanning / Printing            |   |         |
|                                      | } | Future  |
| • Data Visualization Tools           |   |         |
| • VRE (Virtual Research Environment) |   |         |
| • Data Curation                      |   |         |

# Digital Collections

Have come in all shapes and sizes over last decade

Digital copies of published works

- NSIS, Africville Report, NS Medical Bulletin

Thematic exhibitions focused on a particular individual organization or subject

- Cobb Postcards, Theatre Archives, Halifax Explosion

Full digital archives

- James Dinwiddie, Board of Governors Minutes

A recent review has shown a variety of standards were used, some of which are no longer sustainable

Where do we go from here?

What can we save and which of these collections won't survive?

How do we determine what to do next?

# Journal Hosting



Dalhousie Journal of Interdisciplinary Management

Home > Vol 7, No 2 (2011)

## Dalhousie Journal of Interdisciplinary Management

The Dalhousie Journal of Interdisciplinary Management is a student-led initiative aimed at publishing Dalhousie graduate student work of the highest quality and significance in all areas of management.

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- HELP



### Announcements

*No announcements have been published.*

[More Announcements...](#)

Vol 7, No 2 (2011)

[Table of Contents](#)

Articles

E-Canada and the Emerging Cyber Attack Exigency  
*Craig MacEachern*

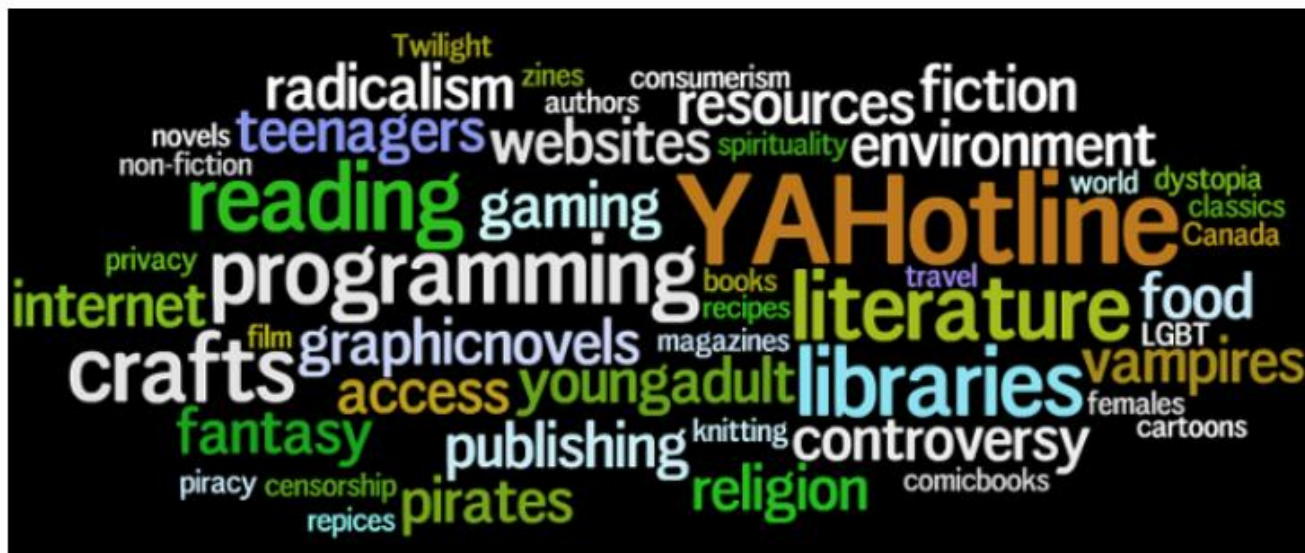
PDF

Watts at Stake?: Protecting North America's energy infrastructure from cascading failure and terrorist threats  
*Alexander Szumilas, Bryce Swerhun, Jeannette Lye*

PDF

*YA Hotline* is a bi-annual newsletter published by the School of Information Management at Dalhousie University. The newsletter contains a large amount of information and resources for both young adults and young adult librarians including book reviews, resource lists, bibliographies, feature articles, interviews and more.

