



Research  
Manitoba

# *Accelerating Innovations for Aging and Brain Health*

## Program Guide

## Program Application Requirements

In addition to the questions within the GMS, the following sections (starting on page five) must be completed and included as part of the Project Proposal section. Please complete them in their entirety and save the document as a pdf.

### **1. Purpose**

The Accelerating Innovations for Aging and Brain Health program, jointly funded by Research Manitoba and Centre for Aging and Brain Health Innovation (CABHI), provides support to the health system in Manitoba to work with researchers and innovators to generate evidence required to support adoption of new innovative technology solutions that address challenges associated with aging and brain health, including dementia and other neurodegenerative diseases. This program is an opportunity for Health System Providers in Manitoba to test and evaluate innovative technology built by an Innovative Solution Provider in a real-world environment to accelerate uptake of senior care innovations in the province. The project must focus on evaluating the application and impact of the solution in seniors' care settings and have a clearly articulated plan for scale and spread beyond the test sites. The Health System Provider must partner with a researcher in Manitoba and an Innovative Solution Provider to receive up to \$200,000 in matching-fund support per project. Innovations must have the potential to benefit the health of people living with dementia in Manitoba and across the world. Projects may include solution evaluation with Indigenous populations and individuals in rural and remote areas.

### **2. Eligibility**

- i. For 2018-2019, the Accelerating Innovations for Aging and Brain Health program is focusing on the following priority innovation themes. All projects considered for funding must focus on one or more of the following themes:
  - a) **Aging in place:** solutions that enable older adults with dementia to maximize their choice, independence, and quality of life to enable aging in the most appropriate setting.
  - b) **Caregiver support:** solutions that support caregivers (formal and informal) providing care to older adults with dementia.
  - c) **Care coordination and navigation:** solutions that help older adults, caregivers, and healthcare providers coordinate care and transitions for older adults with dementia.
  - d) **Cognitive health:** solutions that focus on promoting brain health, the prevention of brain disease, early diagnostics, and slowing the progression of cognitive impairment for older adults.
  - e) **Aging Indigenous and rural populations:** solutions that address aging and brain health challenges particularly focusing on indigenous population and individuals in

rural and remote areas.

- ii. The applicant must be a Health System Provider based in Manitoba with a good financial standing and sufficient resources to complete an operational trial in 12 months.
- iii. The Health System Provider must partner with a researcher based in Manitoba and an Innovative Solution Provider providing the product or service to be tested. Please note that:
  - a) The Manitoba based researcher must have an appointment at a Manitoba University.
  - b) Preference will be given to projects with an Innovative Solution Provider based in Manitoba.
- iv. The Innovative Solution Provider must have all licensing and certifications necessary for trial prior to project start.
- v. The solution (product) must be ready for use in an operational setting in its current form.
- vi. The Innovative Solution Provider must intend to make the solution commercially available once the trial is completed.
- vii. The solution must be innovative in that they:
  - a) Displace existing solutions;
  - b) Significantly enhance the effectiveness of existing solutions, or;
  - c) Involve revolutionary technology that substantially alters care delivery.
- viii. Projects must focus on generating evidence required for health system decision makers to support adoption, scale, and spread.
- ix. Projects cannot involve:
  - a) Basic research
  - b) Primarily academic goals
  - c) Capital investment in a portfolio of intellectual property, pharmaceutical clinical trials, or incubators or startups.
- x. Applicants may only submit one application for consideration.

### **3. Funding**

- i. Two successful applicants will be funded for up to \$200,000 of matching funds from Research Manitoba and CABHI.
- ii. Research Manitoba and CABHI together will contribute a maximum of 50% of eligible project costs.
- iii. Research Manitoba and CABHI funding must be matched equally by the not-for-profit Health System Provider and other project participants through either in-kind or cash contributions.
- iv. A minimum of 25% of eligible project costs must be provided by the Innovation Solution

- Provider. This 25% contribution from the solution provider cannot include the cost of the product that is being tested or evaluated.
- v. The project will be undertaken at the Health System Provider location (trial site). Funds will flow directly to the Health System Provider and be spent on costs directly relating to the pilot evaluation.
  - vi. Projects must commence by April 2019 and last for a maximum of 12 months. All funds must be spent by **March 31<sup>st</sup>, 2020**.

