Ontario Brain Institute Overview

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Director, Outreach

Ontario

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Converge. Discover. Deliver | Mobiliser. Découvrir. Produire

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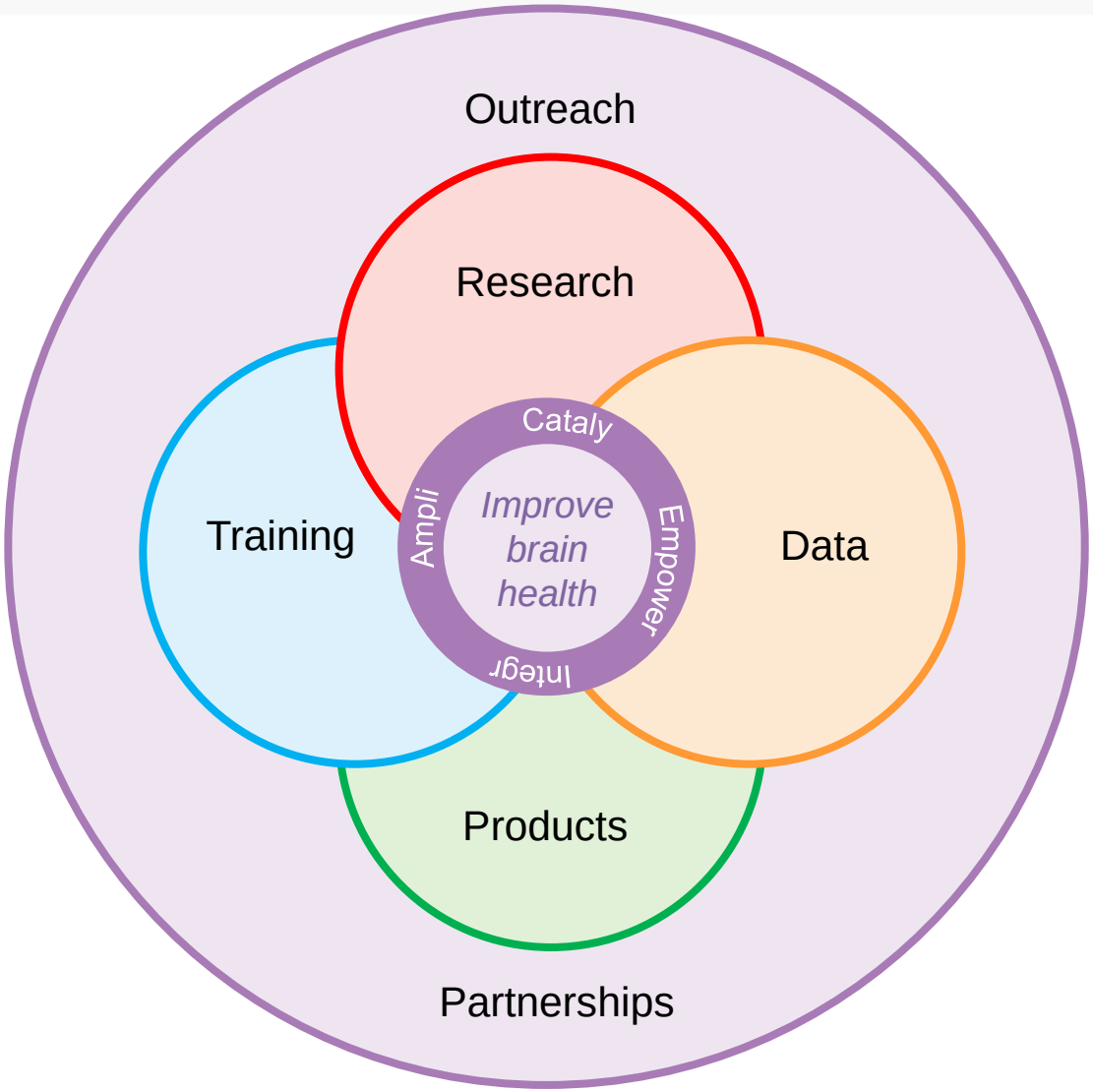
Innovation System



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ID Programs

- **Renewal**

CP-NET
Childhood Cerebral Palsy Neuroscience Discovery Network

EPLINK
THE OBI EPILEPSY PROJECT

$11,250,000

POND network

Province of Ontario Neurodevelopmental Disorders Network

- **Launch**

CAN-BIND

Canadian Biomarker Integration Network in Depression

ONDRI
Ontario Neurodegenerative Disease Research Initiative

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ID Programs: Numbers

5 Integrated Discovery Programs

35+ Institutions

35+ Companies

5+ Data Types

5300+ Patients (expected)

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ID Program Engagement

- Engagement through ID Programs:

Program	Researchers & Clinicians	Industry Partners	Patient Groups	Patients Expected
CP-NET	39	11	6	1000
EpLINK	**34**	**7**	**7**	**500**
POND	39	14	6	2500
ONDRI	48	9	4	600
CAN-BIND	41	4	2	700
Total	**201**	**45**	**26**	**5300**

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The Epilepsy Integrated Discovery Program (EpLINK)

Epilepsy Executive Committee:

McIntyre Burnham and Jorge Burneo (Program Leads)