The editor of the newsletter is [Vivian Howard](#), Associate Professor and Associate Dean (Academic) at the Dalhousie School of Information Management. The articles in each newsletter are written by graduate students in the Services and Resources for Young Adults course at Dalhousie's School of Information Management.



# Institutional Repository



DALHOUSIE UNIVERSITY  
Inspiring Minds

[Login](#)

## DalSpace Repository

DalSpace Home → Faculty of Graduate Studies Online Theses

### Search DalSpace

Search DalSpace  
 This Community  
[Advanced Search](#)

### Browse

**All of DalSpace**

- > [Communities & Collections](#)
- > [By Issue Date](#)
- > [Authors](#)
- > [Titles](#)
- > [Subjects](#)

**This Community**

- > [By Issue Date](#)
- > [Authors](#)
- > [Titles](#)
- > [Subjects](#)

### My Account

[Login](#)  
[Register](#)

### Statistics

[View Statistics](#)

## Faculty of Graduate Studies Online Theses

[Advanced Search](#)

**Browse by**

- [By Issue Date](#)
- [Authors](#)
- [Titles](#)
- [Subjects](#)

### Collections in this community

- [Faculty of Graduate Studies Online Theses](#)

### Recent Submissions

**An investigation into the development and content of HIV prevention and harm reduction policies in Nova Scotia: Do they address the needs of women who inject drugs?**

McWilliam, Susan (March 12, 2012)  
[\[more\]](#)

**MODELING CLINICAL PATHWAYS AS BUSINESS PROCESS MODELS USING BUSINESS PROCESS MODELING NOTATION**

Hashemian, Nima (March 9, 2012)  
[\[more\]](#)

**River dolphins as indicators of ecosystem degradation in large tropical rivers**

Gómez-Salazar, Catalina (March 8, 2012)  
[\[more\]](#)

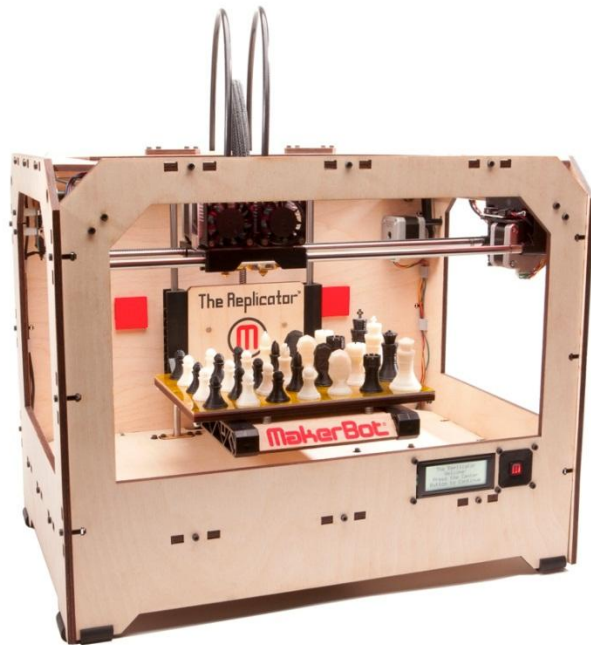
**Detrital Production in Kelp Beds**

Krumhansl, Kira (March 7, 2012)  
[\[more\]](#)

**Evaluation Of Tasco® As A Candidate Prebiotic In Broiler Chickens**

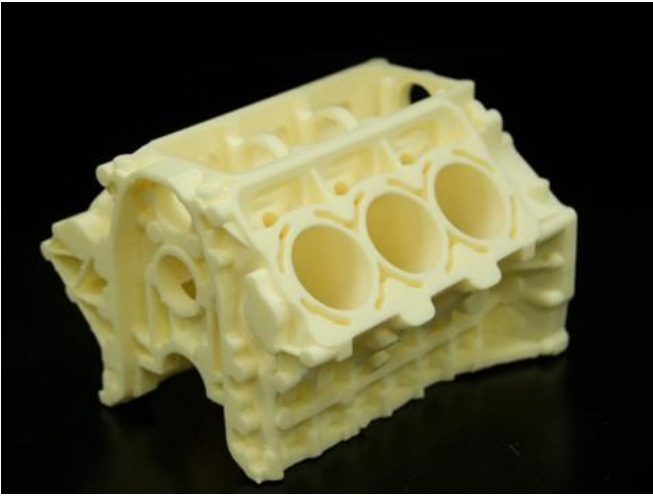
Wiseman, Melissa (March 5, 2012)  
[\[more\]](#)

