Training & outreach

In addition to our regular DMP training workshops and online modules, we are involved in a number of collaborative training and outreach initiatives.

Ontario Consortium for Graduate Professional Skills Development

Ontario Productivity and Innovation Fund Grant

- Partnership - 7 Ontario universities
- Goal - collaborative approach to graduate professional skills development
- Course - 18 one-hour modules - available fall 2014
- **Our contribution -** Research Management Module

Office of Research

Faculty grant writing workshops

- Half-day workshops for federal tri-council funding agencies (SSHRC, CIHR, NSERC)
- **Our contribution** – introduction to upcoming new tri-council policy related to open access and data management planning
- 104 faculty

Graduate Student Research Project Management Course

- Course - 10 sessions - ranging from research integrity to knowledge mobilization
- **Our contribution** - data management planning session in collaboration with Data Resource Centre staff
- 50 students/course offering

OMAF MRA/KTT Knowledge Exchange

- Ontario Ministry of Agriculture and Food and Ministry of Rural Affairs annual knowledge mobilization, translation and transfer symposium
- **Our contribution**
  - data management planning as a key factor in research project development
  - overview of upcoming federal funding policy changes
  - data life cycle planning and preservation
- Participants
  - academic researchers
  - provincial and federal government research staff
  - researchers in industry

Deepening collaborative relationships in providing Research Data Management support

Carol Perry & Wayne Johnston, University of Guelph

Introduction

Providing a full-scale data management service which is effective and well-used requires collaboration from a variety of partners. In Canada, the policy landscape will be changing rapidly as a new federal research funding policy is rolled out this fall. At the University of Guelph, over the past four years we have been establishing relationships within the institution and with the broader community as we develop and expand services to our researchers.

Repository development

Initial Pilot Project

$75,000 grant - Ontario Ministry of Agriculture and Food (OMAF)/University of Guelph Knowledge Translation and Transfer (KTT) Funding Program

Pilot an Agri-Environmental Research Data Repository

- conducted needs assessment, data audit and environmental scan
- identified standards and best practices to be employed
- developed policies and protocols
- adopted Dataverse for data repository
- adopted DataCite for data citation and data linking
- completed processing and submission of pilot research study

Current UG data repositories

Agri-Environmental Research Data Repository

- outgrowth of our initial pilot project
- studies from School of Environmental Sciences and Department of Plant Agriculture
- 24 studies comprising 1,600 files published to date
- 1,939 total downloads

University of Guelph Research Data Repository - New

- accommodates all other disciplines
- Current deposits - College of Business and Economics and Ontario Veterinary College

Current service provided centrally at no cost to researchers

Ontario Problem Gambling Research Centre (OPGRC)

2013-2014 Research, Knowledge Translation and Exchange Award

- Non-profit organization mandated to provide knowledge translation and exchange of provincially-funded problem gambling research outputs
- **Our contribution**
  - guide development of a data repository service for OPGRC-funded research outputs.
  - move the project from a conceptual framework through to the end of the pilot stage in compliance with their obligations to the provincial government

Perry, C., Johnston, W. (2014) *Deepening collaborative relationships in providing Research Data Management support*. 40th Annual Conference. International Association for Social Science Information Services and Technology. Toronto ON. 5 June, 2014.

