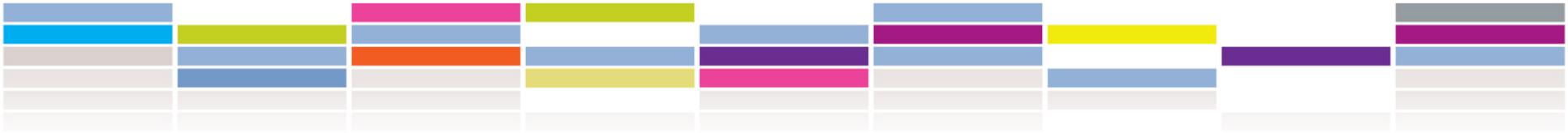


SSHRC  CRSH



# Tri-Agency Data Management Policy Initiative

**Jeremy Geelen, PhD**  
**Social Sciences and Humanities Research Council**  
May 11, 2017

# What are Research Data?

Research data are contents that are used as primary sources to support research, scholarship, artistic activity or research-creation, and that are used as evidence in the research process and commonly accepted in the research community as necessary to validate research findings and results.

# Why Data Management?

Research Excellence

Research Dissemination

Research Impact

Research Best Practice

# International Developments

## Research Funders

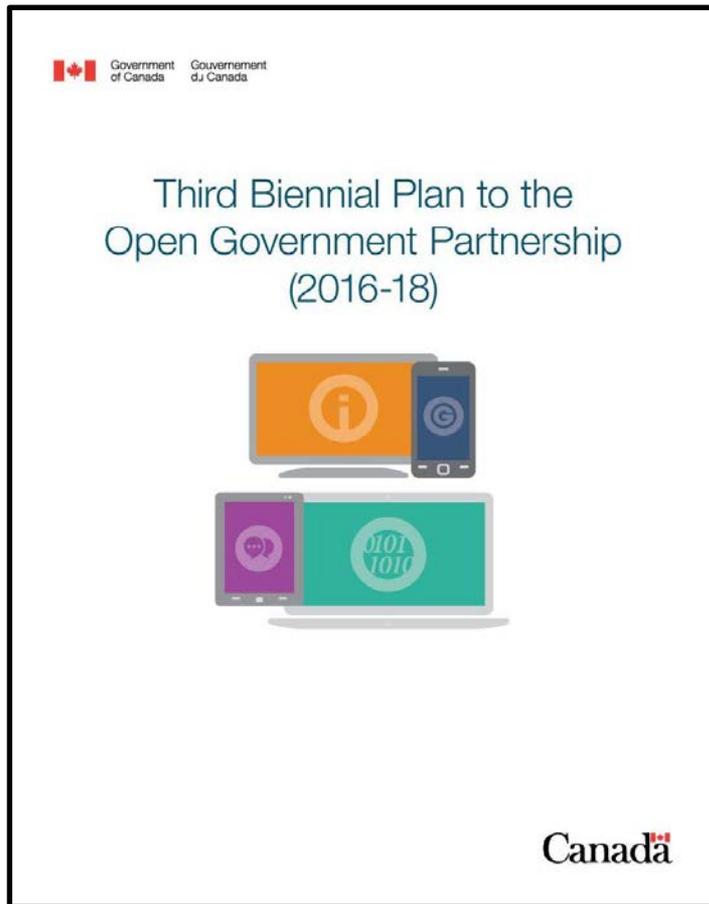
- National Science Foundation
- National Endowment for the Humanities – ODH
- National Institutes of Health
- UK Research Councils
- European Commission
- National Natural Science Foundation of China

## Foundations and Charities

- American Heart Association
- Bill and Melinda Gates Foundation
- Alfred P Sloan Foundation
- Gordon and Betty Moore Foundation
- Open Society Foundations
- Royal Society
- Wellcome Trust
- Cancer Research UK

## Research Institutions

# Government of Canada Directive on Open Government



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# Tri-Agency Policy Development Background

## **2013 - 2014**

Capitalizing on Big Data: Toward a Policy Framework for Advancing  
Digital Scholarship in Canada

Tri-Agency Working Group

Community Engagement

Advisory Committee

Environmental Scan

## **2015**

Draft Tri-Agency Statement of Principles on Digital Data Management

# Statement of Principles on Digital Data Management

Outlines the Agencies' overarching expectations with regards to research data management, and the roles and responsibilities of researchers, research communities, research institutions and research funders in meeting these expectations.

Does not include mandatory requirements.

Aims to establish a common set of principles that will serve as the basis for the development of data management requirements that the Agencies will establish collectively or individually.

# Statement of Principles on Digital Data Management

Feedback Period (July 17-September 4, 2015)

The Agencies received 44 responses during the “feedback period” on the draft *Statement*, from the following groups:

Universities	University Libraries/Librarians
Faculties/Departments	Colleges
Data Service Providers	Research Centres/Institutes
Researchers	Information Technology specialists
Scholarly Associations	NGOs

**Reactions to the Statement were on the whole quite positive**

# Statement of Principles on Digital Data Management

Feedback Period (July 17-September 4, 2015)

Responses did reveal concern, generally pertaining to “realizing” the Statement, the path forward, and the challenges of implementing data management requirements. These concerns include:

Gaps in physical and human capacity; funding needed to address	Applicability of the Statement to the humanities
Researcher awareness of rationale and elements of data management	Balancing disciplinary freedom and interoperability
Guidance on data management best practice	Role of research institutions in ensuring ethics compliance

**The Statement was revised, approved and posted on [science.gc.ca](http://science.gc.ca)**

# Tri-Agency Policy Development Continuing to Engage the Community

## **Spring – Summer 2016**

Conferences and other forums

Congress of the Humanities and Social Sciences

## **Fall 2016 – Winter 2017**

Support to Data Management Planning Survey

Data Management Planning Workshop (with Portage)

Research Data Canada, Research Data Alliance, and others

Funding agency colleagues across the Americas and Europe

**Draft Data Management Policy**

# Draft Data Management Policy

## 1. Institutions: Institutional Strategy

- Each institution administering Tri-Agency funds is required to create an institutional research data management strategy. The strategy will outline how the institution will provide its researchers with an environment that enables and supports world class research data management practices.
- The strategy must be posted and publicly available on the institution's website, with contact information to direct inquiries about the strategy.

# Draft Data Management Policy

## 2. Researchers: Data Management Plans

- Grant recipients are required to create data management plans (DMPs) for research projects supported wholly or in part by Tri-Agency funds. Grant recipients should submit these plans to their institution's research office as a condition of the release of grant funds.
- For specific funding opportunities, the agencies may require DMPs to be submitted to the appropriate agency at time of application; in these cases, they may be considered in the adjudication process.

# Draft Data Management Policy

## 3. Researchers: Data Deposit

- For all research data and code that support journal publications, pre-prints and other research outputs that arise from agency-supported research, grant recipients are required to deposit these data and code in an appropriate public repository or other platform that will ensure safe storage, preservation, curation, and (if applicable) access to the data.

# Community Feedback is Key

Community feedback is essential to inform the final design of the policy and the mode of its implementation.

The agencies consider the draft policy as a proposal through which to advance discussion with the many stakeholders in the research community, with a tri-agency policy as the desired end product.

**ONLINE CONSULTATION IN SUMMER**  
**Visit [science.gc.ca](http://science.gc.ca) or agency websites**

Thank you!  
Merci!

[www.sshrc-crsh.gc.ca](http://www.sshrc-crsh.gc.ca)



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Research Council of Canada

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