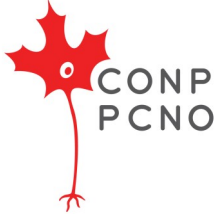# The Canadian Open Neuroscience Platform
First Quarter 2021 e-newsletter

The CONP is a national network supported by Brain Canada and matching funds from multiple donors that brings together many of Canada's leading scientists in neuroscience to form an interactive network of collaborations in brain research, interdisciplinary training, international partnerships, clinical translation and open publishing.
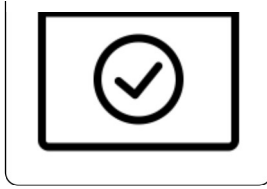
CONP News

Brain Canada has approved our no-cost extension request! The CONP is funded through October, 2021 and on track to complete our original grant objectives. We're also drafting our funding renewal application for submission by early fall 2021.

Brain Canada awarded a 2019 Platform Support Grant (PSG) to Dr. Alan Evans and his team that includes several CONP researchers. This will support EEGNet, an open repository to better investigate neurodevelopmental, psychiatric, and neurodegenerative brain disorders. Read more here.

Upcoming Events

developed a series of Neuroimaging lessons under The Carpentries Incubator to teach skills that contribute to reproducible brain science. Three online lessons will be given on three consecutive Fridays.

July 5-14, 2021: The Krembil Centre for Neuroinformatics is offering a two-week summer course on the integration of multi-scale neuroscience data. The course is open to grad students, post-grad research and clinical fellows, as well as early-career scientists. Register here.

July 21, 2021: For the July Speaker Series event, the Krembil Centre for Neuroinformatics presents Dr. Blake Richards. His talk is titled "A single self-supervised loss function can explain specialized pathways in mouse visual cortex." Learn more and register here. [CREATE AND LINK TO CONP WEBPAGE]

Do you have any upcoming events you want to share? Send us the details by emailing info@conp.ca

WHAT'S BEEN HAPPENING

April 7, 2021 - CONP Ethics Officer Michael Beauvais presented a webinar for CONP Scholars on "The Ethics of Open Neuroscience". Attending were CONP Scholars past and present, including members of the latest 2021 cohort.

April 14, 2021 - As part of the Neuro's Open Science in Conversation series, Helena Ledmyr (INCF) and J.B. Poline (Chair, CONP Technical Committee) discussed the principles and practices of data sharing in their conversation, "Make it Open, Make it FAIR, Make a Difference."

April 26, 2021 - "Communicating Science Openly" introduced NeuroLibre, the open publishing component of the CONP. This seminar and workshop was

April 26, 2021 - CONP partner Krembil Centre for Neuroinformatics hosted Dr. Joel Zylberberg for April's KCNI Speaker Series talk on "Learning from unexpected events in the neocortical microcircuit."

Fall 2020 Events

November 3, 2020 - The CONP presented a tutorial on the CONP Portal during the Ludmer Centre Workshop on a brain-region-specific expression-based polygenic score. This included the ePRS-5-HTT tool that has been containerized into a pipeline available through the CONP Portal. The 5-HTT-ePRS tool could enable early identification of those children with ADHD in need of intervention.

November 4, 2020 - Webinar with Violeta Ilik, FORCE11 and Dean of Libraries, Adelphi University

November 26, 2020 - Webinar with Amy Orben, "Approaches on Scientific Error", in collaboration with Open Science Basel

Jane Roskams, Chair of CONP Training Committee, gave a TEDxSeattle talk

November 11-12, 2020 - A number of CONP members gave presentations at the Neuro-Gairdner Open Science in Action Symposium:

- Samir Das (CONP Portal developer) – CONP Portal
- Rachel Harding (Chair, Communications Committee) – SGC Open Lab Notebooks
- Agâh Karakuzu and Elizabeth DuPre (CONP Scholars) - NeuroLibre
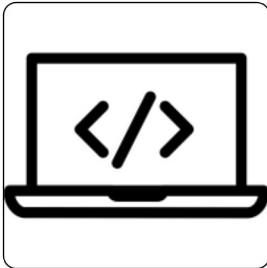- Sara Memar (CONP Scholar) - MouseBytes

November 30-December 18, 2020 - At Brainhack Global 2020, the CONP gave a live demo on how to use the CONP Portal and convened a project to encourage participants to share data and pipelines. The virtual event was

Visit Media & News to catch up on past events, view videos of some of our past webinars and keep up with CONP activities and developments.

CONP Committee Updates

Technical Committee

- Integration of CONP datasets and pipelines into CBRAIN with a direct link for easy processing

- Implementation of direct download through the frontend for small datasets without third-party accounts

- Partnerships with NTRIC and NEXUS

- Refining data sharing model to securely share data with research that have appropriate ethical standards, record usage and enforce acknowledgement

- Portal Analytics: https://portal.conp.ca/analytics

Communications Committee

- CONP Twitter account has over 1,000 followers! Follow along to meet all of our new CONP scholars #CONPScholar2021

- Neurolibre soft launch with Quebec Bio-Imaging Network, larger event to be held in summer 2021

- Refining the ethical governance of datasets added to the CONP Portal

- Examining the legal and ethical aspects of synthetic data

- Developing an ethics toolkit, a cohesive set of tools, information and resources to assist researchers in responsibly conducting open neuroscience research

Training Committee

- With the second (2020) and third (2021) rounds of the CONP Scholar Awards competition, an additional 39 scholars have joined the CONP community. Browse their profiles here!

- Continuing a series of webinars over the coming months to expose CONP scholars to the core components of the CONP, its resources and tools, and promote their active engagement in the CONP community and the practice of open science.

- The CONP is developing a collaboration with the INCF Training Space, using content and expertise from the CONP network to curate valuable resources specific to our community while contributing to the ongoing growth of the Training Space's international content and visibility.

Operations Committee

The Operations Committee has restructured the new CONP website and would like your opinion on its new look.

Visit the new website and fill out the 5-question survey.

Contact us at:

info@conp.ca

Want to change how you receive these emails?
You can update your preferences or unsubscribe from this list.