Clinical Sites

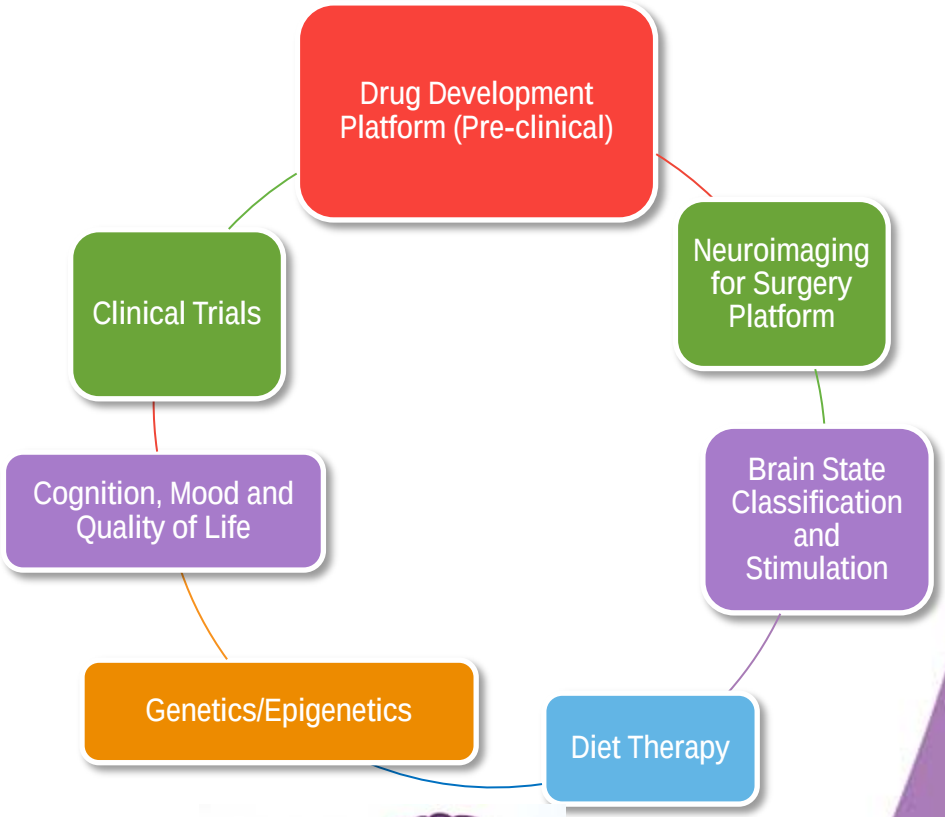
- Children's Hospital of Western Ontario
- CHEO
- Hamilton General
- SickKids
- London Health Sciences
- McMaster University Medical Centre
- North York General
- Toronto Western

Academic Institutions

- McMaster
- Ottawa
- Toronto
- Western

Key Facts:

- **34 Core Clinicians and Researchers**
- **8 Clinical Sites**
- **7 Industrial Partners**
- **7 Patient Advocacy Groups**
- **Over 500 patients**



EPLINK
THE OBI EPILEPSY PROJECT

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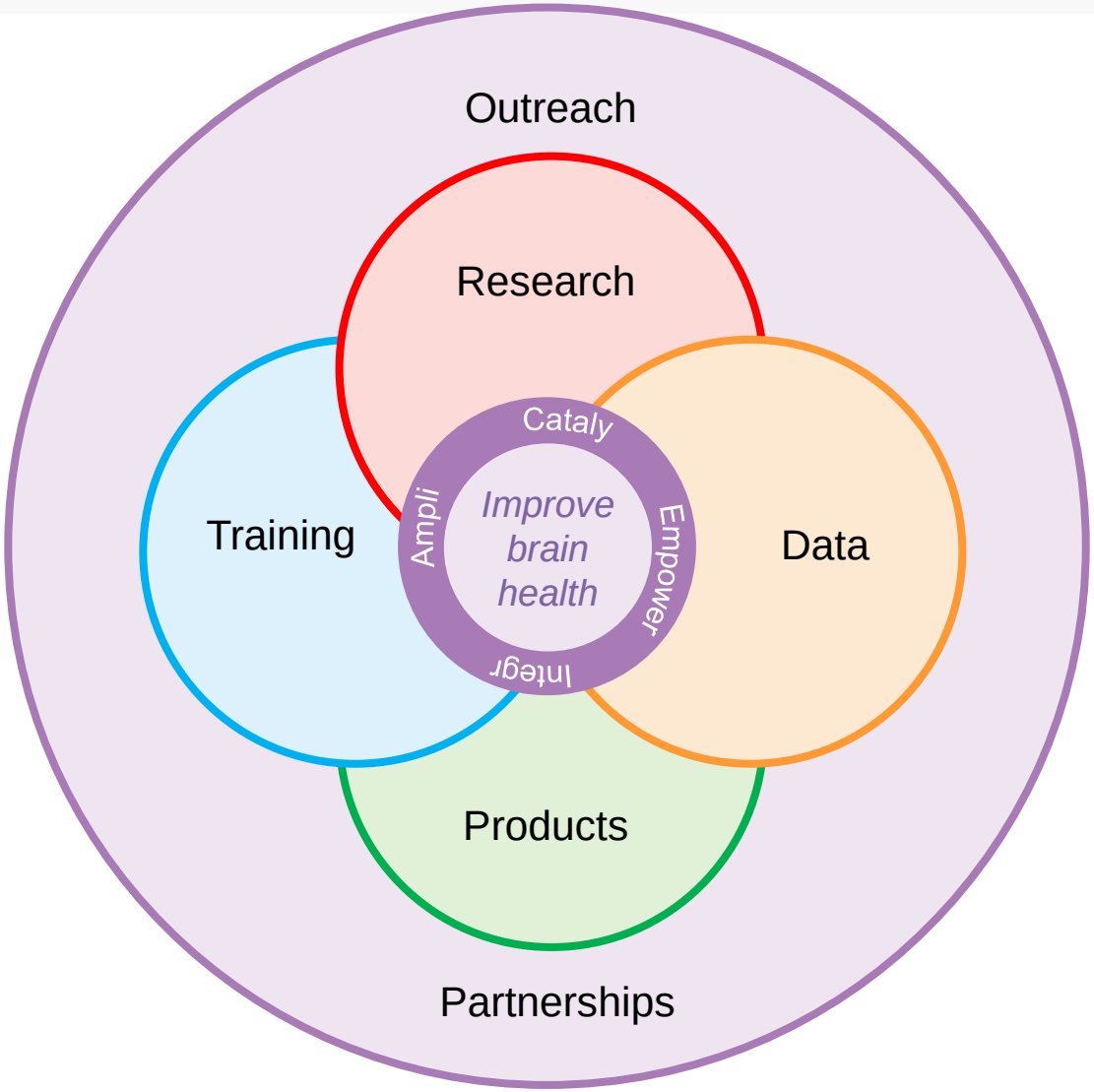