National & provincial components

In order to fully support Research Data Management at the University of Guelph we engage with national and provincial partners for some of the key components of our service strategy.
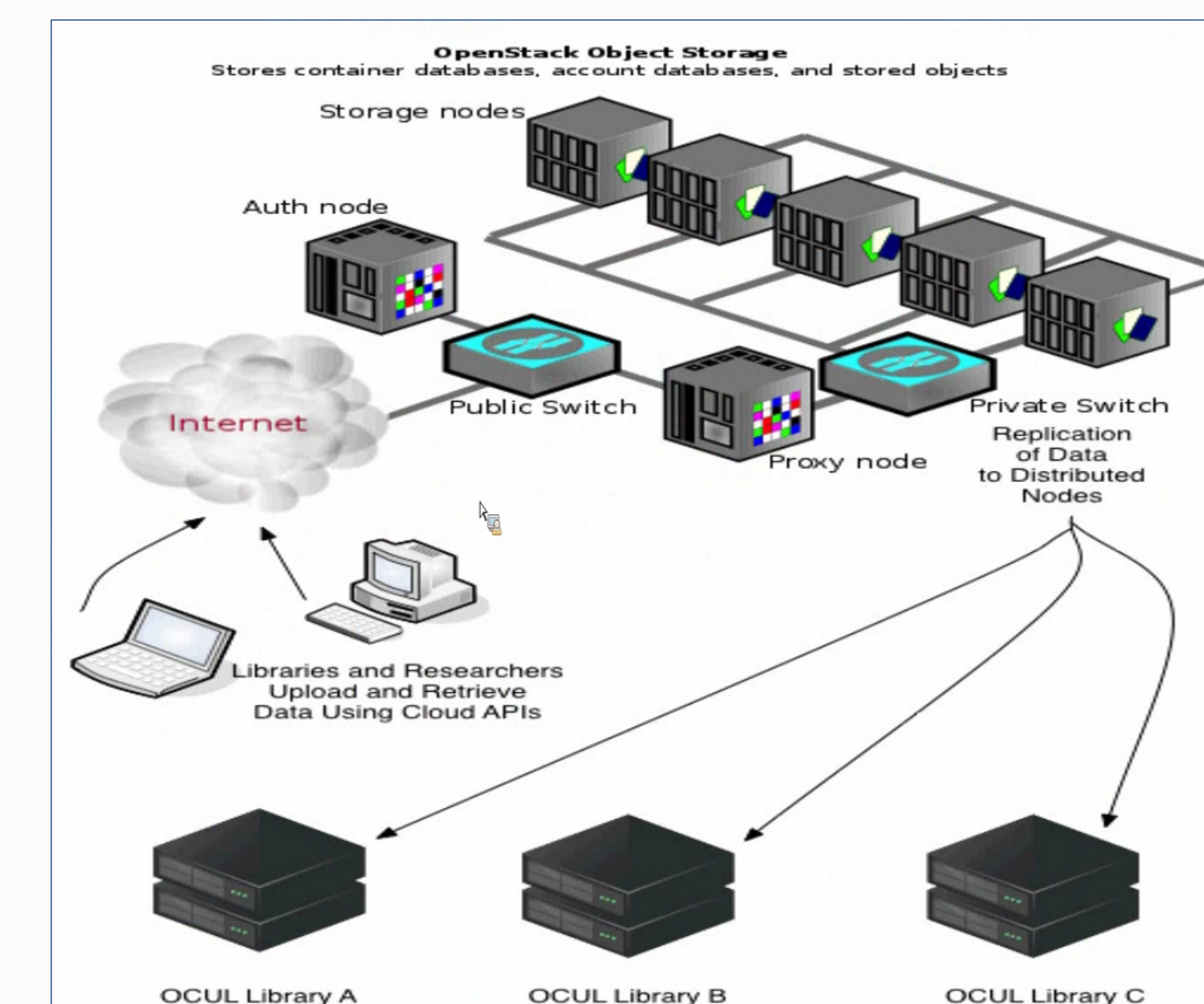
Data Repository Platform

- Dataverse
- instance for Ontario universities hosted by Scholars Portal (SP) – Ontario Council of University Libraries
- open-source application for sharing, citing, analyzing and preserving research data
- SP has a certified Trusted Digital Repository

Massive Storage for Research Data

Ontario Digital Library Research Cloud (ODLRC)

- collaboration - 10 Ontario university libraries
- high capacity distributed storage network
- initial raw storage - 4.6 PB
- data preservation and curation
- replication (minimum – 3 copies at any given time)
- plan - develop Dataverse integration

Automated Data Management Planning (DMP) Tool

Project ARC

- collaboration – Canadian Association of Research Libraries (CARL) and regional academic library associations with Research Data Canada (RCD)
- adapt existing DMP tools for Canadian context
- develop a data curation Centre of Expertise
- develop framework for library-based data services network in Canada