# 3-D Scanning and Printing



Working with SIM students Michael Groenendyk and Riel Gallant





Engine Block

<http://printin3d.com/3d-printers/v-flash-personal-3d-printer>



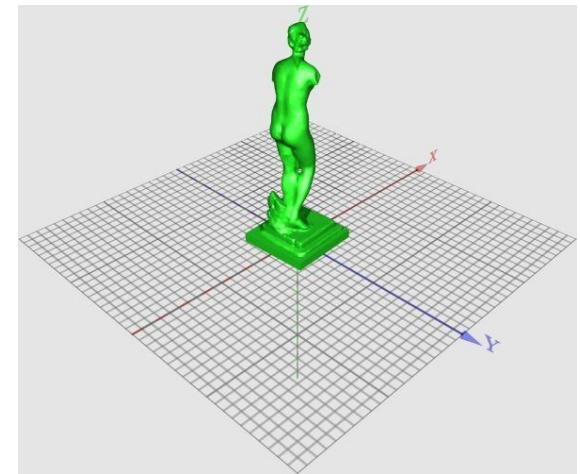
Dinosaur Skull

<http://printin3d.com/3d-printers/v-flash-personal-3d-printer>



Medical Device

<http://printin3d.com/3d-printers/v-flash-personal-3d-printer>



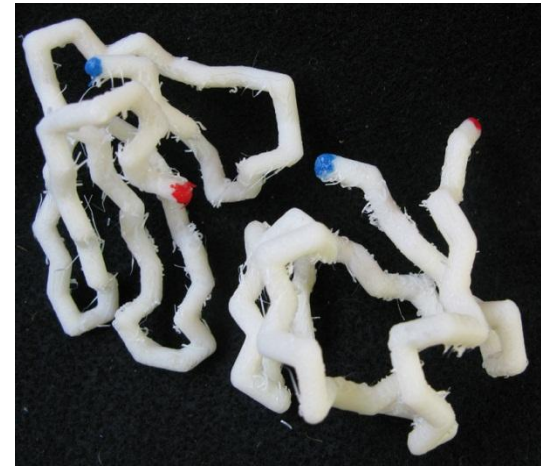
Aphrodite

<http://www.thingiverse.com/thing:18458>



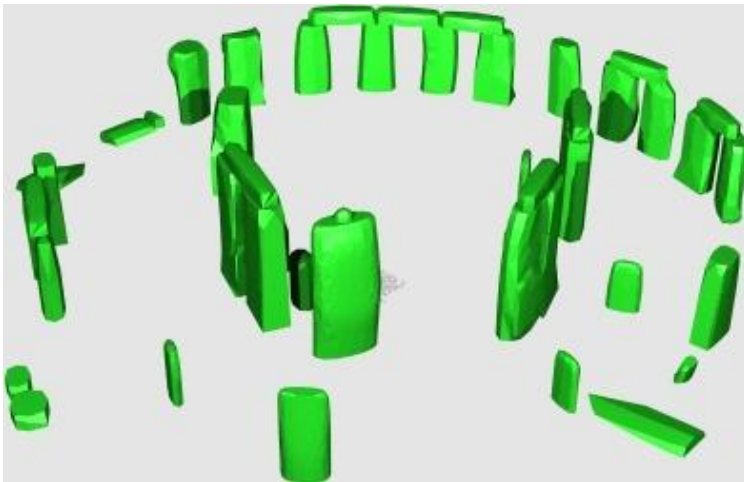
Da Vinci Glider

<http://www.thingiverse.com/thing:11053>



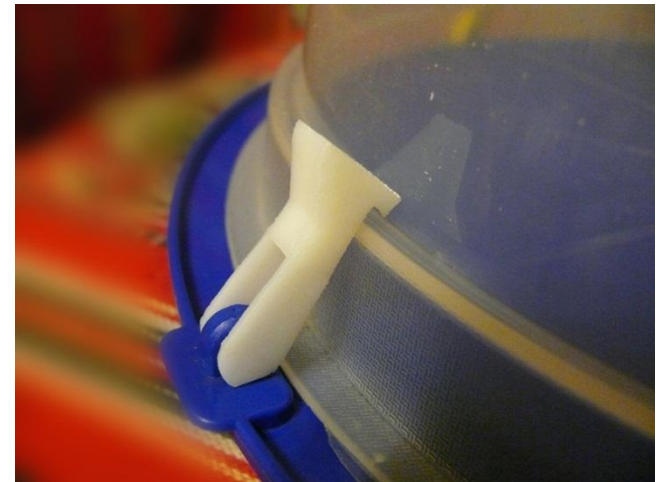
Protein Models

<http://www.thingiverse.com/thing:12283>



Stonehenge

<http://www.thingiverse.com/thing:9687>



Replacement Clip For Cake Holder

<http://www.thingiverse.com/thing:5435>

# 3-D Collection

- Using DalSpace to archive models.
- Donations coming from a jewelry designer and local engineering firm.
- Museum like items from the Archives.
- Software in the Commons to manipulate objects.
- Coming this summer!

# Future Areas

- **Data Visualization** - powerful technique available to anyone with data and a need to use it to tell a story.
- **Virtual Research Environments** – providing the infrastructure for collaborative work.
- **Data Preservation and Curation** – providing data management plans and data advice for large research projects.



Public Data

- World Development Indicators and Global Dev...
  - Economic Policy and Debt
  - Education
  - Environment
    - Agricultural irrigated land (% of total agri...
    - Agricultural land (sq. km)
    - Agricultural machinery, tractors
    - Agricultural machinery, tractors per 100 ...
    - Agricultural production index
    - Agriculture value added per worker (con...
    - Alternative and nuclear energy (% of tot...

