



Research  
Manitoba



**CANADIAN  
FOUNDATION  
FOR INNOVATION  
PROGRAM**

**2023**  
**INTERIM REPORT**

## Introduction

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The information provided in this Interim Report allows Research Manitoba to assess the outputs, outcomes, and impacts resulting from the research project. By collecting this information, Research Manitoba is able to:

- Inform internal and external decision makers (e.g., Research Manitoba Board of Directors) about the ongoing performance of funded projects and programs to ensure they are aligned with the strategic goals and objectives of the organization.
- Strengthen the quality and impact of existing programs as well as identify opportunities for new programs.
- Produce reports with required information requested by the Province of Manitoba

The information collected in this report will be kept confidential by Research Manitoba staff and reported in unidentifiable, aggregate form. All data collected will be stored on Research Manitoba's secure servers and deleted four years after being collected.

In some instances, Research Manitoba may decide to highlight a particular researcher(s) and/or project(s). However, for those instances, the researcher(s) or project leads will be contacted to ensure consent to share any identifiable information. Ultimately, no identifiable information will be shared without permission of the recipient.

Each section in this Interim Report is a separate reporting component. Each component must be addressed. If you have nothing significant to report for a particular question or item, state "Nothing to Report". If there is inadequate space to provide your response, please send the content in a PDF to the Manager of Evaluation and Impact, [ryan.catte@researchmb.ca](mailto:ryan.catte@researchmb.ca).

The following survey should take approximately one hour to complete.

If you require any assistance, please contact our help desk at: [helpdesk@researchmb.ca](mailto:helpdesk@researchmb.ca).

## **SECTION 1. PROJECT INFORMATION**

In this section, we will provide information about the report and request information about the project (e.g., confirming contact information, end date of the project, and dates reflective of the information contained in the report).

### **1.1 Please provide the following information:**

- Recipient Name and Title

- Recipient Contact Information (e-mail address and phone number)

Preferred Phone Number:

Preferred Email:

- Recipient Institution/Organization

- Project Title

- Grant Program Name

Choose an item.

- Primary Research Discipline

Choose an item.

- Secondary Research Discipline

Choose an item.

- Priority Sector

Choose an item.

- Date Grant Received

Click or tap to enter a date.

- Amount Awarded

- **Project Start**  
Click or tap to enter a date.
- **Project End Date**  
Click or tap to enter a date.
- **Reporting Period Start Date**  
Click or tap to enter a date.
- **Reporting Period Start Date**  
Click or tap to enter a date.

## 1.2 Equity and Diversity

The purpose of this section is to collect self-identification data as it is a central piece of Research Manitoba's commitment to Inclusion, Equity, Diversity, and Accessibility (IDEA) within our service delivery model, and to fulfill our reporting responsibilities to the Province of Manitoba. This data provides information on the diversity of the population receiving Research Manitoba funds. This information increases our capacity to monitor progress on increasing IDEA in our programs, recognize and remove barriers, and design new measures to achieve greater IDEA in the research enterprise.

The information collected is kept confidential by Research Manitoba staff and only used in unidentifiable, aggregate form. Self-identification information will neither be accessible to, nor shared with, external reviewers, and will not influence any future applications. All data collected will be stored on Research Manitoba's secure servers and deleted four years after being collected.

If you do not want to self-identify, you have the option to choose "I prefer not to answer" for each question. We also recognize that this is not a complete list of options for diversity, equity, and inclusion or reflective of how individuals would describe themselves.

Do you self-identify as one or more of the following?

- **Women Entrepreneurs:** An individual that self-identifies as a woman or a group of women who initiate, organize and run a business concern. Please select from the list of options below:

Choose an item.

- **Young Entrepreneurs:** An individual that is between the ages of 25 and 35, while receiving support from this research project and organizes and runs a business concern. Please select from the list of options below:

Choose an item.

- **Indigenous Manitobans:** An individual that self-identifies as First Nation, Métis or Inuit, or any combination thereof. Please select from the list of options below:

Choose an item.

- Newcomers to Manitoba: An individual that first obtained their landed immigrant or permanent resident status between January 1, 2017, to January 1, 2022.

Choose an item.

- Francophone Community: An individual that self-identifies French as their first official language spoken.

Choose an item.

- Youths: An individual that is 25 and under while receiving support to conduct or contribute to this research project.

Choose an item.

### **1.3 Summary of Project Progress**

Please provide a general overview of the research conducted with the Research Manitoba grant support, and what you achieved with this research.

In your response, please use language that can be understood by a layman person.

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## **SECTION 2. RESEARCH INFRASTRUCTURE**

The questions contained in this page are intended to confirm the type(s) and general information about the research equipment funded with this grant.

**2.1 Please use the options below to identify the type of research infrastructure funded with this grant. If more than one of the options below apply, please use the space below to identify them.**

Choose an item.

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**2.2 How many years of useful life is the infrastructure purchased through this grant expected to have?**

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**2.3 Please use the options below to identify to what extent the infrastructure has been utilized.**

Choose an item.

Please provide an explanation for the option you selected above in the space below.

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### **SECTION 3. PROJECT COLLABORATIONS**

This section is intended to verify the individuals and organizations that are key contributors to the project.

