Healthy Brains for Healthy Lives (HBHL) is a bold and ambitious initiative funded over seven years by the federal government’s Canada First Research Excellence Fund (CFREF). HBHL aims to unite McGill’s world-leading strengths in clinical and research neuroscience with pioneering work in neuroinformatics, to build on our leading position in neuroscience as a global hub for brain research.

HBHL Approach and Deliverables

- Understand the individual brain in health and disease
- Integrate genetic, epigenetic, physiological, imaging, behavioral, environmental, clinical and social datasets
- NeuroHub – advanced analytic platform for brain data
- Clinical and commercial translation of basic research
- *Canadian Framework for Brain Health* by 2022

Four Research Themes

- Neuroinformatics and Computational Modelling
- Mechanistic Models of Neurodegenerative Disorders
- Applied Cognitive Neuroscience of Brain Plasticity
- Population Neuroscience and Brain Health

Funding Programs

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<tr>
<th>Research ($20.6M)</th>
<th>Talent ($16.6M)</th>
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<tr>
<td>Discovery fund for interdisciplinary research</td>
<td>Student and postdoctoral fellowships</td>
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<tr>
<td>Research transition awards</td>
<td>Trainee activities &amp; travel bursaries</td>
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<tr>
<td>Innovative ideas</td>
<td>New investigators start-up grants</td>
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<tr>
<th>Innovation ($12.2M)</th>
<th>Infrastructure ($15.4M)</th>
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<td>International collaboration platform</td>
<td>Technology development</td>
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<td>Neuro-innovation program</td>
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<td>Neuro-partnerships program</td>
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Healthy Brains for Healthy Lives (HBHL) emphasizes the training of highly qualified researchers, clinicians, and informaticians, to integrate basic research, clinical and programming skills with teamwork and leadership experience.

HBHL Training Program

- Postdoctoral fellowships
- Graduate student fellowships
- Trainee travel bursaries
- Trainee get-togethers*
- Trainee annual research day*
- Annual symposium
- HBHL sponsorships
- HBHL Skillsets
- Mitacs fellowships

*organized by the HBHL trainee committee

For more information:

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