Sharing and preserving your research data
“Digital Preservation is access... in the future.”

-David Brunton
Why Manage Research Data?

Effective data management will:

- **Save time:** Planning for your data management needs ahead of time will save you time and resources in the long run.
- **Increase your research efficiency:** Have you ever had a hard time understanding the data that you or your colleagues have collected? Documenting your data throughout its life cycle saves time because it ensures that in the future you and others will be able to understand and use your data.
- **Facilitate new discoveries:** Enabling other researchers to use your data may inspire open scientific inquiry and can lead to new and unexpected discoveries. And doing so prevents duplication of effort by enabling others to use your data rather than trying to gather the data themselves.
- **Meet grant requirements:** Many funding agencies now require that researchers deposit in a digital archive which they collect as part of a research project.
- **Support Open Access:** Researchers are becoming increasingly more aware of the need to manage their work and consider issues of scholarly communication. The Open Data movement advocates for researchers to share their data in order to foster the development of knowledge.
- **Increase Research Impact:** by maintaining the visibility of the data and promoting transparency in research.
- **Ensure compliance:** to meet the requirements of the institution or funding agency.
- **Improve accessibility:** ensuring that the quality and integrity of the data is maintained during and beyond the life cycle of the project.
- **Safeguard research data:** by establishing appropriate storage, back-up and management.

Get to know your data
Who are the data owners?
What type of data will be produced?
What is the expected volume of data that will be produced?
What data formats will you use?
Organization
What is your file naming convention?
Will you version the data?
What supporting documentation will you provide?
What relationships does this data have to other data?
Access & Sharing
Will you share the data you collect or create?
Copyright/Intellectual property rights
Will there any ethical issues?
Data preservation
How will you store and backup the data?
Where do you intend to archive or deposit the data after the project is complete?
Search results

Enabled Filters

- (·) = Toronto Telegram fonds, F0433

(1 - 25 of 10,556)

<table>
<thead>
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<th>Title</th>
<th>Hallowe'en: Lord Dufferin old boys party for the school [not used]</th>
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<tr>
<td>Contributor</td>
<td>[Julian] Hayashi, Toronto Telegram</td>
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<tr>
<td>Description</td>
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Filter

Specify date range: Show
The Scholars Portal Dataverse network is a repository for research data collected by individuals and organizations associated with Ontario universities. The Dataverse platform makes it easy for researchers to deposit data, create appropriate metadata, and version documents as you work. Access to data and supporting documentation can be controlled down to the file level, and researchers can choose to make content available publicly, only to select individuals, or to keep it completely locked. All data is hosted on Canadian servers, in a secure environment that conforms to industry best practices for maintaining data integrity and longevity.

**Dataverses**

- **40** Dataverses

A Dataverse is a container for research data studies, customized and managed by its owner.

**RECENTLY RELEASED DATAVERSES**

- **Tim Ribaric**
  - Mar 31, 2014
- **Lakehead University Research Data Repository**
  - Mar 25, 2014
- **Political Science Data Archive**
  - Feb 21, 2014
- **#FacuOblic Bibliothèque uOttawa Library**
  - Feb 21, 2014
- **Ontario Problem Gambling Research Centre (OPGRC) Data Repository**
  - Feb 13, 2014

**Studies**

- **235** Studies, **3,246** Files, **11,650** Downloads

A study is a container for a research data set. It includes cataloging information, data files and complementary files.

**RECENTLY RELEASED STUDIES**

- **The Genetic Architecture of Flowering Time and Related Traits in Two Early Flowering Maize Lines 2007 [Canada]: Bioinformatics and Quantitative Genetics by Lukens, Lewis**
  - Apr 1, 2014
- **Studying the interaction of crop management practices and weather and the subsequent effect on nitrous oxide emissions, 2000-2005 [Canada]: Soil moisture content data by Wagner-Riddle, Claudia**
  - Apr 1, 2014
- **Studying the interaction of crop management practices and weather and the subsequent effect on nitrous oxide emissions, 2000-2005 [Canada]: Soil data by Wagner-Riddle, Claudia**
  - Apr 1, 2014
Welcome to YorkSpace

YorkSpace is York University's Institutional Repository. It is a platform that enables York community members to organize and preserve their research online in an institutional context. It showcases the scholarship of the York University community through the use of a special standards-based software platform that collects usage statistics and provides exceptional visibility on the web.

To learn more about YorkSpace, visit the YorkSpace Resource Site.

Communities in YorkSpace

Select a community to browse its collections.

- Association for Portuguese and Lusophone Studies
- Barbara Godard Collection
- Canadian Studies -- Études canadiennes
- Centre for Atmospheric Chemistry
- Centre for Research on Language Contact
- Changing Urban Waterfronts
- Churchill Community of Knowledge
- Clara Thomas Archives and Special Collections
- Dialectology
- Digital Team
- Division of Research and Innovation
- Faculty of Education
Ontario Digital Library Research Cloud (ODLRC)

Project Details
3-year project
MTCU-PIF Funding
10 partners
UTL as lead

Technology
OpenStack Swift
1.2 PB (3.6 PB raw)
3x replication
Geographically distributed storage nodes
(5-6 locations initially)
Private network

Goals
Lower cost
Highly scaleable
Replicated
Open technologies and standards
Integrated
Hosted in Canada
Secure

Content
Digital Library resources
Archival resources
Research data

CANARIE
Dedicated lightpath for CPDN

Ottawa/Carleton
Queen’s
University of Alberta
Toronto, Ryerson, York
Windsor
McMaster
Guelph
Waterloo/Laurier
GTA.net
Orion
Cloud Storage Infrastructure (1.2PB)
Thanks!
ruestn@yorku.ca