Hi All. RCAC has already seen a previous draft of the UVic Research Data Management Strategy. In this presentation we want to walk you through the latest draft of the document in some detail, and we welcome any final feedback before we begin town-hall style consultations with researchers from across campus.
You may remember that the policy includes two important dates. By Spring 2022 we expect that Data Management Plans will be required as part of the application process for some competitions. We still don’t know which programs will require them. (e.g. SSHRC Insight / NSERC Discovery).

The second date is March 1, 2023, which is the deadline by which universities must post their Institutional Research Data Management Strategies.

https://science.gc.ca/eic/site/063.nsf/eng/h_97610.html
Institutional Research Data Management Strategy

Purpose

Affirm the importance of research data as an output.

Outline how the institution will provide its researchers with an environment that:
- enables and supports good RDM practices
- helps researchers to comply with research data management policy while respecting legal & ethical obligations
Before the meeting we circulated the latest draft of the UVic Research Data Management Strategy as part of the meeting package. We welcome various kind of feedback.
I want to do a quick walk-through of key sections of the strategy, just to give a quick overview of the content and layout.

The Principles section, near the beginning, lays out a specific set of practices that are essential for good research data management, including data management plans, reliable storage, good documentation, clear agreements around rights and ownership, and training and tools for researchers.
In the next section “Responsibilities of Researchers and Institutional Supports“ we go into more detail on each of these points.
About Data Curation

Data Curation is the documentation, description, and management of research data to produce datasets that are FAIR: Findable, Accessible, Interoperable, and Reusable.

It is a process that sets values to resources by answering how to solve the current and future disciplinary and social approaches to data curation will depend on the characteristics of the data being collected (e.g., fine-tuned data sensitivity) and the repository where it is being deposited.

When you upload research data into Dataverse, Uvic’s Data Curation Librarians will curate and review your dataset in line with the University’s Ethical Guidelines.

For any questions or support with data curation, contact Monique Greiner.

Data Curation 101

The Inter-university Consortium for Political and Social Research (ICPSR) quickly explains the intricacies of the work data processors do every day to find and fix issues in the data, ensuring their long-term availability and value to the research community.
Data Storage

Tri-Agency Requirement: Researchers must store working data in secure, reliable networks that conform to ethical and legal requirements including the BC Freedom of Information and Protection of Privacy Act.

Institutional support: University of Victoria Research Computing will provide support in finding appropriate data storage solutions on national or local infrastructure and provide the cost associated with the specific service. For more information see the UVic Systems Service Catalogue.
https://www.uvic.ca/systems/services/storagebackup/index.php
As I mentioned previously, some TriAgency competitions will soon require data management plans. These basically describe the kind of data that your project will create, how you plan to store and manage it, and whether you plan to deposit and share any of your data. Anyone who goes through the ethics process will already have answered many of these questions.
The policy does indicate that data sets supporting your conclusions in journal publications should be deposited into a repository, but that does not necessarily mean that they have to be share openly. Open sharing of data is encouraged where possible, but is not mandatory in the current policy.
Data Licensing and Data Sharing Agreements

**Tri-Agency Requirement:** Researchers should have clearly documented agreements stipulating the right and responsibilities related to data that is used and produced in a research project.

**Institutional Support:** The [UVic Office of Research Services](https://research.uvic.ca/services) coordinates the development, review, negotiation, and finalization of research contracts and agreements for a wide range of funded and non-funded research. The [UVic Research Partnerships](https://research.uvic.ca/partnerships) team can support the development of data licensing and sharing agreements for researchers who are working in collaboration with industry, government, business, and not-for-profit organizations.
One quick note: Much of the info needed for DMP is also required for Ethics application, so researchers who submit ethics applications will already have most of the info needed for DMP.
The policy recognizes the special status of Indigenous data, and clearly states that OCAP principles should apply to all data that are co-created with Indigenous communities. Data management plans will be informed and approved by community stakeholders, and requirements for data deposit can be waived.

Typically these kinds of agreements will be subject to Ethics approval, but this is an area where we really need more consultation to understand how UVic processes and infrastructure can be improved to support the storage and curation of Indigenous data, and to understand how data sovereignty can be implemented in practice. Rachael and I have reached out to Indigenous leaders and researchers on campus, and are hoping to strike a committee to dig into these questions.
UVic Research Data Management Strategy

Outreach

Survey to Assess UVic Data Management Practices (Nov 2019)
Consultation with Research Computing Advisory Committee (Dec 2021)
Consultation with Research Advisory Committee (Jan 2022)
Consultation with Research Advisory Committee (Mar 2022)
Three Town Halls – SSHRC, NSERC, CIHR (Spring 2022)
Establish a network of experts across campus to contribute to the support for the key disciplinary areas.
Establish a committee to make recommendations on Indigenous data storage and curation.
UVic Research Data Management Strategy (Draft)

Goals for Today

Feedback from UVic researchers on the current draft.
  - Easy to understand? Useful?
  - Sufficiently detailed?
  - What’s missing?

Feedback from UVic researchers on specific RDM pain points.
  - Where is more support needed?

Feedback from UVic researchers on consultation process.
  - Who else should we talk to?

Send your thoughts to rdmstrategy@uvic.ca