Discover + Adopt Call for Innovation

The Centre for Aging + Brain Health Innovation (CABHI), powered by Baycrest, is seeking trailblazing solutions on behalf of healthcare and community-based organizations participating in the Discover + Adopt (D+A) program.

If you are an innovator with a solution that can target any pain points below, apply now by completing the intake form by 5 p.m. EDT April 29, 2026.

A.
Cognitive + Mental Health

B.
Quality of Care + Healthcare Delivery

C.
Quality of Life + Client Experience

D.
Skills Assessment + Training + Education

E.
Mobility + Physical Activity

See below for further detail about each of these pain points, including specific examples of desirable innovations.

INTERESTED?
Please note:

- Intake forms will take approximately 20 minutes to complete and can be completed in English or French.
- A "solution" can be a product, program, or service, and is not limited to technological products.

- We welcome all innovators to apply, but due to high volume of applicants, only select innovators will be contacted by the host organization to move forward in the selection process.
- If you have previously applied to a Call for Innovation, your most recent application will be considered. Reapplication is only necessary if you wish to update your previous submission.

Questions?
Contact Johan Chen at **jchen@cabhi.com**.

A1 - Enhancing Social Engagement and Leisure Opportunities for Patients and Residents in Senior Care Settings
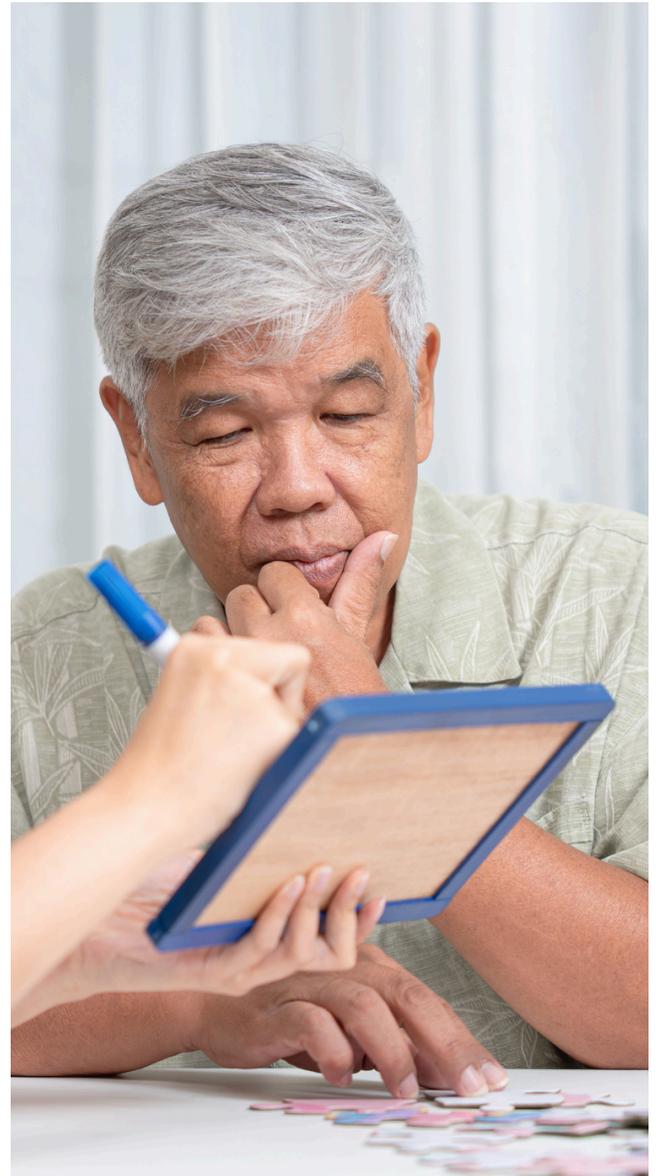
- We are seeking a solution that enhances engagement, education, and independent leisure opportunities for those with cognitive and physical limitations.

- The solution should be easy to use, safe, interactive, customizable, integrable, and accessible for older adults and care partners at the bedside, fostering a supportive environment.

