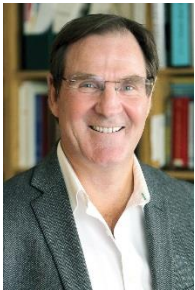


CBRAIN: A national high-performance computational infrastructure for brain research



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Thursday, March 31, 2016
11:00-12:15 pm EST

[Click here to join](#)

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Presentation Abstract

Advances in neuroscience are increasingly a result of advanced computational analysis and the integration of data from different neuroimaging, genetic, epigenetic, behavioural and/or social domains. Furthermore, these data often do not arise from a single lab. Large-scale collaborative programs and data-sharing initiatives are appearing in ever growing numbers as the information revolution shrinks our physical world. This talk will describe a pan-Canadian and international platform for conducting brain research and illustrate its use in neurodevelopment, neurodegeneration, anatomy and imaging-genetics.

About the Webinar Series

The **BRIDGE** webinar series is designed to prepare for the next generation of big data analytics, woven into transdisciplinary and intersectoral sciences, policy and innovation, and serving as catalyst for solutions at scale to better address the seemingly intractable problems that lie at the nexus of health and wealth production, distribution and consumption. A key to accelerate change lies in establishing bridges between sectoral big data, and between data and content. To foster real time learning, the **BRIDGE** webinar series brings together a new solution-oriented transdisciplinary translational paradigm for the four *Ms* of big data sciences used on both sides of the health and economic divide (*Machines, Methods, Models and Matter*).