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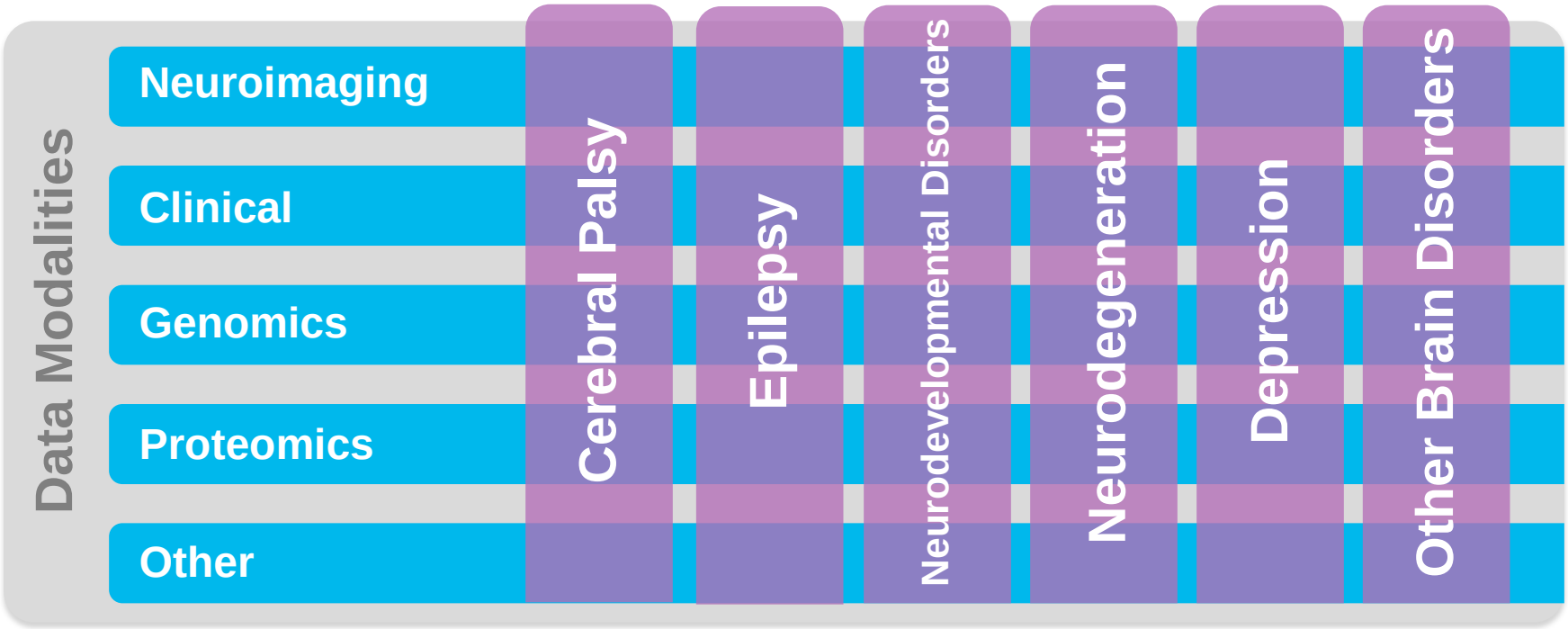
OBI's Big Data Opportunity

Integrated Discovery System



Brain-CODE is an extensible open access informatics platform that manages the acquisition and storage of multidimensional data collected from patients with a variety of brain disorders