#### **3.1. Who worked on the project?**

In the space below, please identify all of the individuals for whom the infrastructure was a key resource for either completing a research project and/or their graduation requirements. For each individual, use the following format:

- Full Name
- Role
  - Principal Investigator and Co-Investigators
  - Staff (e.g., Research Associate, Research Assistant, Program Manager, etc.)
  - Internal and External Collaborators that helped complete the project and/or produce a research output/outcome
  - Students by degree (undergraduate, master's, PhD, postdoctoral)
- Brief description of the role on the project
- Time involved in the project - DD/MM/YYYY to DD/MM/YYYY
- Indicate if the individual has been recruited to Manitoba and if so, from what other province or country
- Indicate if the individual was a first-time user of the research infrastructure or not

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#### **3.1.1 Of the students listed above, how many completed their training and/or degree?**

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#### **3.1.2 Of the students listed above, how many:**

- Pursued further post-secondary education at a Canadian post-secondary institution?
- Pursued further post-secondary education at an international post-secondary institution?
- Found employment at a post-secondary institution?
- Found employment in the private sector?
- Found employment in the public sector?
- Found employment in the not-for-profit sector?
- Found employment outside of Canada?

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### 3.2. What other organizations are involved as partners?

In the space below, please itemize all of the organizations that utilized the infrastructure funded by this grant. For each organization use the following format:

- Organization name
- Brief description of the organization
- Brief description of the organization's use of the infrastructure
- Time frame for utilizing the infrastructure - DD/MM/YYYY to DD/MM/YYYY



## **SECTION 4 – Research Outputs, Outcomes, and Impacts**

This section of the report is intended to verify the results of the research project.

**4.1 Please use the space below to identify all publications resulting from the work under this grant (e.g., peer-reviewed journal article, books, technical reports, reference/training material). For each publication use the following format:**

- Author(s)
- Title
- Journal and volume or publisher (include page numbers if applicable)
- Year
- Status of publication (published; accepted, awaiting publication; submitted, under review; other)
- Notable metrics (e.g., number of citations, downloads, views, etc.)
- Digital Objective Identifier (if applicable)

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**4.2 Please use the space below to identify online content resulting from the work under this grant using the following format:**

- Platform (e.g., website, social media site, video, infographic)
- URL
- Short description of content
- Notable metrics (e.g., number of views, downloads, shares, etc.)
- When the content was made available online - DD/MM/YYYY

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**4.3 Please use the space below to identify any inventions, technology, products, patents, trademarks, industrial designs, copyrights, licensing agreements, and/or spin-off companies resulting from the work under this grant. Itemize each outcome using the following format:**

- Outcome (e.g., invention, patent, licensing agreement)
- Short description of outcome
- When the outcome was realized (e.g., a patent was filed or a spin-off company was incorporated) - DD/MM/YYYY

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**4.4 Please use the space below to identify any other outputs/outcomes from the research project such as but not limited to: databases, software, educational material, instruments/equipment, standards of practice, policies, organizational guidelines).**

- Output/Outcome (e.g., databases, software, educational material, instruments/equipment, standards of practice, policies, organizational guidelines, etc.)
- Brief description of output/outcome
- When the output/outcome was realized (e.g., year the database was completed, software was shared on an open-source website, etc.) - DD/MM/YYYY

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**4.5 In the lines below, itemize all the funding received in support of the research project or because of the project. For each funder, please include the funder and amount of funding provided (e.g., Canadian Institute for Health Research - \$100,000). If the amount of funding is being provided over a number of years, then please include the total funding provided as well as the number of years the funding will be provided (e.g., \$25,000 over four years for a total of \$100,000).**

Funding Organization	Funding Amount (\$)

**4.6 Please use the space below to itemize all activities disseminating the results of the research project resulting from the work under this grant. For each dissemination activity, use the following format:**

- Dissemination activity (e.g., presentation, keynote speaker, interview, etc.)
- Audience (e.g., general public, decision makers, research colleagues, etc.)
- Date of activity - DD/MM/YYYY
- Notable metrics (e.g., number of attendees, views, shares, etc.)

**For this question, please also note which of the dissemination activities you believe to be the most significant and why.**

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**4.7 Please identify the impacts on training and/or skills development by individuals contributing to this research project from the following list:**

- Critical Thinking
- Written Communication
- Verbal Communication
- Qualitative Analysis
- Quantitative Analysis
- Research Design, Methodologies, and/or Implementation
- Interpersonal
- Leadership
- Teaching and/or Mentoring
- Project Management
- In the space below please identify any other skill not listed above as well as specialized skills, if applicable, such as machine learning, advanced manufacturing and design, clinical treatments, etc.

**4.8 What was the achievement(s) that occurred as a result of this project?**

**When completing this question, please include a description of the impact(s) of this research achievement(s) on the principal discipline and/or other disciplines, if applicable.**

**In your response, please use language that can be understood by a layman person.**

**4.9 Describe how the outputs/outcomes from the project made an impact, or are likely to make an impact, beyond the bounds of science, engineering, and the academic world on areas such as:**

- Improving public knowledge, attitudes, skills, and abilities;
- Changing behavior, practices, decision making, policies (including regulatory policies),
- Social actions; or
- Improving social, economic, civic, or environmental conditions.

## **SECTION 5 – Final Thoughts**

The purpose of this section is to provide an opportunity to share any other important information about the project that has not already been captured.

### **5.1 What have been the most significant factors limiting the quality and impact of the research project funded through this grant?**

- Acquiring equipment and becoming operational (e.g., problems with suppliers, delays, technical and scientific challenges, customizing equipment)
- Space-related issues (e.g., limitations, allocation, suitability, delays in construction and renovation)
- Updating and upgrading of equipment
- Funding/Support for operation and maintenance of infrastructure (e.g., wear and tear, repair, service contracts)
- Funding/Support for research operating costs (e.g., students, staff, salaries, consumables, travel)
- Administration of funds
- Recruitment/Retention of technical and professional personnel
- Recruitment/Retention of students
- There are no significant limiting factors
- Other (please specify in the space below)

### **5.2 Please provide any additional information that you think would be beneficial for telling the story of the value of the research project not discussed, as well as any next steps for this project (e.g., seeking additional funding, collaborating with other researchers, etc.), if applicable.**