Community Resources / Events
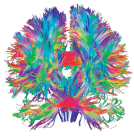
The Krembil Centre for Neuroinformatics (KCNI) at CAMH collaborates globally to collect and integrate large-scale brain research data, apply machine learning and artificial intelligence, and develop multiscale computational models that can transform our understanding of brain disorders. Our open, team science approach focuses on bridging the levels of the brain, from genes to circuits and from whole brains to the whole person, in order to better define, prevent and treat mental illnesses.

Hear more from our team and our upcoming events. SUBSCRIBE to our mailing list!

Read the latest updates from the Krembil Centre for Neuroinformatics at CAMH. Spring 2023 Bulletin

From here you'll be able to learn more about the Krembil Centre for Neuroinformatics upcoming and past events, resources, newsletter articles and more!

News / Resources

Explore past news and stories from the Centre. **Click here.**

Noteworthy Updates:

Krembil Centre for Neuroinformatics Virtual Open House

The Krembil Centre for Neuroinformatics is excited to host its Annual Open House on Tuesday, June 27 starting at 10am.

Come meet the KCNI team and learn about the latest developments virtually, or even better, in person!

Register to join us virtually or in person here

See the agenda here

Trainee Spotlight

Lab Lead spotlight

Summer Academy

The Krembil Centre for Neuroinformatics is excited to offer a five-day intensive project-based learning week where trainees will learn hands-on techniques for integrating multi-scale neuroscience data. This course is designed to introduce participants to the concepts and methods behind psychiatric neuroinformatics - encompassing genetics, brain structure and function, and cognition. In addition, participants will uncover the links between modalities of human genomics, neuronal electrophysiology, structural and functional neuroimaging, and observed behaviour that KCNI scientists are integrating through a series of virtual modules and a group-based project using real-world data types to study mental illness.

This unique learning opportunity will prepare participants to handle and analyze multiple data types in hopes that their own research may benefit from collaborative, multi-modal approaches. Critically, participants will also learn about best practices for data management and quality control in the context of integrative analysis.

Applications are open.

More information about the course

Upcoming Events & Training

Explore past, current and future events. **Click here.**

The KCNI Speaker Series

The Krembil Centre for Neuroinformatics is pleased to launch a new Speaker Series highlighting exciting discoveries, advancements and collaborations in Neuroinformatics. The series features speakers from a wide range of backgrounds, expressing the diversity of the Krembil Centre's scientific breadth. Each month we will hear a new perspective on the current state of multi-scale neuroscience, from gene to circuits, from brain dynamics to cognitive modeling and populations.

We welcome members of the broader community to join us monthly for these open Speaker Series. See below for a schedule of the upcoming speakers and view past speaker presentations. **Missed the talk?** Watch the recordings **here.**

***For more information and event details*. Click here.**