

Two Post-Doctoral Positions Available:

Two postdoctoral position are available immediately under the supervision of Dr. Lisa Saksida and Dr. Tim Bussey at the Robarts Research Institute, Schulich School of Medicine & Dentistry, The University of Western Ontario. The positions will focus on questions related to molecular and cellular mechanisms of information storage mainly in the hippocampus. The project will involve recording neuronal activity using miniscopes and fibre photometry, manipulating circuits with DREADDs and optogenetics, and integration of these techniques with sophisticated analysis of high-level cognition.

Cognitive neuroscience in health and disease is a major research focus at Western, which is currently supported by BrainsCAN, a \$66M Canada First Research Excellence Fund grant awarded to Western in 2016. The Robarts Research Institute and the Brain and Mind Institute together create a vibrant neuroscience research community with many opportunities for collaborations. The University of Western Ontario (www.uwo.ca) is a major educational and research center in Ontario with over 25,000 undergraduate and 5,000 graduate students. London, also known as the Forest City, is an affordable and lively community close to the Great Lakes and two hours from Toronto. The city offers many options for outdoor and cultural activities.

Qualified applicants should have a PhD degree in Neuroscience or related disciplines with significant expertise in studying mouse models. Prior experience in mouse surgery, fibre photometry, optogenetics, DREADDs, *in vivo* electrophysiology, data analysis using MATLAB, Python and/or R, documented in peer-reviewed publications will be an asset. We are looking for two highly-motivated individuals within 2 years of receiving a PhD. Salary will be paid commensurate with experience.

Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

Please send a statement of interest, Curriculum Vitae, and the names of at least two references to:

Dr. Lisa Saksida & Dr. Tim Bussey,
Robarts Research Institute, University of Western Ontario
Email: tcnlab@uwo.ca

TCNLab: <http://www.tcnlab.uwo.ca> @TCNLab

BrainsCAN: <https://brainscan.uwo.ca/> @Brains_CAN

Touchscreens: <https://touchscreen cognition.org/> @TouchScreenCog

Informal scientific enquiries are also welcome via email to Tim Bussey (tbussey@uwo.ca) or Lisa Saksida (lsaksida@uwo.ca)