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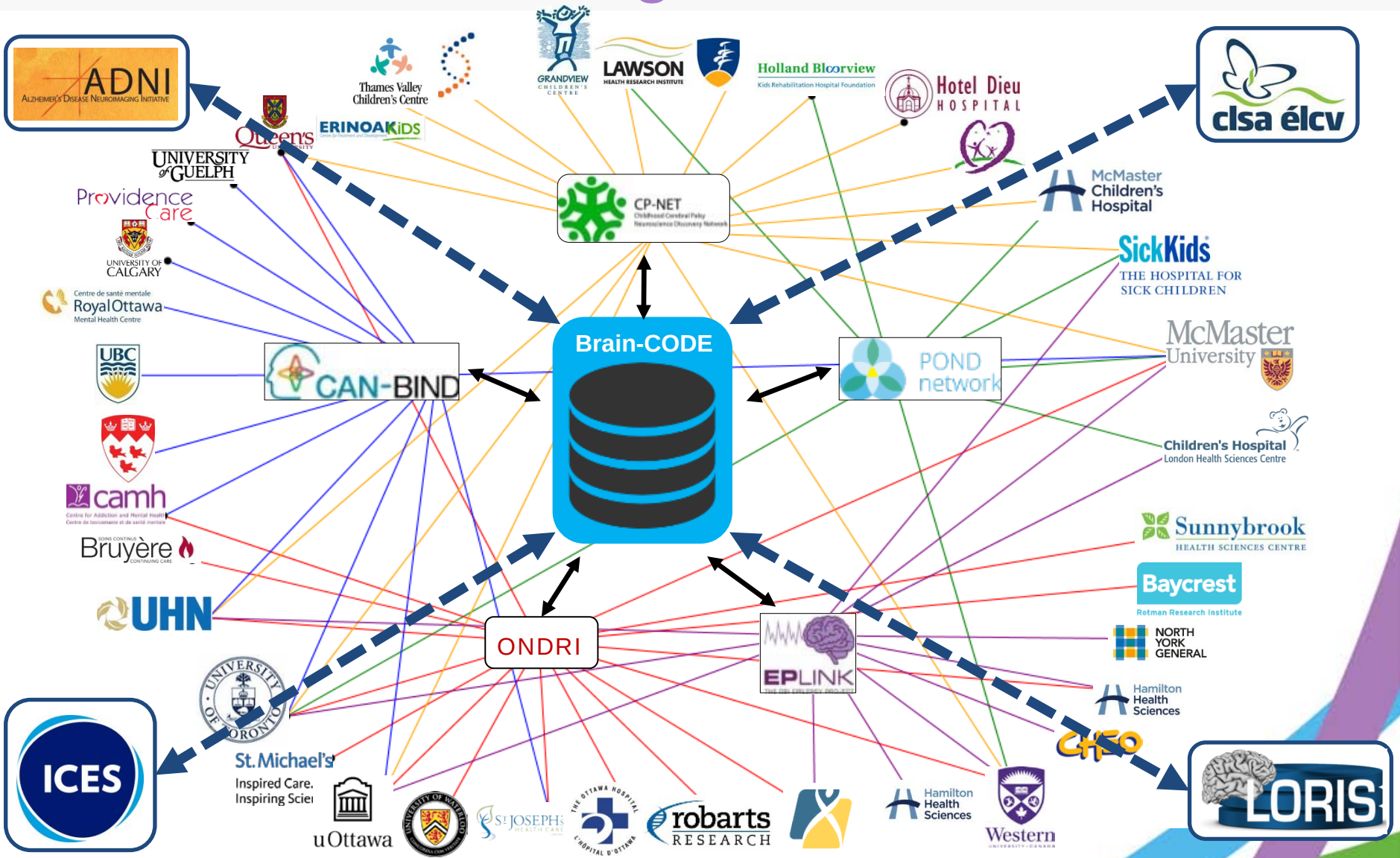
Multi-Institution Data Integration Across Ontario



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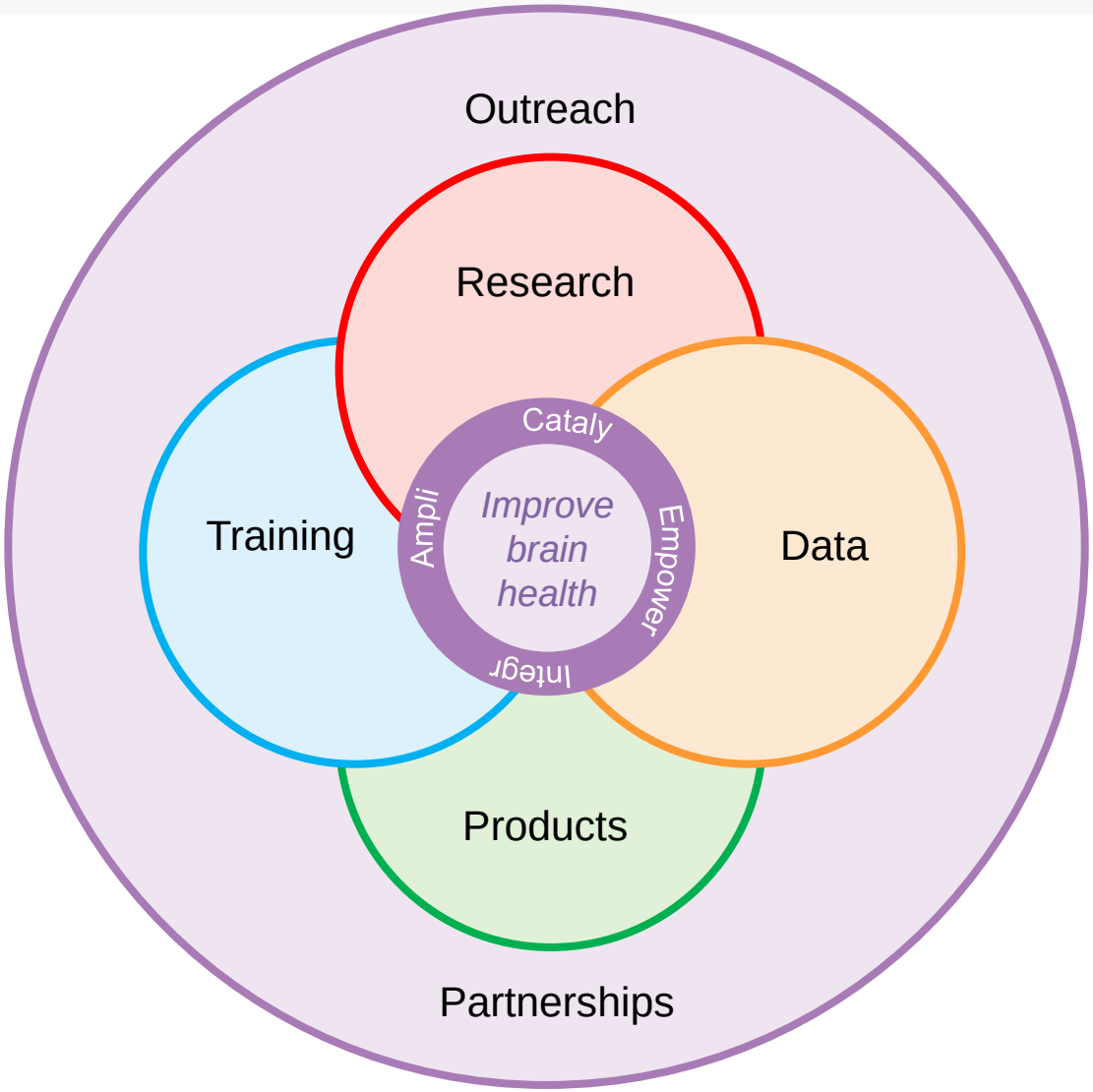

