McMaster University is located on the traditional Territories of the Mississauga and Haudenosaunee Nations, and within the lands protected by the "Dish With One Spoon" wampum agreement.
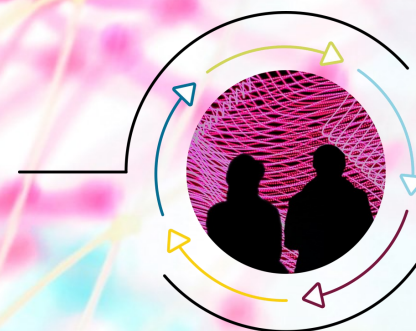
WabbitWanderer, "Cockpit Island in Cootes Paradise, Hamilton Ontario, on an autumn afternoon," October 28, 2018, Flickr - https://www.flickr.com/photos/44251652@N08/44101709870/in/photostream/

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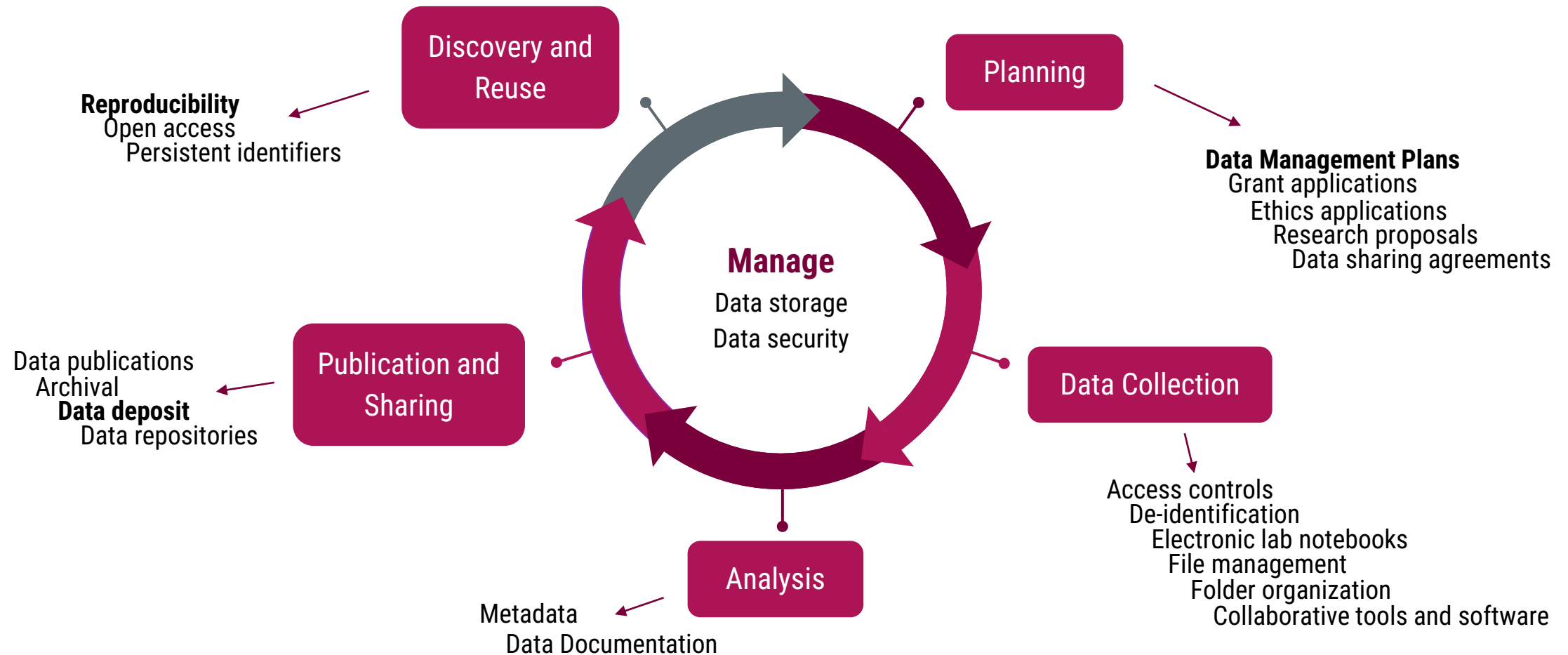
Questions asked via the chat box will be read by the facilitator without identifying you. Note that you may be identifiable when asking a question during the session in an audio or visual format.

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Meet our presenters

What is Research Data Management?

Discovery and Reuse

Reproducibility
Open access
Persistent identifiers

Planning

Data Management Plans
Grant applications
Ethics applications
Research proposals
Data sharing agreements

Manage
Data storage
Data security

Data publications
Archival
Data deposit
Data repositories

Publication and Sharing

Data Collection

Access controls
De-identification
Electronic lab notebooks
File management
Folder organization
Collaborative tools and software

Analysis

Metadata
Data Documentation

RDM Services Support Research + Teaching

Consultations: Available for students, postdocs, faculty, and staff with any RDM-related questions

Class Visits + Course Modules: For graduate and undergraduate levels.

Training: Introductory and focused training workshops Current events series for 2022-23 and previous recordings available for asynchronous learning.

Website: Overview and resources through the research cycle: Secure, Plan, Find, Organize, Store, Publish, and Archive data.

Data Storage Finder: McMaster-specific interactive tool - find a vetted storage provider based on risk, volume, and more.

