

Brainnovations



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Dr. Tom Mikkelsen
President and
Scientific Director
Ontario Brain Institute

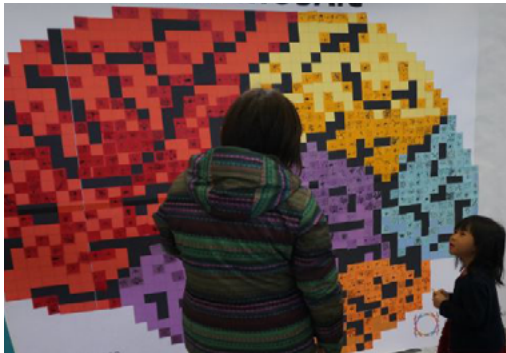
Your brain is always changing.

It is constantly processing information from your body and making sense of the world around you. And in doing so, your brain itself is changing. In fact it continues changing throughout your lifetime. You experience this change with every new skill you learn, and every old memory you forget.

Neurogenesis, or the creation of new brain cells, is a primary driver of this change: cells are born then differentiate into a specific type of neuron, migrate to their destination in the brain, and then finally integrate into a new or existing network. As the new President and Scientific Director of the Ontario Brain Institute, I feel this is a fitting way to introduce myself.

[Learn more](#)

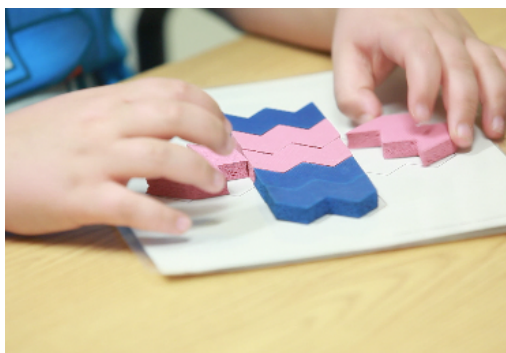
Expanding The Borders Of Research Through Cross-Disorder Collaborations



While autism, epilepsy, or depression may at first seem worlds apart, there is benefit in studying these and other brain disorders together. Each condition has unique traits, but there is often overlap. Brain research is inherently complex – different disorders may share similar underlying causes and similar disorders may have very different underlying causes.

[Learn more](#)

International Data Linkages For New Possibilities In Autism Research



OBI catalyzes the impact of brain research in Ontario by increasing collaboration among researchers, doctors, patients and their advocates, and industry partners. A key ingredient to collaboration is, of course, sharing. At OBI, a cornerstone of effective research collaboration involves sharing large quantities of data.

[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

Events

December 14–15, 2015

Annual POND Workshop

Toronto, Ontario

January 16–17, 2016

Annual EpLink Workshop

Toronto, Ontario

January 28–29, 2016

Annual CAN-BIND Workshop

Toronto, Ontario

March 3–4, 2016

Annual CP-NET Workshop

Toronto, Ontario

March 14–20, 2016

Brain Awareness Week

Updates From OBI's Research Programs



OBI's Integrated Discovery Programs focused on cerebral palsy, depression, epilepsy, neurodegenerative disorders, and neurodevelopmental disorders now bring together over 200 core researchers and clinicians, 35 institutions, 40 companies, and 20 patient advocacy groups from across Ontario. Read about their latest news and progress.

[Learn more](#)

Helping Companies Get Over Their First Hurdles



Avertus is still a young company, but they have come a long way. Dr. Gonzalez started off his journey as an OBI intern with a PhD in neuroscience. He was working on his MBA when he met Dr. Peter Carlen, a researcher in the EpLink program, and Dr. Michael Berg, who had an idea to develop a system that could detect and stop seizures.

[Learn more](#)

Turning Knowledge Into Action



Knowledge is an important resource that can be used to affect behaviour and cause positive change. OBI's Outreach initiatives focus on harnessing what we know to: tell stories, build community, connect evidence and care, and evaluate our work – all to make an impact on brain health in Ontario.

[Learn more](#)

AxON: Collaboration Defined



The Ontario Brain Institute has mapped the vast collaborations in its network.

[Learn more](#)

In The News

Waterloo Chemist To Develop Revolutionary New Probe To Study The Brain

Phys.org, June 3, 2015

Why Is It So Hard To Find Antidepressants That Work?

The Huffington Post, June 9, 2015

Healthcare Professionals Pool Their Talent And Research To Get Ahead Of Dementia

Metroland Media,

September 23, 2015

Meet The 2015 "Neuropreneurs"

CTV News Toronto,

September 25, 2015

The Success And Benefits Of Medical Marijuana

Roy Green AM 640,

September 27, 2015

Milestones

June 2015

OBI and ICES launch research partnership to link research and population data

July 2015

OBI and ICES release Brain Disorders in Ontario report

September 2015

OBI and MaRS host Neurotech Showcase to celebrate Ontario's growing neurotechnology sector; OBI and NIH partnership paves the way for autism research collaboration

October 2015

OBI welcomes new President and Scientific Director, Dr. Tom Mikkelsen

November 2015

OBI Public Talks features OBI Founding President and Scientific Director, Dr. Don Stuss



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Mobiliser. Découvrir. Produire.