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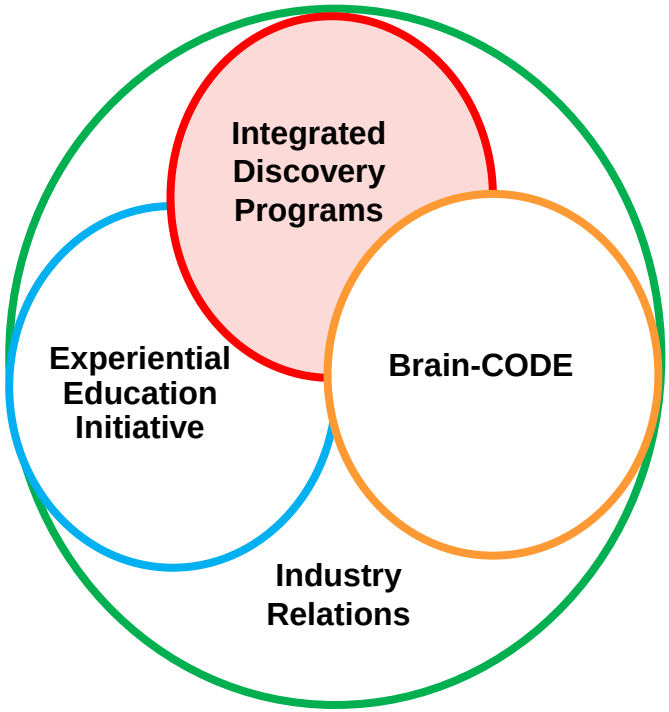
Industry Relations: ID Program Links



Engage Expertise:

ALLERGAN · Pfizer · Medtronic · GlaxoSmithKline · Lilly (Answers That Matter.) · b·kin · Lundbeck · UCB (Inspired by patients. Driven by science.) · NestléHealthScience

Catalyze Innovation:

Avertus · KETOGEN Pharma Inc · Squag · GaitTronics · neuroCore · OB Pharmaceuticals

Build Capacity:

Lundbeck · SERVIER · UCB (Inspired by patients. Driven by science.)

