

MISSION

The mission of the Rotman Research Institute at Baycrest is to advance knowledge in the cognitive neuroscience of healthy aging and age-related brain disorders. With this focus, we ensure Baycrest's impact spans from increasing scientific understanding to informing and advancing healthcare practice and health promotion in clinical and community settings.

VISION

We will build on our seminal theoretical foundation in cognitive neuroscience, and our leadership position in the innovative use of informatics and technology, to understand human cognitive and emotional function and the determinants of brain health across the lifespan.

VALUES

Discovery: Theoretically driven discovery is key to developing novel technologies and therapeutic techniques for the effective diagnosis, treatment and prevention of brain disorders.

Quality: We remain committed to the standards of excellence for our scientists, students, staff and facilities that have made the Rotman Research Institute at Baycrest a leader in the field of cognitive neuroscience.

Partnerships & Collaboration: Significant advancement in understanding human cognitive function will only occur through combined effort and multidisciplinary collaboration, within the institute and with others around the world.

Education and Dissemination: Knowledge is only useful if it is shared. We will continue to lead in knowledge translation by disseminating new discoveries in scientific and public media.

Baycrest

Innovations in aging

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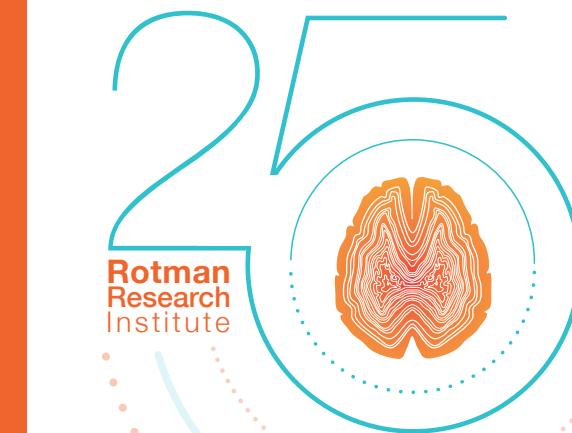
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is fully affiliated with the
University of Toronto



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Research Strategic Plan 2013 - 2018



As we approach the 25th anniversary of the Rotman Research Institute (RRI) at Baycrest Health Sciences, I am pleased to present a new five-year research strategic plan.

Inspired by the Baycrest strategic plan 2013-2018, which focuses on brain health and aging, the research five-year plan is grounded in our historic focus on cognitive neuroscience, and the belief that a basic understanding of brain functions like memory and attention will help us devise new ways to recognize and treat brain disease and disorders.

Crafted by RRI scientists - leaders in the field of cognitive neuroscience - the research directions articulated in the plan emphasize our unique capacity and capabilities. The plan addresses three challenges: first, to define the key elements that predict brain health as we age, focusing on the brain and our environment; second, to better engage our clinical partners in defining the critical path for translational research so that there is a direct health benefit from our research; and finally, to establish new mechanisms to share our knowledge and dynamic innovations, to strengthen RRI's position as a global leader in brain health research.

On the dawn of our 25th anniversary, I am confident that our endeavours from 2013 to 2018 will set the stage for our continued success in the next 25 years.

Dr. Randy McIntosh
Vice-President of Research, Baycrest
Director, Rotman Research Institute
Senior Scientist
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Goal 1

Advance the field of cognitive neuroscience through theory-driven research that seeks to understand the complexity of human brain function.

STRATEGIC DIRECTION

- A Maintain our leadership position and generate new knowledge about the interactive contributions of the brain, the body and the environment to healthy brain aging.
- B Maintain and leverage world class technological, informatics and computational infrastructure.
- C Exploit the power of population-level studies to further our understanding of resilience, reserve and the multifactorial determinants of brain health.

Goal 2

Increase our clinical and scientific capacity to understand and impact human brain function in real-world environments and to translate discoveries into new prevention and treatment strategies.

STRATEGIC DIRECTION

- A Conduct more research involving clinical and community partners.
- B Exploit our expertise in the use of technology to assess and assist brain function in real-life settings.
- C Increase our capacity for knowledge translation.

Goal 3

Increase our capacity to transfer knowledge.

STRATEGIC DIRECTION

- A Attract more trainees of exceptional calibre to Baycrest.
- B Provide superlative research training at Baycrest.
- C Disseminate our expertise.
- D Measure our success and tell the world about it.

Read the complete Research Strategic Plan 2013-2018 online:
www.baycrest.org/research стратегic-plan