



2022 Funded RDM and Training Projects

Projects will be completed by March 31, 2023

<p>Drs. Michelle Edwards, Lucas Alcantara Carly Huitema (University of Guelph)</p>	<p>This project will offer a series of four workshops to train research data users in:</p> <ul style="list-style-type: none">• Metadata creation to ensure new data and their associated dashboards are Findable• Understanding the importance of data reusability and how to grow a FAIR data culture• Basic R programming skills for data tidying• Advanced research computing skills (R Shiny) needed to develop an interactive data explorer dashboard focused on improving data reusability and discovery
<p>Drs. Helen Chen, Catherine Burns, Zahid Butt, Plinio Morita, William Wong (University of Waterloo); Dr. Alan Forster (Ottawa Hospital)</p>	<p>This project will use chimeric antigen receptor T cells (CAR-T) therapy data as a case study with the goal of tackling the following three research questions:</p> <ul style="list-style-type: none">• How to generate and curate useful FAIR synthetic CAR-T data at cohort level to represent a complex patient population, while preserving privacy in synthetic data and training federated learning• How to address and manage synthetic data and metadata needs and issues related to data ingestion, transformation, and preservation in the RDM workflow and process• What policy changes are needed for data governance of sharing FAIR health synthetic data in Pan-Canadian networks
<p>Kate Davis, Nana Boateng, Alicia Urquidi Diaz, Amber Leahey, Bart Kawula, Victoria Lubitch, Guinsly Mondesir, Hafsa Hujaleh (University of Toronto)</p>	<p>This project will integrate ODESI, a collection of statistical data maintained by the Ontario Council of University Libraries (OCUL), with Borealis, the national research data repository, to create a single site for shared, open repository and curation infrastructure, reducing duplication and improving workflows for both library-created and researcher-deposited data collections.</p>

<p>Dr. Christina DeRoche (Canadore College), Oliver Goodison-Powell (Conestoga College), Dr. Timothy Larocque (Confederation College), Dr. Brett Goodwin (Fleming College), Donna Sevenpifer (Fanshawe College), Dr. Vicki Mowat (Sheridan College)</p>	<p>This project aims to enhance overall learning and RDM development within the Colleges by linking College Research Administrators and staff within Research offices to College Librarians and resources that would support the development of institutional strategies and capacity building. Further, this project supports building college specific resources that could be easily accessed by all researchers within the college system and further sustained through the Heads of Applied Research Data Subcommittee in Ontario.</p>
<p>Drs. Barbara Fallon, Dale Turner, Dylanne Dearborn (University of Toronto)</p>	<p>This project will embark on a series of engagements to provide the University of Toronto research community with access to resources, support and training for RDM that reflects the diverse scholarship at the University of Toronto. The project will reflect the commitment to respecting Indigenous data sovereignty, recognition of Indigenous knowledge systems and the need for co-development of research partnerships, processes and tools. The project will also raise awareness of existing resources, identify gaps and the development of processes and tools that are consistent with community-driven principles (such as Ownership, Control, Access and Possession (OCAP) and Collective Benefit, Authority to Control, Responsibility, and Ethics (CARE)) is central to this project.</p>
<p>Art Rhyno, Dr. Berenica Vejevoda, Dr. Paul Preney (University of Windsor)</p>	<p>This project proposes three JupyterHub training workshops and an associated Codefest event to help the University of Windsor build capacity for using Jupyter notebooks in support of advanced computational work and to assist the university in furthering its institutional RDM strategy goals by surfacing RDM services and RDM-supportive infrastructure in a JupyterHub environment.</p>
<p>Dr. Gregory Vey, Waleed Ashfaq (University of Waterloo)</p>	<p>This project involves the development of an interactive data visualization designed to improve discoverability and reusability of polar metadata and data at the Polar Data Catalogue2. It will produce a direct increase in the utilization of polar metadata and data, thereby enhancing the activities of researchers and policy makers, as well as many other stakeholders and interested parties; and it will provide reusable deliverables intended to serve as adaptable examples for achieving data harvest and visualization capabilities required to support research computing and software efforts.</p>