

Sharing and preserving your research data

**“Digital Preservation is
access... in the future.”**

-David Brunton

Overview


Table of Contents	
Write Your Data Management Plan	Learn how to evaluate your data needs and create a data management plan.
Manage Your Data	Find out the common and best practices in data management.
Share Your Data	Learn about the benefits of sharing data and how to do it.
Templates & Downloads	Find sample plans, checklists, and other materials.
More Guides	A collection of useful guides on research data management.
Contact	Have questions, need answers? We can help.

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 reinforces open scientific inquiry and can lead to new and unanticipated 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 an archive data 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 maximizing the visibility of the data and promoting transparency in search
- **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

Subject Guide



Nick Ruest

Contact Info
[Send Email](#)

York Librarians Can Help You With:

- Data management practices
- Data Management Plans (DMPs)
- Archiving your data

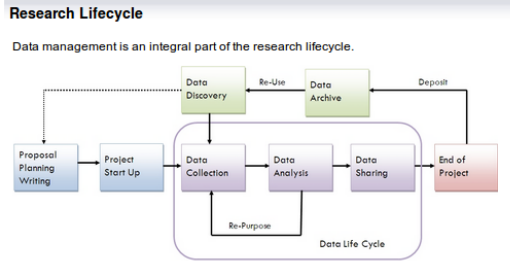
Contact us for more information.

Author Profile

Kim Pham

This research guide was created by the wonderful work of [Kim Pham](#), a University of Toronto iSchool student, during a 105hr practicum in the summer of 2013.

Source: MIT's Guide to [Data Management and Publishing](#) and Curtin Library, [Research Data 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

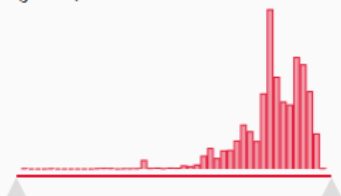
**How will you store and
backup the data?**

**Where do you intend to
archive or deposit the
data after the project is
complete?**

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Date

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Contributor

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(1 - 25 of 10,556)

[1](#)[2](#)[3](#)[4](#)[5](#)[...](#)[next](#)

Title	Hallowe'en : Lord Dufferin old boys party for the school [not used]
Contributor	[Julian] Hayashi, Toronto Telegram
Description	Image of four boys dressed in Hallowe'en costumes. The boy in the middle is dressed as Superman.
Genre	Documentary Photography
Type	nonprojected graphic
Fonds	Toronto Telegram fonds, F0433
Accession / Box	1974-002 / 093

Identifiers

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SP Dataverse Network

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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

[Create Dataverse](#)**40** Dataverses

i 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
#hackuObiblio Bibliothèque uOttawa Library	Feb 21, 2014
Ontario Problem Gambling Research Centre (OPGRC) Data Repository	Feb 13, 2014

[View More >](#)

Studies

239 Studies, **3,246** Files, **11,650** Downloads

i 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.

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Ontario Digital Library Research Cloud (ODLRC)

Project Details

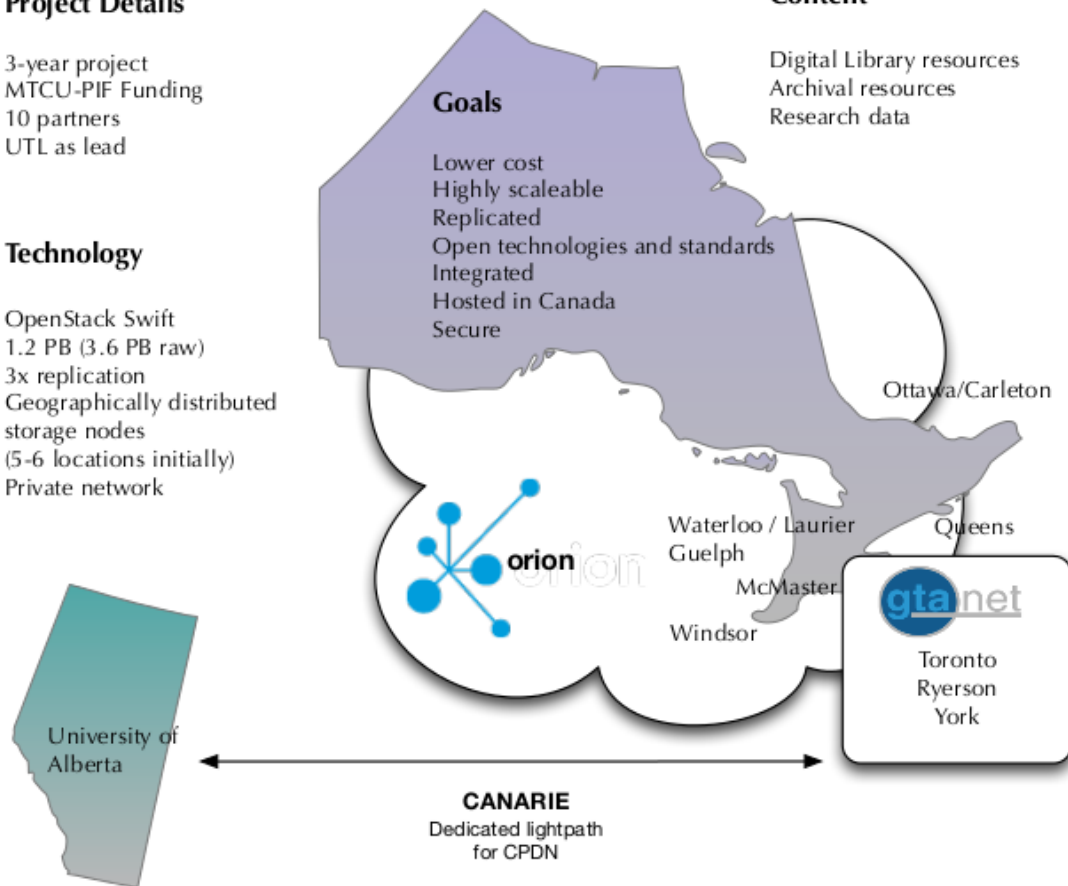
3-year project
MTCU-PIF Funding
10 partners
UTL as lead

Technology

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

Content

Digital Library resources
Archival resources
Research data



Thanks!

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