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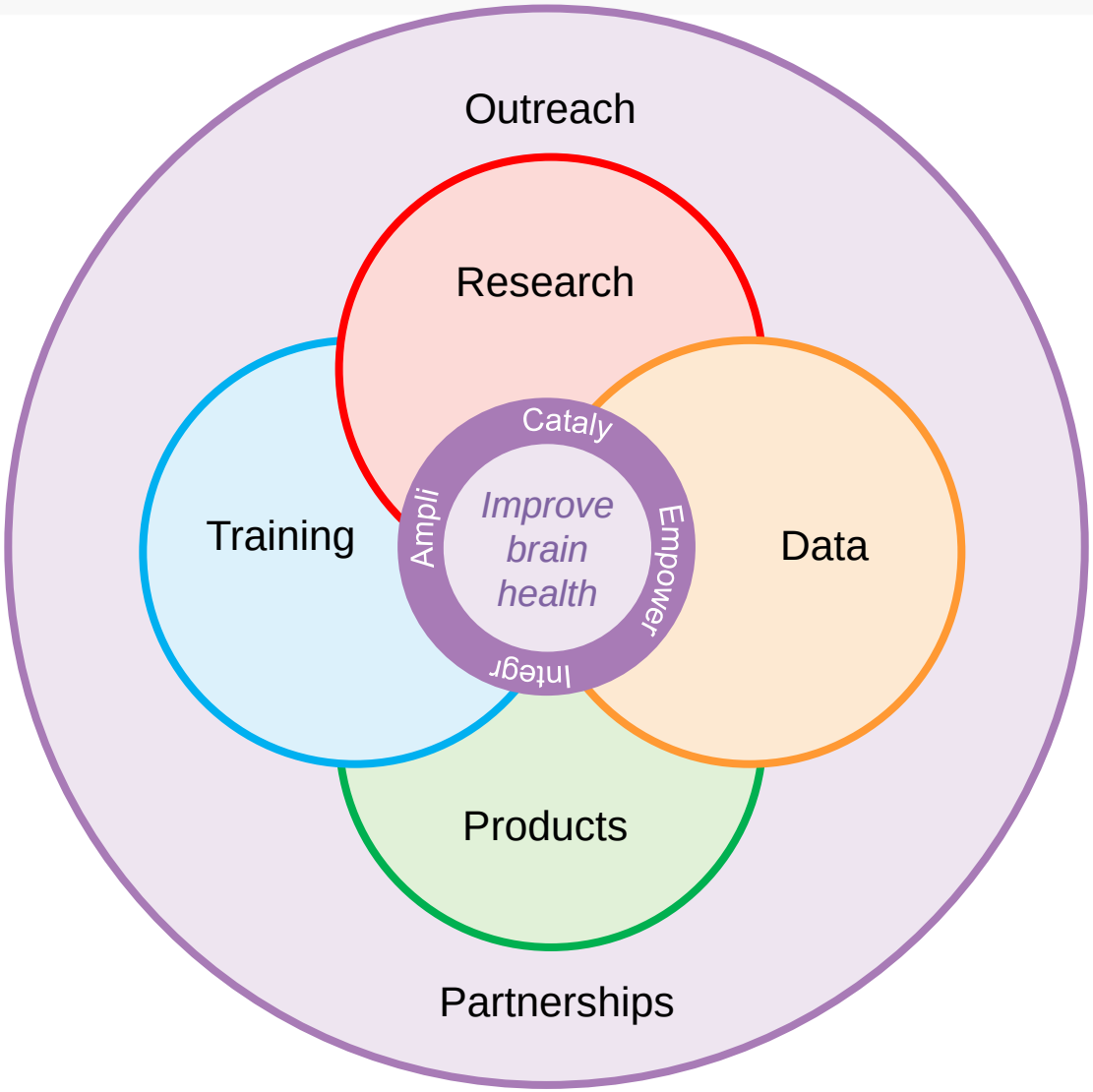

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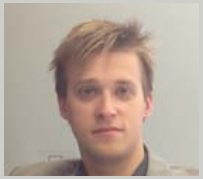
Entrepreneurs 2012/2013