Clear

Compare by Country

Region Color

Lending Type All

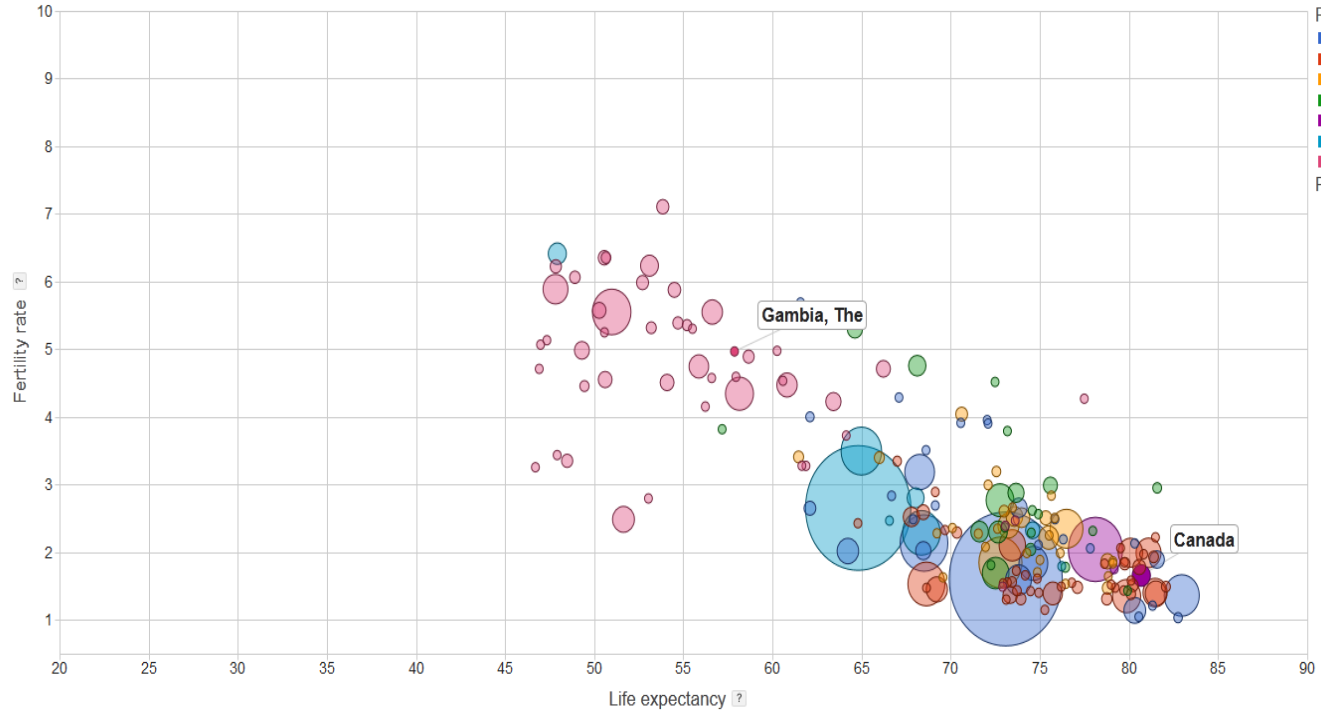
Income Level All

- Armenia
- Estonia
- Ethiopia
- Faeroe Islands
- Fiji
- Finland
- France
- French Polynesia
- Gabon
- Gambia, The
- Georgia
- ^

Clear selections

- Gender
- Urbans/Rurals

Countries ?



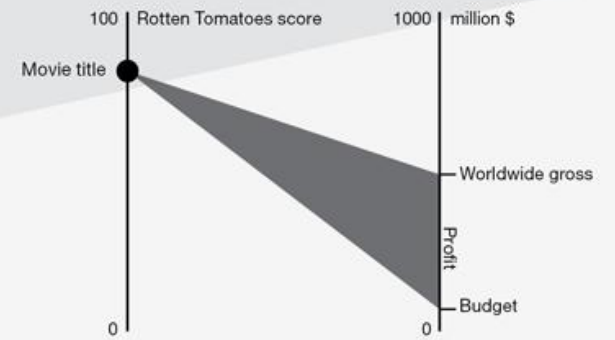
2009

Data from World Bank Last updated: Mar 9, 2012

©2012 Google - Help - Terms of Service - Privacy - Disclaimer - Discuss

# SPOTLIGHT ON PROFITABILITY

Top 3 selection based on profitability  
(% of budget recovered)\*



Animation

Comedy

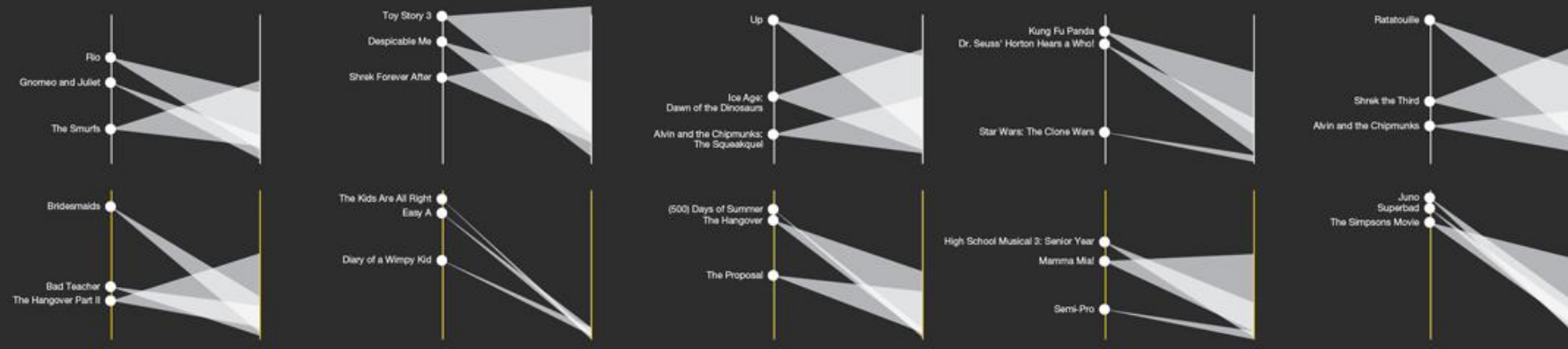
2011

2010

2009

2008

2007



# Virtual Research Environment

The screenshot displays the Islandora website interface. At the top, the UPEI University of Prince Edward Island logo is on the left, followed by a 'DOWNLOAD ISLANDORA' button. To the right are 'Contact' and 'Login' links, and a search bar with the text 'Search'. The main banner features the 'islandora' logo with the tagline 'building a rich digital repository ecosystem'. Below this is a navigation bar with links for 'Islandora', 'Documentation', 'Community', 'Learning Library', 'Conferences', and 'DiscoveryGarden'. The central content area shows a preview of the 'IslandLives' project, including a featured image and a list of explore-by categories (Title, People, Places, Organization). Below the main content is an 'ANNOUNCEMENTS' section with two columns of text.

