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
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