

The HealthTech Home

Call for Expressions of Interest

Deadline for submission: December 18th, 2022

Project Inquiries: admin@healthcities.ca

Website: <https://bit.ly/3e5aMoL>

Organization Profiles

The Brenda Stafford Foundation is a registered Canadian charitable organization established in 1975. The Foundation's core operations are in seniors' care, owning and operating five continuing care communities in and around Calgary, AB, and with a strategic focus on research and innovation in seniors' health and wellness. The Foundation also operates local charitable programs to serve women and children fleeing domestic violence and families at risk of homelessness, as well as international charitable programs for vulnerable populations in need of health services in underserved regions of the Caribbean.

www.theBSF.ca

Health Cities is a Canadian not-for-profit corporation that works with clinicians, innovators, philanthropic organizations, and companies to develop new models of care that can drive better health outcomes and economic growth in the health sector. Our focus is on transforming innovations from our health sector into solutions that have commercial application and global relevance, adopting them for impact locally and scaling them for export to global markets.

Visit healthcities.ca for more information.

Introduction & Project Description

The HealthTech Home project, an initiative from The Brenda Stafford Foundation (BSF) and Health Cities, aims to address pressure on health systems by integrating and validating consumer technology and innovative health solutions in a residential setting.

As the largest generation of Canadians, the Baby Boomer Generation, reaches the senior age demographic, aging at home has become a priority in the health sector. Recent studies have shown aging at home can lower the cost to the health care system while enabling older adults to remain safe, independent, and connected to their homes and communities. However, understanding the technology required to support older adults to age at home is not always a straightforward selection, as many products are costly or do not integrate directly with existing consumer or health systems.

The HealthTech Home project creates a sandbox environment deployed within a BSF-owned condo unit for independent older adults that is connected to one of their continuing care homes. Health technology solutions are selected and installed to monitor the health of an independent-living condo tenant over the course of one year in an effort to slow, or reverse, any decline in health, and to aid aging in place. The selection, implementation, and evaluation of technology will build a framework that supports aging in place. Currently, little framework exists to inform technology implementation for aging care in a residential setting.

In addition to validating consumer and health technologies, this project has established the HealthTech Home Innovation Council, the first group of its kind. The Council, comprised of key stakeholder groups, will meet regularly to share results and review outcomes to inform policy and funding decisions. Once a technology has been validated within the project, the Council will assist with scale and deployment to ensure greater impact.

Project Timelines

One - two technologies will be chosen per implementation cycle.

Implementation Cycle*	Details	Proposed Timelines
Cycle 1	Technology is onboarded with tenant and monitored/evaluated over the course of 60-90 days.	Q1 2023
Cycle 2		Q2 2023
Cycle 3		Q3 2023

At least three cycles will be completed, though it is expected that additional cycles will be completed depending on the type of technology and partners. Timelines may be adjusted based on capacity and complexity of implementations.

Selection Criteria

All Expressions of Interest from SMEs will be evaluated based on the following:

1. Early-stage companies, startups or SMEs that meet the selection criteria. Preference is given to Alberta companies, but others are welcome to apply. An experienced management team and financial resources to commercialize their product will be considered an asset. Companies that are seeking business opportunities in Alberta will also be considered.
2. Technology that has high potential or is ready for commercialization and usage by health care professionals, patients, and/or end-users. Technologies with initial market traction will be considered an asset.
3. Technology that is focused on solving problems in the areas of:
 - a. **Memory/cognition**
 - b. **Mobility**
 - c. **Prevention (healthy aging)**
4. Technology with high potential for improved health and economic outcomes.
5. Early stage, start-up or SMEs that are active or have had recent discussions with buyers and end-users regarding procurement will be considered an asset.

EOI's or any questions can be sent to admin@healthcities.ca

Expression of Interest

Interested SMEs are encouraged to submit an Expression of Interest (EOI) to Health Cities by no later than December 18, 2022 for consideration for the first implementation cycle beginning in the first quarter of 2023. The EOI should be a maximum of **three pages** (excluding appendices), single spaced, size 12 font, outlining the following:

1. Company overview, including identification of key members of the management team, and team members (part- and full-time).
2. Proposed value proposition for the technology compared to current standard of care or unmet clinical need. The target population expected to benefit from the technology, as well as

the clinical care pathway, and key stakeholders should be identified. Keep in mind the priority areas of cognition/memory, mobility, and prevention/healthy aging.

3. Technology technical overview, trials/usage of the technology to-date (if any), and current state of evidence for the technology's safety, efficacy and effectiveness (if any).
4. A summary of financial strategy/strength to commercialize a product (e.g., available internal resources, funding, investment or loan upon receipt of purchase order, etc.).
5. Completion of the [Health Innovation Client Journey Map¹](#) attached as an appendix.

Applicant:

Contact:

Company Overview

Provide overview and history, including identification of key members of the management team and team members (part- and full-time).

Value Proposition

Proposed value proposition for the technology compared to current standard of care or unmet clinical need. The target population expected to benefit from the technology, as well as the clinical care pathway, and key stakeholders should be identified.

Technology Technical Overview

Technology technical overview, trials/usage of the technology to-date (if any), and current state of evidence for the technology's safety, efficacy and effectiveness (if any).

Cost to Use Technology

Partnership Details: What are you able to provide (cash or in-kind) to access the HealthTech Home?

Evaluation: Company must participate in an evaluation/validation by evaluation partners. Include a statement confirming willingness and indicate what types of outputs/evaluation questions you would like answered as part of the project.

Equity, Diversity, and Inclusion: To what extent has EDI been addressed with your technology?

Submit EOI to admin@healthcities.ca with subject line: Company Name - HeathTech Home EOI