



# Brainnovations

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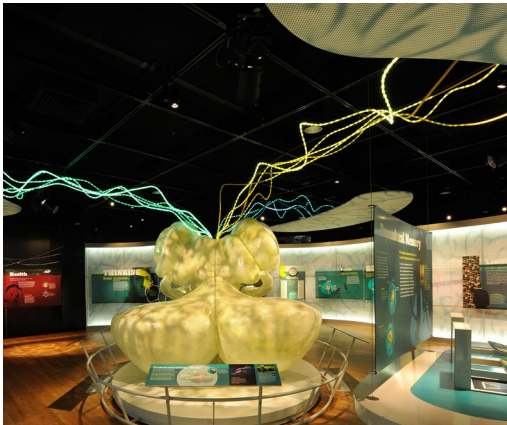
Dr. Donald Stuss  
President and  
Scientific Director  
Ontario Brain Institute

Understanding who you are, deciding how you behave, experiencing love and laughter — the brain is key to these behaviours. Perhaps the most important brain region underlying these functions is the frontal lobes, the area of the brain most closely tied to these highest functions. Having spent 35 years of my career researching and explaining the frontal lobes, I often find it helpful to assess OBI's work through the lens of frontal lobe executive function. So, from the perspective of the OBI Chief 'Executive', here's how I see it.

[Learn more](#)

## OBI Founders

Lawrence and Frances Bloomberg  
– *Mount Sinai Hospital*  
Sydney and Florence Cooper  
– *Baycrest*  
Gerald and Geraldine Heffernan  
– *University of Toronto*  
William and Susanne Holland  
– *Holland Bloorview*  
Richard M. Ivey  
– *Western University*  
Robert and Linda Krembil  
– *University Health Network*  
Arthur and Sonia Labatt  
– *The Hospital for Sick Children*  
Joseph and Sandra Rotman  
– *Ontario Brain Institute*  
Lawrence and Judith Tanenbaum  
– *Brain Canada*  
Eli Lilly Canada Inc.  
GE Healthcare Canada  
GlaxoSmithKline Inc.  
IBM Canada Ltd.  
Medtronic of Canada Ltd.  
Nestlé Health Science, Canada  
Pfizer Canada Ltd.  
Valeant Canada LP



## Brain: The Inside Story

A large part of what OBI does involves story-telling, making research accessible, and creating a strong sense of community across the neuroscience landscape. This fall, OBI will embark on a special partnership with the Ontario Science Centre to share some of its unique stories and present a larger-than-life picture of the organ that defines us.

[Learn more](#)

## Addressing Dementia Research And Care: Can Big Data Help?



OBI is one of many groups around the world that has recognized big data's potential to change the landscape of neuroscience research related to individuals with different types of disorders.

This fall, OBI partnered with global leaders to host a workshop on big data and dementia.

[Learn more](#)

## Events

October 21–22, 2014  
**HPCVL Symposium,  
Complex Data and Analytics  
in Medical Research**

Double Tree by Hilton

November 6, 2014

**OBI Talk and Listen Tour**

University of Waterloo

November 13–14, 2014

**Annual ONDRI Workshop**

December 4–5, 2014

**Annual POND Workshop**

November 2014 – March 2015

**Brain: The Inside Story Exhibit**

Ontario Science Center

# Updates From Our Research Programs



CP-NET  
Childhood Cerebral Palsy  
Neuroscience Discovery Network



POND  
network



Integrated Discovery programs are research programs that bring together scientists, clinicians, industry representatives, and patient advocacy groups from across Ontario to foster integration across disciplines and pursue new questions. These programs have started generating some exciting news.

[Learn more](#)

## In the news

**Ontario: Neuroscience Cluster**

TVO, September 16, 2014

**Brain-CODE: the Ontario Brain Institute's platform for discovery**

Canadian Healthcare Technology,  
September, 2014

**Alzheimer's disease: Tips for exercise as a form of prevention**

CBC Hamilton, June 22, 2014

**A high-tech tool to fight depression**

The Globe and Mail, June 22, 2014

## Milestones

**April 2014**

Phase 1 Report launch

**May 2014**

Knowledge translation training for researchers

**June 2014**

Dr. Jonathan Downar public talk on depression and brain stimulation at the Art Gallery of Ontario;  
Selection of 2014 Entrepreneurs;  
Completion of initial phase of NeuroTech Ontario

**July 2014**

Alzheimer's disease and physical activity, toolkit launch

**August 2014**

First Life Sciences Ontario-OBI networking event

**September 2014**

Joint conference with OECD & IHPME;  
Public talk on driving urgency against Alzheimer's disease;  
Launched new neuroinformatics internship program

**October 2014**

CP-NET Family Forum at Holland Bloorview, during World CP Day



## NeuroTech Ontario: Province-Wide Innovation

Since OBI and the Federal Economic Development Agency for Southern Ontario partnered, the resulting program, named NeuroTech Ontario, has fostered the development of game-changing technologies including devices, diagnostics, and health applications to improve the lives of people living with brain disorders.

[Learn more](#)



## Connecting Families With The Research Community

One of OBI's major goals is to build community among patients and their advocates, researchers, clinicians, and industry to improve outcomes for those affected by neurodevelopmental disorders. One of the best ways to do this is simply to bring people together.

[Learn more](#)



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