DMP Assistant: interactive tool for data management plan creation - templates and exportable plans to fulfill grant requirements.
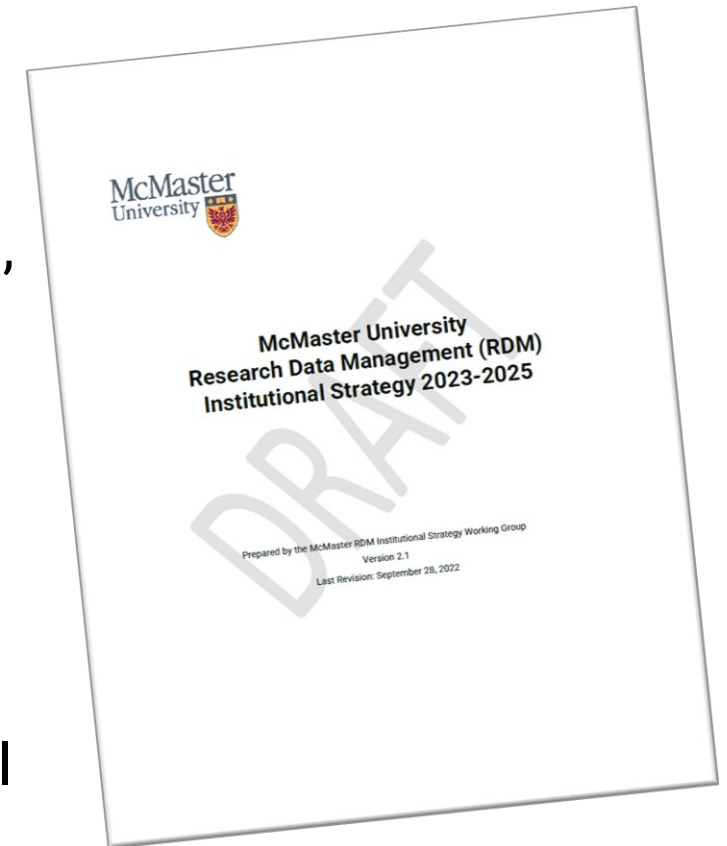
McMaster Dataverse: Institutional data repository for sharing research data. Part of the Canada-wide Borealis Repository.

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McMaster's Institutional Strategy For Research Data Management

Vision:

• Support our researchers in producing the **highest quality research**, meeting **disciplinary and funder expectations**, and leading the **adoption of RDM best practices**

• Provide a researcher-focused integrated framework of interconnected and complementary services, infrastructure, policies, practices, guidelines, tools, technologies, training, and support.

• Going beyond the Tri-Agency requirement to build a strategy for all researchers at McMaster

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Research Data Management (RDM)
Institutional Strategy 2023-2025

DRAFT

Prepared by the McMaster RDM Institutional Strategy Working Group
Version 2.1
Last Revision: September 28, 2022

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RDM Institutional Strategy Working Group

- The working group was formed in March 2021 as a subcommittee of the Research Information Technology Committee (RITC)

- Membership includes representatives from
  - Research Administration Offices (ROADS, HRS, MILO),
  - Research Ethics Boards (MREB, HiREB),
  - IT units (RHPCS, UTS)
  - Hospital Research Offices (St Josephs, HHS, PHRI),
  - McMaster's Indigenous Research Institute (MIRI)
  - McMaster Libraries (MUL, HSL), and
  - The Faculties of Humanities, Business, Social Science, Engineering, Science, and Health Science.

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Institutional Strategy Development Process

An **environmental scan** of RDM services provided by McMaster

An **online survey** of researcher's RDM needs

A series of **focus groups** with researchers, research centres and institutes, and services

A **maturity assessment** of current services and infrastructure using a model built for RDM at universities

Feedback from **over 250 members** of the McMaster research community

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Institutional Strategy **Principles**

- Research excellence & integrity
- Indigenous data sovereignty
- Collaboration & coordination
- Researcher-centered support
- Global research leadership and impact
- Research security

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Institutional Strategy – Goals + Objectives

Organizational Frameworks

Governance and Policy	Funding and Support	Culture, Community, Collaboration	Services and Training

RDM Practices, Tools, and Infrastructure

Data Management Planning	Data Storage	Indigenous Data	Data Ethics and Sensitive Data

Data Documentation, Sharing, Access	Data Security	Software and Applications

Strategy Development Timeline

Preparation		First Draft		Second Draft		Third Draft		Fourth Draft		Final Version & Launch
Working group formation	→	Institutional Strategy Working Group (WG) Review	→	Research Information Technology Committee (RITC) Review	→	Research Community Review	→	WG Approval	→	Final Draft
Outreach						Town Halls		RITC Approval		Media article
RDM Current & Ideal State Documents				Vice President Research (OVPR) Review		Department visits		OVPR Approval		Website
						Focus Groups				Glossy Document
April 2021 – August 2022	→	August 2022	→	September 2022	→	October 2022 – January 2023	→	February 2023	→	March 2023
						We are here				

Implementation plan for 2023: First steps

Timeline	Action
Q2, 2023	Assemble RDM Steering Committee
Q2-Q3, 2023	Goals, objectives, assessment metrics co-development
Q4, 2023	Campus – engagement and needs evaluation
Q1, 2024	Annual assessment and report to RDM Governance
Q1, 2024	Campus update

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Focus Groups

Focus Groups:
- Research-Creation (November 29)
- Qualitative Data (December 6)
- Indigenous Data (December 8)
- Register: **u.mcmaster.ca/rdm-strategy-events**

Survey: If you wish to share more detailed feedback, you can use this anonymous feedback form (**u.mcmaster.ca/rdm-feedback**) or contact rdm@mcmaster.ca.

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