



**ALL OF US.**  
**ALL OF YOUR**  
**FRIENDS. ALL OF**  
**YOUR FAMILY.**  
**ALL OF YOUR CO-**  
**WORKERS. BRAIN**  
**DISEASE AFFECTS**  
**ALL OF US.**

**Your aunt with Alzheimer's. Your co-worker struggling with depression. Your friends with an autistic child. It's almost impossible to calculate the total impact of brain health in Canada. But that doesn't mean we shy away from the challenge. We're tackling these challenges with the best and brightest minds in the country.**

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**"The Canadian Prospective Cohort Study to Understand Progression in Multiple Sclerosis (CanProCo) is the first project of its kind in Canada aiming to gain a better understanding of the unpredictable nature of multiple sclerosis (MS), and its progression."**

**Dr. Jiwon Oh**  
Brain Canada-Funded Researcher

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**"Brain Canada is a leader when it comes to investing in sex and gender-based considerations in brain research."**

**Lynn Posluns**  
President & Founder, Women's Brain Health Initiative  
Brain Canada Partner

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**"The Alzheimer's disease biomarker test, which we have now made available to all Canadians, can help doctors accurately diagnose the disease even when only mild symptoms are present."**

**Dr. Mari DeMarco**  
Brain Canada-Funded Researcher

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**"Brain Canada really took a chance on the Early Years project and has approached it in a way that demonstrates a real understanding of the fact that research doesn't happen in a vacuum. There is a way to approach research from a community-driven and relational perspective."**

**Chloe Ferguson**  
Vice-President, Martin Family Initiative  
Brain Canada Partner

## **86 Billion Neurons. A Million Mysteries. Our Revolutionary One Brain Approach.**

The human brain is the most complicated structure in the known universe. This fascinating machine somehow grants us the gift of consciousness, and our deepest feelings. So many incredible interconnected systems, and so many ways for it to break down. That's why we fund Canadian-based brain research of every type, with our holistic One Brain approach, where every discovery has the potential to have an impact across a spectrum of diseases and disorders.

## **Brain Canada Funds Research That's Truly "Out There". Because That's Where the Answers Are.**

Brain Canada funds high-risk, high-reward research with the potential for significant impact. We back bold ideas and cutting-edge technology like stem cells, 3D imaging, and artificial intelligence. We also fund research that investigates health inequities to understand the different ways brain diseases affect men, women, and gender-diverse groups.

## **Funding Breakthroughs for Alzheimer's Disease.**

Over half a million Canadians are currently living with Alzheimer's, and that number is projected to double by 2031. Dr. Mari DeMarco has developed an early detection test to help patients and their families make better plans, with better health outcomes.

## **Working Together for Indigenous Infants and Their Families.**

The Martin Family Initiative's Early Years program was founded on the premise that life-long well-being begins early, with the bond formed between a parent and their infant. The program combines traditional Indigenous knowledge with the latest research on early childhood development to support pregnant women and young families.

## **The Brain Bank. This Catalogue of Brain Illness Is Essential to Breakthrough Research.**

The Douglas-Bell Canada Brain Bank houses more than 3,600 brains. These samples come from individuals who experienced not just brain diseases, but also mental illnesses, an area that is still in many ways a mystery for researchers.

## **Funding Solutions for People with Spinal Cord Injury.**

Spinal cord injury often leads to a secondary problem of irregular blood pressure. That pressure problem then leads to an elevated risk of heart disease and stroke. Dr. Aaron Phillips has developed an innovative new technology that acts like a thermostat to regulate blood pressure for people with spinal cord injury.

## **This Is a Truly Exciting Time for Brain Research. New Technologies and Treatments Are Just over the Horizon.**

At Brain Canada, we envision a future where people across the country have access to solutions for brain diseases and disorders, and can live better, healthier lives. **We invite you to join us on our quest, where your donation will be put to hard work, funding Canada's most promising brain health research projects.** Go to [braincanada.ca](http://braincanada.ca) and find the Donate button in the top right corner.

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**“Requests for tissues from the Brain Bank come from leading international laboratories. More than 1,000 brain samples are prepared and sent to 30-50 international researchers each year.”**

**Dr. Gustavo Turecki**  
Brain Canada-Funded Researcher

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**“To bring about meaningful change, we need to invest in timely research that will generate long-term benefits. The Bell Let’s Talk-Brain Canada Mental Health Research Program supports innovative projects that meet the demand for improved, more accessible and more effective mental health care for Canadians who are struggling with mental health issues.”**

**Mary Deacon**  
Chair, Bell Let’s Talk  
Brain Canada Partner

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**“Through our partnership with Brain Canada, we’re focused on increasing and accelerating access to services for youth who are facing mental health concerns, while facilitating digital solutions for practitioners and researchers.”**

**Mark Beckles**  
Vice-President, Social Impact & Innovation, RBC  
Brain Canada Partner

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**“We are proud to be a part of this exciting collaboration with Brain Canada to invest in open science research that will transform the way we understand ALS, conduct future clinical trials and develop new treatments for ALS.”**

**Tammy Moore**  
CEO, ALS Canada  
Brain Canada Partner

# JOIN US ON OUR QUEST TO BETTER UNDERSTAND THE BRAIN.

To learn more, visit [braincanada.ca](http://braincanada.ca)

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"The funding from Brain Canada, which is designed specifically to help early-career researchers, was critical to my success in developing a novel device that regulates blood pressure in spinal cord injury patients."

**Dr. Aaron Phillips**  
Brain Canada-Funded Researcher



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Brain Canada  
Foundation  
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