

Healthy Brains for Healthy Lives (HBHL) Fact Sheet

Support from the Canada First Research Excellence Fund (CFREF)

- **\$84 million** in federal funding over seven years
- **\$150 million** for Canadian neuroscience via CFREF projects at McGill (HBHL) and Western (\$66 million for “Beautiful minds: Brain health for life”)
- **\$213.2 million** for three complementary Montreal projects at McGill, Université de Montréal, and Polytechnique Montréal

Collaborations

- **Financial support for innovation** from the Government of Quebec
- **More than \$50 million** in philanthropic gifts already committed
- **3** partners on a new pan-Canadian Network for Brain Health: Western University, Brain Canada, and Canadian Institute for Advanced Research (CIFAR)
- **19** academic institutions
- **12** foundations
- **9** industry partners
- **7** Canadian consortia
- **5** international consortia
 - BigBrain Project
 - European Human Brain Project
 - Human Connectome Project
 - Organisation for Economic Co-operation and Development (OECD)
 - Organisation of Human Brain Mapping
- **4** incubators
- **3** venture capitalists
- **3** research networks
- **1** research commercialization agent

Building on world-class resources

- Inaugural Scientific Director: **Alan C. Evans**, who is in the top 1% of highly cited researchers in the world
- McGill Neuroscience brings together
 - **250** scientists and clinicians
 - **1,300** graduate students
 - **255** postdoctoral fellows
- **\$65 million** annually in research funding
- Affiliated hospitals, research institutes, and basic research departments



- Montreal Neurological Institute and Hospital
- McGill Centre for Research in Neuroscience
- Douglas Mental Health University Institute
- McGill University and Genome Quebec Innovation Centre
- Lady Davis Institute for Medical Research
- Ludmer Centre for Neuroinformatics and Mental Health
- McGill University Health Centre

Goals

- Understand the healthy brain
- Shed new light on how the brain wires itself
- Advance how we categorize disorders
- Develop new diagnostic tools
- Discover new ways to treat disease
- Improve patient access to novel treatments
- Translate knowledge into public health, workplace, or social interventions

How the funding will be spent

- **Research**
 - Discovery Fund for Interdisciplinary Research
 - Research Transition Awards
 - Seed Award for Innovative Ideas
- **Talent**
 - Student and Postdoctoral Fellow Training Clusters
 - New Investigators Start-up Grants
 - Visiting Fellows
- **Innovation**
 - International Collaboration Platform
 - Neuro-Innovation Fund
 - Knowledge Mobilization
- **Infrastructure**
 - Technology Development
 - Core Facilities Operations

Anticipated outcomes by 2023

- **“Canadian Framework for Brain Health”** launched
- **\$84 million** in leveraged funds from external sources (1:1)
- **1,500** high-income jobs
- **30** spinoff companies and licensing contracts
- **10%** increase of McGill faculty working in related areas
- **20%** increase of McGill students and postdoctoral fellows working in related areas