Open Access and Research Data Management: Resources for Grant Applications

NSERC Discovery Grant Information Session
June 01, 2016
Open Access to Scholarly Works

Open Data / Research Data Management
Open Access
Open Access

“Open Access (OA) literature is digital, online, free of charge, and free of most copyright and licensing restrictions”

- Peter Suber

“Grant recipients are required to ensure that any peer-reviewed journal publications arising from Agency-supported research are freely accessible within 12 months of publication”

- Tri-Agency Open Access Policy on Publications
Open Access: Two venues for publishing

**OA Journals (“Gold OA”)**
- Immediate OA provided by a publisher (processing fees may apply)
- Directory of Open Access Journals ([doaj.org](http://doaj.org))

**OA Repositories (“Green OA”)**
- Preprints and/or Postprints (before or after copy-editing)
- Directory of Open Access Repositories ([opendoar.org](http://opendoar.org))
- **SHERPA/RoMEO**: Database of publisher copyright policies
Open Access Resources
openaccess.mcmaster.ca

- OA information for researchers
- Customized for McMaster
- Links to the Library’s Open Access Interactive Tool

https://www.youtube.com/watch?v=BPSq_zM5W80
MacSphere (macsphere.mcmaster.ca)

- McMaster’s institutional repository (IR)
- Preservation and sharing for scholarly output at McMaster
- Accepts many formats and outputs (theses, journal articles, data, figures, slideshows, etc.)

[YouTube Video Link: https://www.youtube.com/watch?v=Zrt5zHZfRk4]
Open Data / Research Data Management
Open Data

“Open data and content can be freely used, modified, and shared by anyone for any purpose”

- Open Knowledge International
Canadian Government & Funding Agencies

✧ Canada's Action Plan on Open Government (2014-2016)
✧ Tri-Agency Open Access Policy on Publications (Feb-2015)
✧ Tri-Agency Statement of Principles on Digital Data Management (Jul-2015)
Research Data Management is...

... the **active organization** & maintenance of data

... the **application of best practices** to ensure data security, accessibility, usability, and integrity

... a **set of activities** resulting in self-describing data sets that can be discovered and reused.
Open Data & Research Data Management Resources
Portage DMP Assistant

✧ A web-based, bilingual data management planning tool.
✧ Available to all researchers in Canada.
✧ A guide for best practices in data stewardship.
✧ Exportable data management plans.

https://www.youtube.com/watch?v=zgLkJpJfehQ

https://assistant.portagenetwork.ca/
re3data.org

✧ Registry of research data repositories
Scholars Portal Dataverse

✧ A data repository for researchers at Ontario's universities.
✧ An online platform to share, preserve, cite, explore and analyze research data.
✧ Allows researchers to control how they share their data.
✧ Supports data DOI registration through Datacite Canada.

https://www.youtube.com/watch?v=UDFGqRY61fQ

http://dataverse.scholarsportal.info/dvn/
Where to find more information

Open Access:
✧ openaccess.mcmaster.ca
✧ macsphere.mcmaster.ca
✧ Olga Perkovic (perkovi@mcmaster.ca):
  Research and Advanced Studies Librarian

Open Data & Research Data Management
✧ portagenetwork.ca
✧ library.mcmaster.ca/rdm
✧ RDM@Mcmaster (rdmgmt@mcmaster.ca)
Thank You.

Special thanks to:
- Gabriela Mircea, Digital Repository Librarian
- Olga Perkovic, Research and Advanced Studies Librarian