**UPEI UNIVERSITY of Prince Edward ISLAND** | [DOWNLOAD ISLANDORA](#) | [Contact](#) | [Login](#) |

## islandora™

*building a rich digital repository ecosystem*

**IslandLIVES**  
Preserving PEI's community histories

Explore By:  
• Title  
• People  
• Places  
• Organization

**ANNOUNCEMENTS**

**Dates for Islandora Camp 2012 announced!**

We are happy to announce that we have decided to run Islandora Camp from August 1-2, 2012 in Charlottetown, PEI. We will make additional details available as they are settled. If you have any questions, or are interested in presenting at/attending Islandora Camp, please contact [islandora@upe.ca](mailto:islandora@upe.ca). This is a community centered event, and we welcome your feedback and input!

[read more ...](#)

**Update: Islandora 11.3.1**

Islandora has been updated to version 11.3.1. This minor release addresses a bug in the 11.3.0 release - all users of Islandora 11.3.0 should update to 11.3.1. More details can be found on the [Release Notes and Downloads page](#).

The documentation is undergoing updates to match this version of Islandora, and is available ...

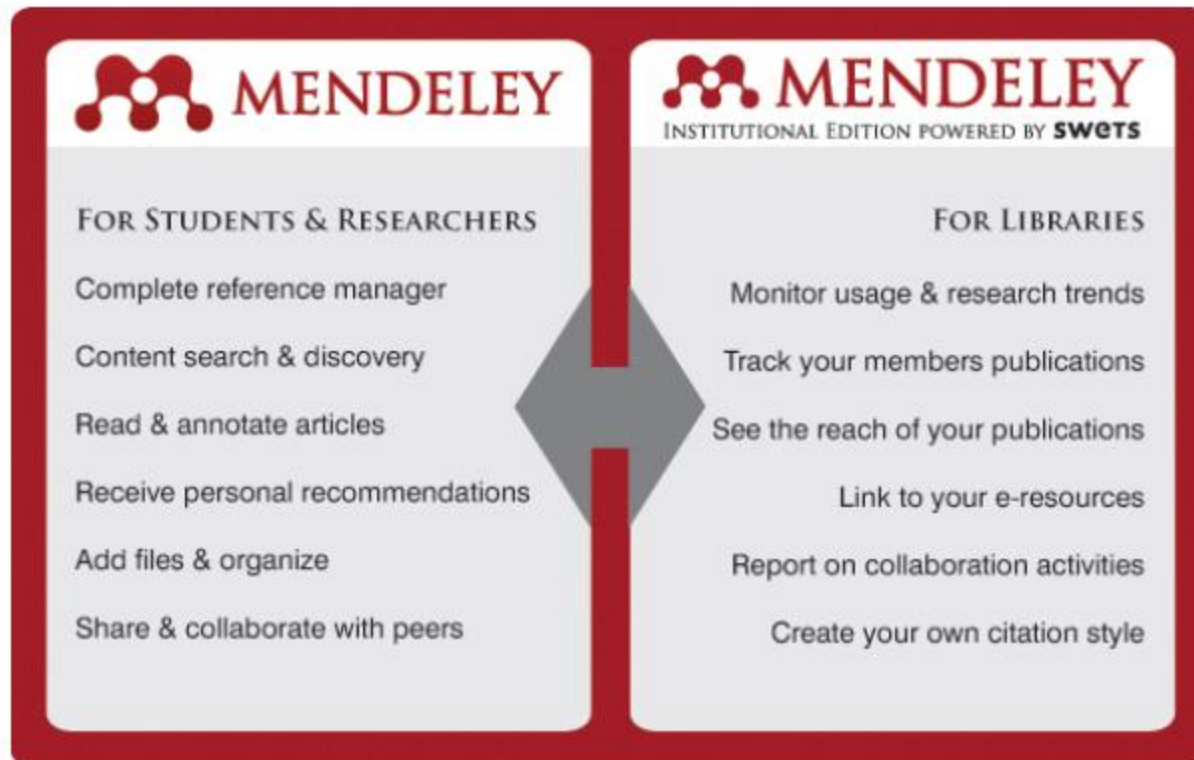
[read more ...](#)