#### **4. Application Process**

- I. Consider whether you meet the eligibility criteria (outlined above). If applicants have any questions about their eligibility, they are encouraged to contact the Manager, Programs before submitting an application.
- II. Applications must be submitted through Research Manitoba's online Grants Management System (GMS). For support on how to start a GMS account, please see the [GMS User Guide](#).
- III. To apply, login to the GMS and access the Accelerating Innovations for Aging and Brain Health.
- IV. Be sure to carefully complete the questions within the GMS and the additional requirements as outlined in Program Application Requirements below to be attached within the Project Proposal section of the application.
- V. All uploaded documents need to be in PDF format. Only one document can be uploaded to each upload link. So, if you have more than one document, make sure that you scan all your documents to one PDF for uploading.
- VI. Obtain Institutional approval by printing off the signature page of the application and uploading to your GMS application.

#### **5. Dates and Deadlines**

- Application available in the GMS: Wednesday, November 28, 2018
- Application deadline: **January 29<sup>th</sup>, 2019 at 4:00 PM CST**
- Results available: By end of February 2018
- Project start date: April 2019
- Projection completion: Up to 12 months from April 2019

#### **6. Additional Rules and Obligations**

- I. Research Manitoba and CABHI will not obtain any ownership rights to the intellectual property associated with the product or service, but will retain the right to disseminate the results of the testing.
- II. Research Manitoba and CABHI reserve the right to select proposals that represent a distribution of projects across the 2018-19 CABHI innovation themes.

- III. Research Manitoba and CABHI may terminate negotiations or invite an alternate applicant to engage in negotiations if a contract is not signed in a reasonable amount of time (at the sole discretion of Research Manitoba and CABHI).
- IV. Research Manitoba and CABHI reserve the right to decline any application and to modify or annul this Program at any time, without incurring any liability.
- V. If and when the product or service is commercialized, the selected company providing the product or service must agree to make it available to CABHI and participating health system providers at a reduced rate below fair market value or most favored nation pricing.

## Program Application Requirements

[Click here to access Research Manitoba's GMS](#)

In addition to the questions within the GMS, the following sections (A-F) are to be completed and included as part of the Project Proposal section. Please complete them in their entirety and save the document as a pdf. The attachment to the application is to be completed using 12-point font. Margins should not be less than 0.5 inches on all additional pages provided. Upload the entire pdf into the GMS for submission by the **January 29<sup>th</sup>, 2019 4 PM (CST)** deadline.

Please contact Research Manitoba if you have any questions.

### **A. Innovative Solution Provider (ISP)**

By signing below, the ISP is confirming that it will participate in the project as described in the application requirements and provide the stated contributions as described in section 4 of this application. The ISP also hereby agrees to provide Research Manitoba with any requested information to verify the contribution value and to participate in regular project status updates and any post-project surveys or evaluation processes with Research Manitoba to measure the outcomes and impacts of the project in relation to the company's growth including financial, product development and/or sales, employment metrics, etc.

1. Legal Company Name:
2. SME Project Contact Name:
3. SME Key Contact Title:
4. Year Company was Registered:
5. BN Number:
6. Mailing Address:
7. Phone Number:
8. E-Mail Address:
9. President or CEO's Signature x \_\_\_\_\_

## **B. Relationship to ISP**

Describe any prior relationships between the ISP and the project team members and/or potential conflicts of interest that could be perceived and how they will be managed.

## **C. Collaborators**

List any anticipated Collaborators. Use additional pages if necessary. The signature of each collaborator is required to indicate their willingness to participate in the proposed activities.

Collaborator's Name:

- Title and Affiliation:
- Area of Expertise:
- Signature x \_\_\_\_\_

## **D. Pan-Provincial affiliations (if applicable)**

Please identify any provincial teams/networks/initiatives involved in the development and implementation of this proposal:

Name of Group Involved:

- Lead/Co-Lead's Affiliation to Group:

## E. Budget

### 1. Estimated Budget Information (Total Budget Breakdown by Expense)

Please refer to the [Eligible Expenses Guideline](#) for allowable costs and expenditure guidelines.

