Western University | 1151 Richmond Street | London, Ontario, Canada, N6A 3K7

Join the team conducting groundbreaking cognitive neuroscience and imaging research at Western University!

Western ranks as one of Canada's top research-intensive universities. From fundamental to applied discovery, its researchers advance knowledge that provides tangible benefits for the economic, social, health and cultural development of citizens in London, in Canada and around the world. While the University has achieved acclaim for research in a full complement of disciplines, it has identified signature areas in which global-scale clusters of research excellence have been established, including Neuroscience/Brain & Mind.

Western University's BrainsCAN initiative recently received a substantial $66 million investment from the Canada First Research Excellence Fund (CFREF) – the largest research grant in the university's history – providing a significant boost to ongoing research in cognitive neuroscience and imaging at Western.

A major component of BrainsCAN is Elite Core Infrastructure, to provide essential support to our researchers. The BrainsCAN Rodent Cognition Core seeks to facilitate understanding of the circuits and mechanisms underlying cognition. Work carried out in the BrainsCAN Rodent Cognition Core capitalizes on the expertise of a world-leading group of researchers—including Tim Bussey, Lisa Saksida, Marco Prado, Vania Prado and Jane Rylett—to combine neurobiological techniques for manipulating brain circuits with sophisticated analysis of cognition using mainly touchscreen-based assessment systems. To learn more about BrainsCAN, please visit: http://www.uwo.ca/brainscan/index.html

BrainsCAN is seeking an experienced Neuroinfomatics Specialist to support this ground-breaking research to better understand disorders such as Parkinson's, Alzheimer's, traumatic brain injury and Schizophrenia.

As the **Neuroinfomatics Specialist**, you will support the development and application of novel algorithms, computational models, integrative methods, database and image analysis and will lead efforts to generate open access and searchable databases as well as automated quality control for touchscreen data and matching optical recordings of neuronal calcium with behavior. You will create new software and use a variety of program languages to drive the efforts for database generation, analyzing behavioral and optical data, content for manuscripts, scientific reports, and disseminating information. As the ideal candidate, you will have a Master's degree in Computer Science, Bioinformatics or Computational Neuroscience, with the preferred candidate having a PhD in Computer Science or a related discipline. You will have three (3) years' experience in programming and scripting, one (1) year experience working with psychological, biological or clinical data, one (1) year experience in open access and analysis of large datasets, including machine learning and experience in Behavioural Neuroscience, Optical Imaging (using GCaMP6) or Neurobiology. The preferred candidate should have experience in either Behavioural Neuroscience, brain imaging analysis, analysis of genomics data or statistics and experience using touchscreen tasks of cognition. This position is a regular full-time, permanent position within the Professional & Managerial Association at Western University. Western offers a comprehensive benefit package including but not limited to extended health, dental, vision and pension. The salary range for this position depends on the level of experience.

For more information and to apply please visit: http://www.uwo.ca/hr/working/staff/index.html
Interested applicants are asked to apply online to job reference 10444 by midnight Aug 2, 2017. Applicants must have fluent written and oral communication skills in English.

The university campus is in London, a thriving city of 400,000 people located midway between Toronto and Detroit. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the "Forest City" and boasts galleries, theatre, music and sporting events, and many opportunities for outdoor activities.

The University invites applications from all qualified individuals. 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.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Human Resources at hrhelp@uwo.ca or phone 519-661-2194.

We thank all applicants for their interest; however, only those chosen for an interview will be acknowledged.