INSTITUTIONAL EDITION POWERED BY **SWETS**

**Bringing your library experience into the digital world**

Mendeley Institutional Edition powered by Swets connects the knowledge, value and expertise of library staff to the individual researcher. At the same time it provides you with key information on usage trends and topics across your institution and beyond.





# Data Preservation and Curation

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Scholars Portal is a project of the Ontario Council of University Libraries. Founded in 2002, Scholars Portal provides a shared technology infrastructure and shared collections for all 21 university libraries in the province.

YOUR Portal  
TO RESEARCH  
AND LEARNING



## News

### JSTOR collections now available in Journals

Approximately 2000 titles from the JSTOR archive collections have been loaded on Scholars Portal Journals <http://journals.scholarsportal.info>. The collections loaded include the Arts & Sciences Collection IVIII, the Ireland Collection, and the Life Sciences Collection. Users can search ...

### OCUL Releases Scholars Geo Portal

March 1, 2012 \ OCUL is pleased to announce the release of Scholars GeoPortal (<http://geo.scholarsportal.info>). Scholars GeoPortal is an awardwinning\ geospatial data discovery tool allowing Ontario's university students and researchers to enrich their teaching and research by engaging with OCUL's growing ...

### Scholars GeoPortal Recognized by the OLA

Scholars GeoPortal has been awarded the OLITA Award for Technical Innovation! Read the OLA awards announcement here: <http://www.accessola.org/olaproduct/OLAWEB/Home/News/2012/January/OLASalutesAwardWinners.aspx> <http://www.accessola.org/olaproduct/OLAWEB/Home/News/2012/January/OLASalutesAwardWinners.aspx> Also recognized ...

### Holiday Staffing

Scholars Portal office will be closed Wednesday, December 21 Sunday, January 1 for the

## Services

Interlibrary loan **RACER**  
Research management **RefWorks**  
Research management **WizFolio**  
Digital content **Journals**  
Digital content **Books**  
Link server **SFX**  
Statistics and microdata **ODESI**  
Chat reference **Ask A Librarian**

## Research Data Management and Publishing Support

[NSF Plans](#)[Storage Services](#)[Dissemination](#)[Privacy and Intellectual Property](#)[Data Usability](#)[Data Analysis](#)[High Performance Computing](#)[Additional Resources](#)[Events](#)[Home](#) > [Services](#) > [Research Data Management and Publishing Support](#)

## Research Data Management and Publishing Support

With the growing importance of data in research and data driven scientific discovery, well thought out data management plans will be increasingly important. The National Science Foundation recently announced that it will begin to require data management plans in all grant proposals starting in January 2011. The following resources will hopefully give you a place to start for both thinking through a data management plan and services that may be helpful.

Many of the services listed here will be useful to researchers who have to develop data management plans, and we'll provide more information as it becomes available.

- [Writing a Data Management Plan:](#)
  - [NSF Plans](#)
- [Understanding and Managing Data:](#)
  - [Storage and Backup Services](#)
  - [Long Term Storage, Dissemination and Sharing](#)
  - [Privacy and Intellectual Property](#)
  - [Data Usability](#)
- [Using Data in Research:](#)
  - [Data analysis](#)
  - [High performance computing](#)

# RECRUITMENT



WE NEED YOU!!!

## A CHAIR FOR THE DSI

- Innovation, interest, willing to try some new things and not afraid to take some mis-steps.
- Our group is management and strategy, none of this will succeed if we can't engage the broader group in some of this stuff.
- We may not have even covered off the full scope of things that is already being done. We need everyone's input.
- Opportunity for librarians to develop their own research initiatives.