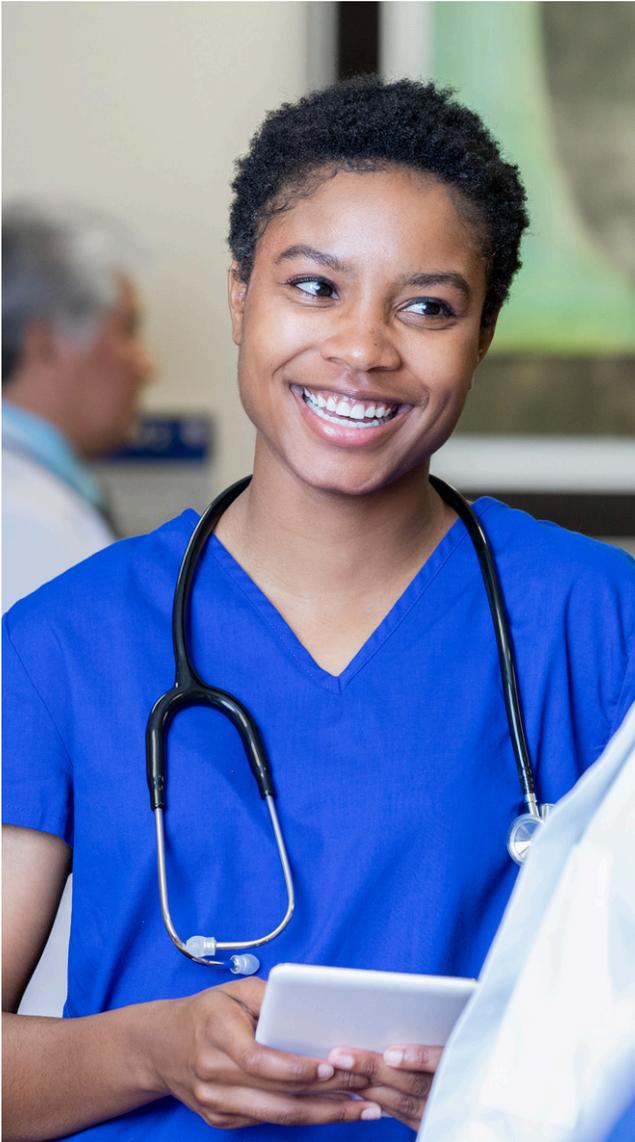### A2 - Enhancing Translation, Communication, and Care for Clients with Cognitive Decline

- We are seeking a solution to improve staff capacity to communicate and translate effectively with clients with declining cognitive abilities and/or differing communication abilities.

- The solution should be accessible, easy to use, provide staff with tailored communication strategies, bridge language barriers; enhancing care delivery, interaction, and overall well-being.

A3 - Improving Monitoring of Care and Health Status in Homecare or Remote Care

- We are seeking a solution to help identify and monitor current and emerging care and health status in homecare settings.

- The solution should be cost-effective, reliable, AI based, monitor physical, mental, and social statuses.

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B1 - Improving Staff Well-Being and Retention

- We are seeking a solution to improve and enhance staff well-being and retention by reducing burnout, turnover, and improving morale.

- The solution should foster a healthy, supportive, and sustainable workplace culture.

B2 - Reducing Administrative Burden In Care Planning and Delivery

- We are seeking a solution that reduces the administrative burden of multidisciplinary staff to allow staff to access resident insights across different clinical settings, including long-term care, home care, and physicians.

- The solution should be AI-based, easy to use, minimize administrative burden, ensure privacy, and support focused, proactive, data-informed care planning.

B3 - Enhancing Care Coordination and Planning

- We are seeking a solution that enhances care coordination, planning, information sharing, and patient transfer process shared across multiple stakeholders and entities.

- The solution should meet privacy and consent requirements, be easy to use, have an integrated approach, and be accessible by multiple organizations and entities, including an ·alternate level of care program.

CENTRE FOR AGING + BRAIN HEALTH INNOVATION
Powered by Baycrest

d+a
Discover and Adopt Program

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C. Quality of Life + Client Experience

C1 - Preventing and Reducing Falls in Senior Care Settings

- We are seeking a solution to assist point of care staff in the notification and prevention of falls.

- The solution should ideally provide real-time alerts and notifications and inform workflows and tracking procedures to enhance falls prevention, overall safety and well-being of residents.

C2 - Enhancing Activities of Daily Living (ADL) Support

- We are seeking a solution that enhances ADL support related to transfers, walking, and propelling for residents in long-term care, including those with complex needs.

- The solution should be cost-effective, adaptable, and enhance quality of life while being safe and easy to use.

C3 - Improving Cognitive Functioning Assessment of Clients

- We are seeking a solution to assess cognitive functioning accurately and reliably in long-term care residents.

- The solution should provide reliable information to staff and be proven to provide accurate screening results, enabling staff to take appropriate action based on the assessed levels, resulting in enhanced overall care quality.

C4 - Improving Pain Assessment and Management of Clients

- We are seeking a solution to accurately assess pain in clients, residents, patients, including those with cognitive impairment and varied communication abilities.

- The solution should provide reliable information to staff, enabling them to take appropriate actions based on the assessed levels, enhancing overall care quality.

D1 - Enhancing Clinical Skills Training for Staff in Senior Care Settings

- We are seeking a solution to enhance clinical skills training for staff caring for residents and patients in senior care settings.

- The solution should be able to provide hands-on clinical skills training for staff by utilizing virtual reality, scenarios, mock-situations, and utilizing up to date practices.

D2 - Improving Mealtime Experience for Clients

- We are seeking a solution to improve client and resident satisfaction with mealtime delivery and experience, while improving staff efficiency during mealtimes.

- The solution should focus on food quality, temperature, mealtime ambiance, and workflow efficiency.

D3 - Improving Hydration for Residents in LTC

- We are seeking a solution to improve safe and adequate hydration for residents in long-term care, including those with dementia or swallowing difficulties.

- The solution should be safe for staff and residents, decrease staff workload, while providing a comfortable experience to residents.

E1 – Enhancing Inpatient Rehabilitation Physical Activity

- We are seeking a solution to enhance monitoring and improve motivation of patients' physical activity during inpatient rehabilitation through gamification.

- The solution should motivate patients, keep patients engaged, and encourage independence.

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