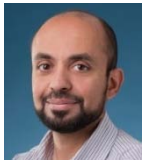


NORTHWESTERN ONTARIO INNOVATION CENTRE

Lakehead UNIVERSITY

Thunder Bay Regional Research Institute

THUNDER BAY



Invest Ottawa | Investir Ottawa

uOttawa L'Université canadienne Canada's university

Carleton UNIVERSITY

OTTAWA

University of Waterloo

COMMUNITECH

WATERLOO

Brian Hu

MaRS Innovation

TORONTO

RYERSON UNIVERSITY

HAMILTON

LONDON

London Health Sciences Centre

IMPACT CENTRE

UHN Toronto General Toronto Western Princess Margaret Toronto Rehab

Western UNIVERSITY · CANADA

techalliance

innovation FACTORY

McMaster University

UNIVERSITY OF TORONTO

SickKids THE HOSPITAL FOR SICK CHILDREN

McMASTER INNOVATION PARK

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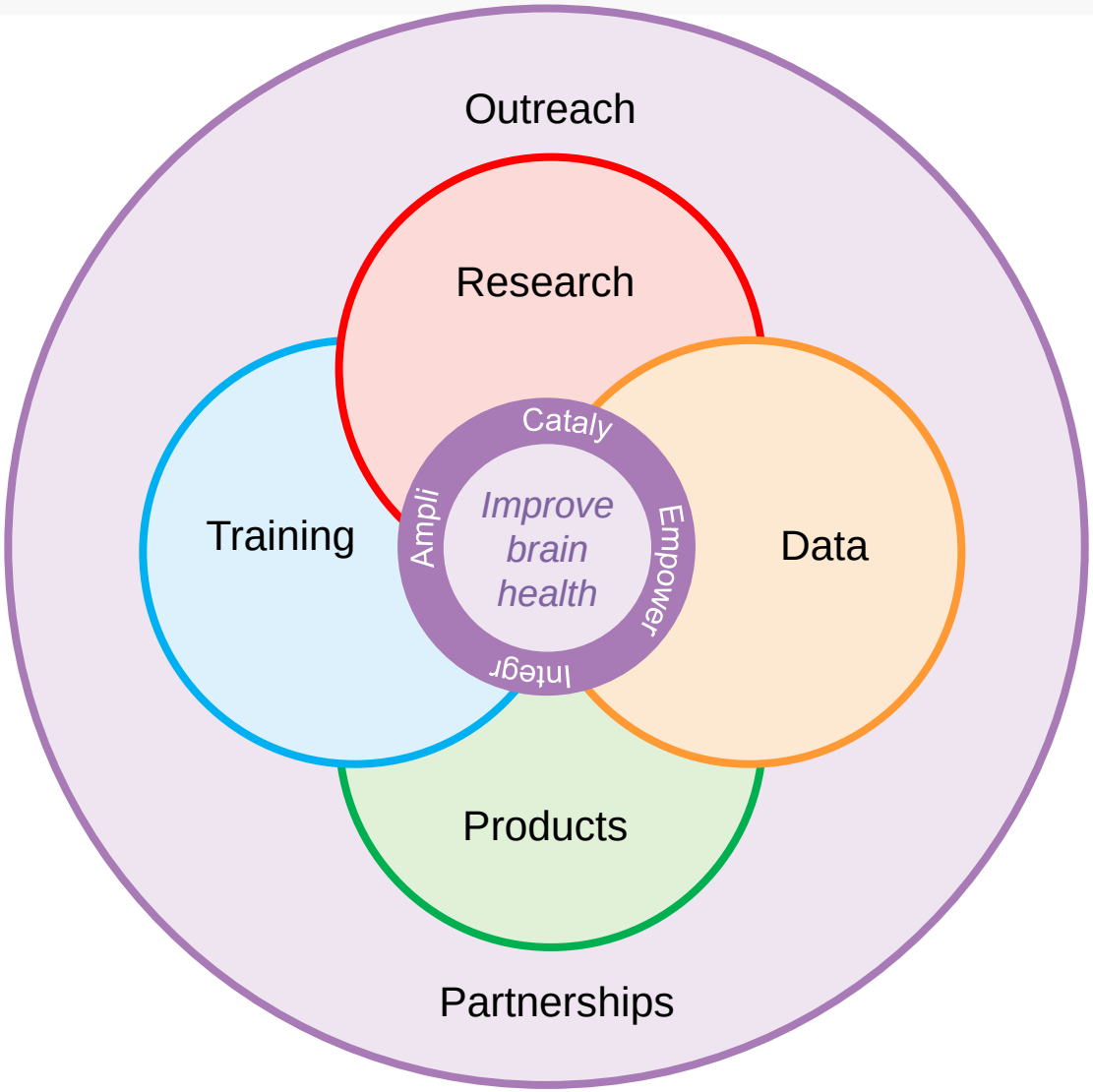

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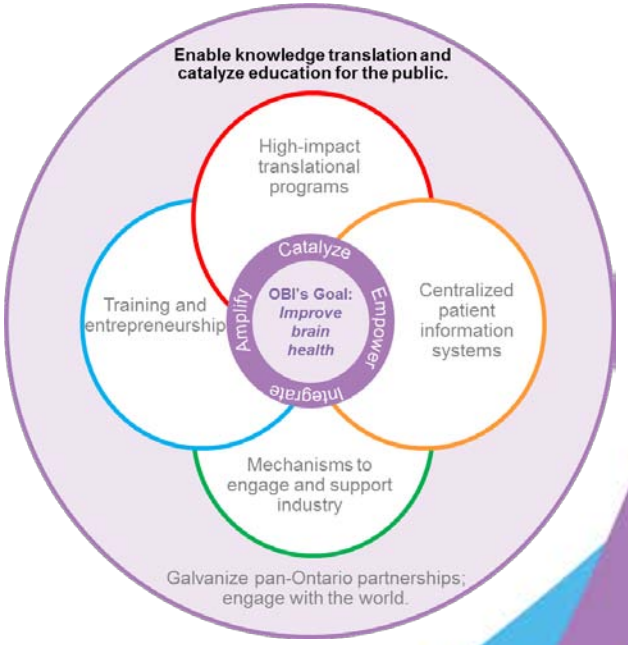
Outreach goals

Build, integrate, and engage the system through:

1. Story telling
2. Creating community
3. Aligning evidence and care
4. Evaluating impact



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Telling our story

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Goals

2. Connecting people

- Patient Advisory Committees
- Public talks
- SPOR-KT
- KT training
- Talk and Listen tours

Connecting with the patient community

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Autism ONTARIO
see the potential

Community Living Toronto

POND NETWORK
Province of Ontario Neurodevelopmental Disorders

AUTISM SPEAKS CANADA
It's time to listen.
Il faut écouter.