	Funds Request from Research Manitoba & CABHI (max 50% total project budget)	SME Contributions (min 25% total project budget)		Other Contributions	
		Cash	In Kind	Cash	In Kind
1. Data Analysts	\$	\$	\$	\$	\$
2. Management/ Administration	\$	\$	\$	\$	\$
3. Other personnel	\$	\$	\$	\$	\$
4. Equipment	\$	\$	\$	\$	\$
5. General Supplies	\$	\$	\$	\$	\$
6. Travel	\$	\$	\$	\$	\$
7. Other Costs (list) i) ii) iii)	\$	\$	\$	\$	\$
Total (items 1 to 7)	\$	\$	\$	\$	\$
<b>Total Project Budget</b>				\$	

### 2. Estimated Budget Information (Annual Budget Breakdown by Source)

Please refer to the [Eligible Expenses Guideline](#) for allowable costs and expenditure guidelines.

	Year 1	Year 2	Total
<b>Funds Request from Research Manitoba &amp; CABHI</b>	\$	\$	\$
<b>SME Contributions (Cash + In Kind)</b>	\$	\$	\$
<b>Other Contributions (Cash + In Kind)</b>	\$	\$	\$
<b>Annual Total</b>	\$	\$	\$

### **3. Budget justification**

Provide a detailed breakdown of each budget line, who is incurring the cost and which funding source (Research Manitoba/CABHI, applicant's or partner's) will be used to cover the cost. Provide a clear justification of the budget ask, including the other contribution details. Strong justification for the valuation (how this is calculated) of the in-kind contribution by the ISP and others (if applicable) is required.

### **F. Project Description**

Attach a clear description of the proposed Project in no more than eight (8) pages. **See the Research Manitoba Program Guide** to ensure the proposal addresses the Evaluation Criteria and guiding questions.

In your description, please be sure to outline how your proposal will meet the objectives outlined for Research Manitoba and ensure you address the following:

- **Strategic Alignment (max 2 pages):** Clearly describe how this project is in line with the Innovation Theme areas, and the priorities of Manitoba's health care needs. Clearly identify the current state of the problem in Manitoba the proposed project will address in terms of prevalence, costs, and quality of care. The proposal should demonstrate how the technology is anticipated to address the above stated problem and affect disease pathways or workflow to improve the quality of care for Manitobans relative to existing standards of care. A summary of the clinical evidence to date of the technology should be provided. Explain why the particular technology was chosen in this project over other competing technologies (a thorough review of competing technologies should be included). Explain how innovative, unique, or breakthrough the solution proposed is and why the health system is likely to adopt this technology in the near future based on the evidence generated by the project;
- **Methodology & Deliverables (2-4 pages):** The proposal should identify clear measures to evaluate the SME technology's performance compared to a competitor product and/or the standard of care on patient outcomes, expected impact on operations, other technology that could be displaced, and patient care. Provide details on the research methodology used, number of participants, and statistical methods that will be utilized. The proposal should clearly describe how the project will be implemented, timelines, milestones, and how and what data and metrics (and the rationale for using those metrics) will be collected. Provide a clear list of deliverables as a result of completing the proposed projects and how those deliverables will inform the path to procurement of the technology. The deliverables should include what the health outcomes of the technology was relative to the standard of care or comparator product and the anticipated operational impact within the health system of the product or technology, including costs of operating the technology (accounting for any additional personnel and infrastructure costs);

- **Feasibility, Governance, Sustainability (max 2 pages):** Describe the team's ability to complete the proposed project given the available resources, health system related obstacles, data required, and timelines. Describe how the team is positioned to generate evidence to inform health system adoption beyond the test site(s) and capabilities of championing the evidence generated from the project to decision makers within the broader health system. Provide an overview of the partnerships involved, other funding/contributions, and engagement with relevant operational decision makers (e.g. zone leaders, procurement, IT, privacy office, etc.). Describe the role and responsibilities of the parties involved, project governance and oversight and how next level decision makers are engaged in the project. **It should be clear from the proposal that the applicants have engaged all relevant decision makers and have designed the study to assess and address their respective needs, so projects are positioned for next stage adoption.**

A **maximum of eight (8)** pages is permitted for this section, not including references. As a single appendix, you may attach a **maximum of three (3)** additional pages that include figures, charts, tables, graphs, surveys/questionnaires. All figure/chart/table/graph legends are to be limited to five lines. This section is to be completed using 12-point font, and all margins should NOT be less than 0.5 inches.