Research Data Managing explorations @ the Library

Presentation to UBC IT Managers

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Data Management importance

NSF to Ask Every Grant Applicant for Data Management Plan
Science, May 5, 2010

Scientists seeking funding from the National Science Foundation (NSF) will soon need to spell out how they plan to manage the data they hope to collect. It's part of a broader move by NSF and other federal agencies to emphasize the importance of community access to data.

http://news.sciencemag.org/scienceinsider/2010/05/nsf-to-ask-every-grant-applicant.html

Data Management importance

- Right now in Canada (and UBC), the vast majority of research data is being lost

- A study of Social Sciences and Humanities Research Council funded research projects found that only 3 out of 110 studies had archived their data in a repository, and those 3 were all housed in the US

Humphrey, C. "Preserving research data: A time for action". In Preservation of electronic records: new knowledge and decision making. 2003. Canadian Conservation Institute: Ottawa. pg. 83-89.
Humphrey. C. "Preserving research data: Where are we now?" DLI-ACCOLEDS 2007, Malaspina University-College, Nanaimo, BC. Retrieved 5/11/2010, 2010, from https://ozone.scholarsportal.info/handle/1873/8658

Why saving and opening the data to the world?

- Open data frequently serves as a starting point for new research

- It is possible to re-purpose the data in various ways not envisioned by the creators

- Researchers are more and more mandated to save their data by their granting agencies

- Open data is also sustainable, less energy is required to do research, no need to re-collect the data…

UBC Strategic Plan

- **Be a world leader in knowledge exchange and mobilization.**

- **Develop a campus strategy for making UBC research accessible in digital repositories, especially open access repositories.**

- http://strategicplan.ubc.ca/the-plan/research-excellence/

UBC Library Strategic Plan

- Increase the impact of UBC research by making it widely available in open access digital repositories

- Be a leader in developing and promoting open access and open source methods and tools

- http://www.library.ubc.ca/strategicplan/10-15/StrategicPlan_2010_FINAL.pdf

UBC Institutional Repository - cIRcle

- https://circle.ubc.ca/

- Almost 24,000 items and growing – dissertations, faculty publications, conferences and much more…

Why we are here today?

- Library has a working group on research data management

- We are exploring the area

- We will appreciate learning from you about your specific data management issues

- Questionnaire - http://www.surveyfeedback.ca/surveys/wsb.dll/s/1g698

Next Steps...

- We plan to use your comments and interview a few UBC researchers to learn more about their data needs

- We plan to conclude our work in September 2010 and submit our short report to the library management group

- We hope that this discussion will potentially evolve into a collaboration between various campus partners

Contacts:

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