Totally ADD

EPILEPSY Toronto

THE EPILEPSY AND SEIZURE DISORDER RESOURCE CENTRE
OF SOUTH EASTERN ONTARIO

EPLINK
THE OBI EPILEPSY PROJECT

Epilepsy Ontario

Epilepsy Support Centre

Mood Disorders Society of Canada

CAN-BIND
The OBI Depression Program

MDAO Mood Disorders Association of Ontario

Alzheimer Society ONTARIO

ALS SLA CANADA

ONDRI
The OBI Neurodegeneration Program

Parkinson Society Ontario
Société Parkinson de l'Ontario

OFCP
Ontario Federation for Cerebral Palsy

three to be
IN SUPPORT OF RESEARCH, EDUCATION & THERAPIES FOR CHILDREN WITH NEUROLOGICAL DISORDERS

CP-NET
Childhood Cerebral Palsy
Neuroscience Discovery Network

canChild
Centre for Childhood Disability Research

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Goals

3. Aligning evidence and care

- Epilepsy Task Force
- Physical activity implementation

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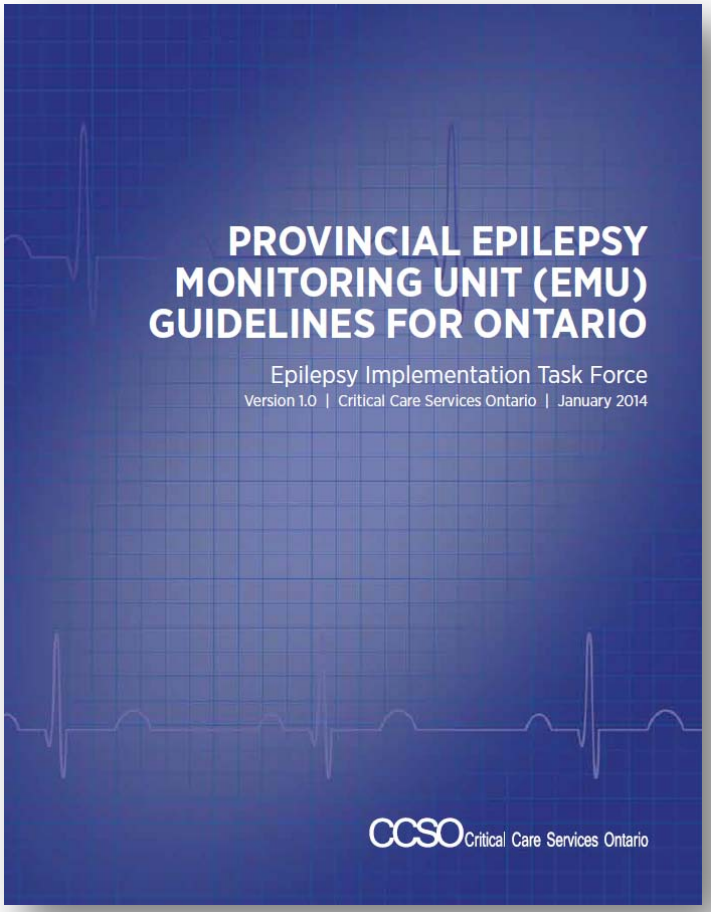
Evidence



- Epilepsy Implementation Task Force
  - Provincial KT working group
  - Involved in creation and dissemination new evidence-based care guidelines
  - 8 members of EpLINK

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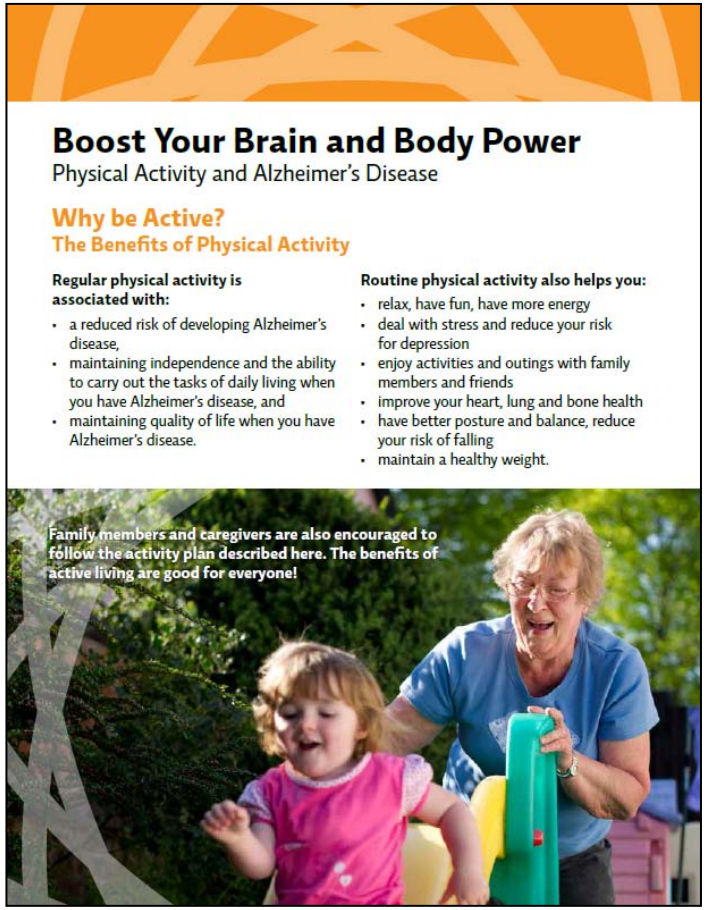
Evidence



Boost Your Brain and Body Power

Physical Activity and Alzheimer's Disease

Why be Active?

The Benefits of Physical Activity

Regular physical activity is associated with:

- a reduced risk of developing Alzheimer's disease,
- maintaining independence and the ability to carry out the tasks of daily living when you have Alzheimer's disease, and
- maintaining quality of life when you have Alzheimer's disease.

Routine physical activity also helps you:

- relax, have fun, have more energy
- deal with stress and reduce your risk for depression
- enjoy activities and outings with family members and friends
- improve your heart, lung and bone health
- have better posture and balance, reduce your risk of falling
- maintain a healthy weight.

Family members and caregivers are also encouraged to follow the activity plan described here. The benefits of active living are good for everyone!

Société Alzheimer Society

Minds in Motion®

A physical activity and brain stimulation program for people with dementia and their care partners.

Give your mind and body a boost!

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Ontario Brain Institute is funding the start-up phase of Minds in Motion® Ontario

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Goals

4. Evaluating impact

- Established International Advisory Committee
- Nov 21st workshop + report
- Embedding evaluation into everything

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Questions?

- Thank you