



# Western Science

Departments of Computer Science  
Department of Statistical & Actuarial  
Sciences

## FACULTY POSITION IN COMPUTATIONAL NEUROSCIENCE

The Faculty of Science is inviting applications from exceptional investigators at all career levels for a probationary (tenure-track) position at the rank of Assistant or Associate or a tenured faculty position at the rank of Associate or Professor in *Computational Neuroscience*. This appointment is in association with BrainsCAN (<http://www.uwo.ca/brainscan>), a \$66M initiative funded by the Canada First Research Excellence Fund at Western University. The rank and appointment type of the successful applicant will be commensurate with qualifications and experience.

Applicants must have a Ph.D. or equivalent degree and be recognized internationally for excellence in computational neuroscience research. The successful candidate must have demonstrated an outstanding research record of publishing in the highest quality journals and/or conferences, and career-stage appropriate evidence of a successfully funded research program and supervision of graduate students and/or postdoctoral fellows.

The ideal candidate will develop and apply computational and statistical data analysis methods to the modeling of neurophysiological, behavioral, or neuroimaging data in order to better understand neuroscientific problems. Candidates may have an empirical neuroscientific component to their research program or may work primarily theoretically. The position will commence on July 1, 2017 or as negotiated.

The successful candidate will become a member of the Brain and Mind Institute ([www.uwo.ca/bmi](http://www.uwo.ca/bmi)) and will work in the highly collaborative environment in Neuroscience, a key area of research strength at Western University. The BMI has 30 Principal Investigators working in the areas of behavioral, cognitive and clinical neuroscience, nearly 200 trainees, and an interdisciplinary neuroscience graduate program. Facilities at Western include a full range of ultra-high field, research-only, MRI scanners (3T, 7T, 9.4T), state-of-the-art laboratories for cognitive and behavioral testing in humans and animals, and access to a large neurological patient population in affiliated teaching hospitals. Through BrainsCAN, there are excellent internal funding opportunities for research accelerator awards, postdoctoral research fellows, and graduate students.

The successful candidate will be appointed into the Department of Statistical & Actuarial Sciences (<http://www.stats.uwo.ca>) and/or the Department of Computer Science (<http://www.csd.uwo.ca>) as appropriate, in the Faculty of Science at Western (<http://www.uwo.ca/sci/index.html>). The successful candidate will be expected to establish and maintain a vigorous externally-funded research program and teach and supervise undergraduate, graduate and postdoctoral research trainees. Western Science is building on a strong collection of faculty members with expertise in spatiotemporal data analytics (Department of Statistical & Actuarial Sciences), topological data analysis (Department of Mathematics), data visualization (Department of Computer Science), and high performance computing (Departments of Applied Mathematics, Computer Science, and Physics & Astronomy). The Faculty has also developed a new Master of Data Analytics program with an anticipated start date of Fall 2017. An undergraduate program in Data Science is also currently under development. The successful candidate is expected to participate in these initiatives through the development of the data analytics & science curriculum related to computational neuroscience.

With a full-time enrolment of 32,000, Western University ([www.uwo.ca](http://www.uwo.ca)) is a leading research-intensive university with a full range of academic and professional programs. The university campus is in London, a thriving city of 380,000 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 an international airport, see ([www.ledc.com](http://www.ledc.com)). Western's Recruitment and Retention Office is available to assist in the transition of successful applicants and their families.

Applicants are invited to submit a letter of interest, a Curriculum Vitae, statement of research interests, a teaching statement, the names and contact information of three references, and completed *Application for Full-Time Position* at <http://www.uwo.ca/facultyrelations/pdf/careers/Faculty/Application-FullTime-Faculty-Position-Form.pdf> in confidence to:

Rebecca Gould  
Western University  
Western Science Centre 268  
1151 Richmond St,  
London ON N6A 5B7, CANADA  
email: [rgould4@uwo.ca](mailto:rgould4@uwo.ca)

Applications will be accepted until the positions are filled. Review of applications will begin on February 15, 2017.

*Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. 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.*

*In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents.*

*Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Rebecca Gould at 519-661-2111 ext 83617 or [rgould4@uwo.ca](mailto:rgould4@uwo.ca).*