TWO PROBATIONARY (TENURE-TRACK) FACULTY POSITIONS IN COMPUTATIONAL NEUROSCIENCE

The Faculty of Science is inviting applications from exceptional investigators for two probationary (tenure-track) faculty positions at the rank of Assistant or Associate Professor in *Computational Neuroscience*. The rank of the successful applicants will be commensurate with qualifications and experience. These unique appointments are initially funded through BrainsCAN (www.uwo.ca/brainscan), a $66M initiative funded by the Canada First Research Excellence Fund at Western University, and allow a research-intensive focus for the first 5 years of the appointment. Successful candidates will be provided a yearly research budget for this period, and will be eligible for further internal funding including research accelerator awards, and support for postdoctoral research fellows and PhD students. Given this unique federally funded research-intensive stream, candidates are not eligible to hold Canadian federal Tri-council funding as a PI for the BrainsCAN funded period, but may hold other grants. Candidates are expected to transition to a well-funded research program including Tri-council sources by the end of the 5-year period.

Applicants must have a Ph.D. or equivalent degree and be recognized internationally for excellence in computational neuroscience research. The successful candidates must have demonstrated an outstanding research record of publishing in the highest quality journals and/or conferences, and evidence of a successfully funded research program appropriate for their career path. The ideal candidates will develop and apply computational and statistical data analysis methods to the modeling of neurophysiological, behavioral, or neuroimaging data in order to significantly contribute to the advancement of neuroscience. Candidates with either theoretical or empirical research programs are encouraged to apply. The position will commence on July 1, 2018 or as negotiated.

The successful candidates will become members of the Brain and Mind Institute (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) and state of-the-art laboratories for cognitive, behavioral, and neurophysiological testing in humans, non-human primates and rodents.

The successful candidates will be appointed into one, or more, of either the Department of Statistical & Actuarial Sciences (www.uwo.ca/stats), the Department for Applied Mathematics (www.uwo.ca/apmaths), and the Department of Computer Science (www.csd.uwo.ca) as appropriate, in the Faculty of Science at Western (www.uwo.ca/sci). They will be expected to establish and maintain a high calibre research program 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 Math), computer vision and machine learning (Department of Computer Science), Mathematical Biology (Department of Applied Math), and high performance computing (Departments of Applied Math and Computer Science). The Faculty has also developed a new Master's degree program in Data Analytics and a new undergraduate program in Data Science, both of which enrolled their first students in September 2017. The successful candidates are expected to participate in these initiatives through the development of the data analytics and data science curriculum.

With a full-time enrolment of 32,000, Western University (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 (http://www.london.ca/about-london). 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

Applications will be accepted until the positions are filled. Review of applications will begin on December 1st, 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 86997 or rgould4@uwo.ca.

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