

# CIHR's Research Data Management Learning Module

RDC Webinar Series - Introduction to new RDM Capacity Building Initiatives

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# Data – why we manage

The volume and flow of research data is accelerating at an unprecedented rate. Ensuring that this data is managed effectively will lead to tremendous benefits for the research community and society at large.

## Benefits of Research Data Management (RDM)

Support  
research  
excellence

Encourage  
research  
dissemination

Elevate  
research  
impact

Promote best  
practices

# Health Research Data: A CIHR Priority

## CIHR Strategic Plan

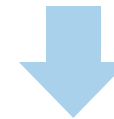
### *Health Research Roadmap II*

Commitment to embrace the data revolution



### *Health Research and Health-Related Data Framework*

Guide to current and future data-related activities



### *Tri-Agency Research Data Management Policy*

Promote sound research data management and sharing practices

# HRHR Data Framework: Strategic Outcomes

1

COLLECTIVE DATA CULTURE  
IS FOSTERED

2

DATA-RELATED RESOURCES  
ARE AVAILABLE

3

DATA-RELATED SKILLS ARE  
EXPANDED

4

DATA ACCESS, LINKAGE,  
USE & REUSE IS ENABLED

# Health Research Data: A CIHR Priority

## CIHR Strategic Plan

### *Health Research Roadmap II*

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### *Tri-Agency Research Data Management Policy*

Promote sound research data management and sharing practices

# Draft Tri-Agency Research Data Management Policy

## *A three-pillar approach*



### **Institutions**

Institutions administering tri-agency funds will be required to create an institutional research data management strategy.



### **Data Management Plan**

All grant applicants will be encouraged to complete a data management plan (DMP) as part of their application (some grants may require it).



### **Data Deposit**

Grant recipients will be encouraged (and sometimes required) to deposit digital research data resulting from agency-funded research into a recognized digital repository.



# Draft RDM Policy Timeline

**Regional  
Stakeholder  
Engagement  
Tour**  
*2017-18*



**Online Public  
Engagement  
Launch**  
*June 5/18*



**Online Public  
Engagement End  
Date**  
*September 30/18*



**Analysis of  
Feedback  
and Revision  
of Policy**  
*Ongoing*



**Phased &  
Incremental  
Implementation**  
*Beginning in  
Summer/Fall  
2019*



# Culture Change and Capacity Building



## Raising Awareness

- Internal Communications
  - Support the development of data-related policies
- External Communications
  - Support research community in meeting new RDM standards



## Opinion Leaders & Champions

- Engage with leaders in the Canadian RDM community.

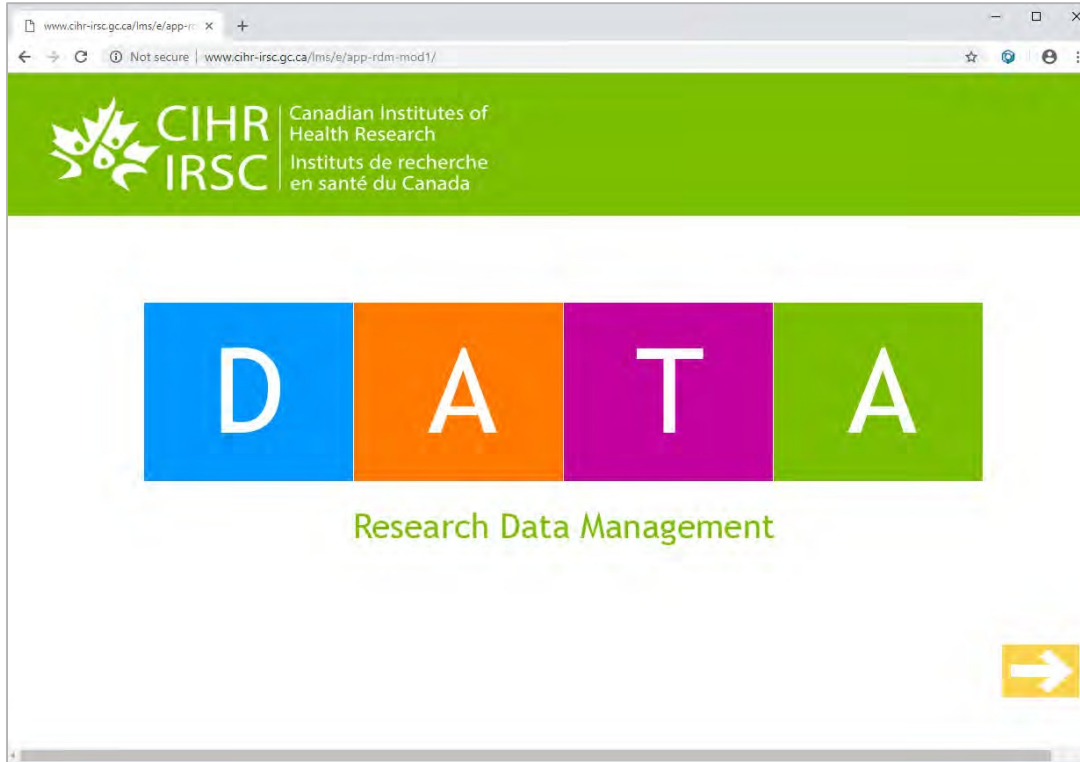


## Training & Support

- RDM learning module



# RDM Learning Module



Developed collaboratively  
with input from key  
stakeholders and experts

Interdisciplinary relevance

French – English bilingual

# RDM Learning Module - Objectives

## Research Data Management

Describe research data management, what it is and why it is important

## Data Management Plans

Describe data management plans, including their components and related considerations

## Portage DMP Assistant

Highlight and demonstrate use of an available DMP tool

# RDM Learning Module - Highlights

## Menu

Click on the menu buttons below to visit each section.

Research Data Management (RDM)

Data Management Plans (DMP)

Portage DMP Assistant

Short Quiz

- Provides an overview of what RDM is and how it contributes to a healthy research ecosystem.
- Introduces learners to the concept of a Data Management Plan.

Give us your opinion  
on this module

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- Provides a detailed description DMPs including descriptions of the key components of a DMP.
- Considerations explored:
  - Data interoperability
  - Data Security
  - Data storage and reuse
  - Ethical considerations in RDM
  - Working with Indigenous peoples' data

# Portage DMP Assistant



# RDM Learning Module - Feedback

- Interest from research data and librarian communities
- Content may be updated pending the release of the final RDM policy (2019)
- We encourage you to share this widely and provide feedback

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**CIHR IRSC**

Canadian Institutes of Health Research  
Instituts de recherche en santé du Canada

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