

Probationary (Tenure Track) Faculty Position - Systems Neuroscience in Higher Order Cognitive Circuits
Schulich School of Medicine & Dentistry

The [Schulich School of Medicine & Dentistry](#) at Western University invites applications from outstanding early career investigators for a full-time probationary faculty position at the rank of Assistant Professor in the area of neural circuits in non-human primates, preferably (but not limited to) marmosets. The successful applicant will be appointed in a Basic Science Department within the Schulich School of Medicine & Dentistry best suited to the applicant's discipline, such as the Department of [Physiology and Pharmacology](#) or [Medical Biophysics](#).

The Schulich School of Medicine & Dentistry fosters an interdisciplinary approach to research and teaching that is enabled by state-of-the-art facilities and a common mission to innovate, integrate and translate breakthrough biomedical and health knowledge research. The successful candidate will have access to advanced imaging facilities within the [Centre for Functional and Metabolic Mapping](#) (CFMM) at [Western's Robarts Research Institute](#). The CFMM houses Canada's only collection of high-field and ultra-high-field MR systems, including both 3T and 7T human/animal scanners, a marmoset-optimized 9.4T scanner and 15.2T scanner optimized for rodent and ex vivo tissue, a marmoset-dedicated Bruker Ultima 2P+ microscope, and a UltraMicroscope Blaze II light sheet microscope (housed in Western Advanced Microscopy Core). The CFMM has a strong history of developing custom hardware to accommodate non-human primate imaging paradigms. Dedicated support for merging MRI and microscopy data is available through the Brain Canada funded [MIND platform](#). The successful candidate will be expected to contribute to both the teaching and research mission of the School and Western University in areas such as neurophysiology, neuropharmacology, or medical imaging.

Applicants must have a PhD in Physiology, Neuroscience, Psychology, Medical Biophysics or a related field, as well as an outstanding record of achievement in research relevant to the area of nonhuman primate neuroscience. Evidence of a strong record of peer-reviewed publications is expected, and success in obtaining peer-reviewed funding will be an asset. Applicants should have a demonstrated record of achievement in teaching and mentorship, and in their application articulate a clear plan for the integration of equity, diversity, and inclusion in their research and teaching. The successful candidate will be expected to: 1) establish and maintain a vigorous externally funded research program, 2) excel in teaching at the undergraduate and graduate level, 3) supervise undergraduate, graduate, and postdoctoral research trainees, and 4) demonstrate potential for developing innovative approaches within a collaborative research environment.

London, Ontario has a proud history as a leading destination for research in medical imaging and is home to several state-of-the-art research & core facilities that have been revitalized through recent major investments. These include but are not limited to: a new Biomedical Research Facility for animal housing, an Animal Cognition and Behavioural Neuroscience Core, a Western Advanced Microscopy Core, a Translational Imaging Research Facility, and an Imaging Pathogens for Knowledge Translation (ImPaKT) Facility with Containment Level 2+ and 3 cell culture laboratories and animal housing. We have world-class facilities in genomics, proteomics and transcriptomics at the single cell level, flow cytometry, synthetic biology and molecular pathology. A partnership between GE Health Care and St. Joseph's Health Care has established a Centre of Excellence in Molecular Imaging and Theranostic which houses a Health Canada licensed Cyclotron and Radiopharmaceutical manufacturing facility, a new PET/CT Omni 2 Legend system with protected research time, Canada's first PET/MR, and a suite of preclinical imaging equipment for small and large animals. In addition, state-of-the-art clinical PET and basic science radiochemistry facilities are available at Victoria Hospital and Victoria Research Laboratories (at London Health Sciences Center). More information on facilities can be obtained at: https://www.schulich.uwo.ca/research/research_excellence/core_facilities.html and <https://lawsonimaging.ca/facilities>

Western is one of Canada's leading research-intensive universities, and the Schulich School of Medicine & Dentistry has a long history of excellence in basic biomedical, applied and clinical research. Western has a full range of academic and professional programs for over 37,000 undergraduate and graduate students. The university campus is in London, with a metropolitan census of approximately 530,000, located midway between Toronto and Detroit. London boasts an international airport, galleries, theatre, music and sporting events and is located close to several lakes and facilities for outdoor activities (www.goodmovelondon.ca). Western's Recruitment and Retention Office

is available to assist in the transition of successful applicants and their families to the university and city.

Western, like many postsecondary institutions in Canada, is moving beyond sole reliance upon Indigenous self-identification in its hiring processes. This is to safeguard against the use of incorrect, incomplete, or misleading information in circumstances in which a candidate has made a declaration of Indigenous citizenship or membership. Candidates who are invited for an interview or who are short-listed, and who have made a declaration of Indigenous citizenship or membership for material advantage at Western, including where required or preferred for the position, will be asked to have their declaration of Indigenous citizenship or membership affirmed through a relational accountability process, led by the Office of Indigenous Initiatives (OII), that is consistent with Indigenous ways of knowing, being, and doing. Please contact the OII directly for details on the affirmation processes:

<https://indigenous.uwo.ca/>.

The policy can be viewed at:

[POLICY 1.58 - Affirming Declarations of Indigenous Citizenship or Membership at Western University](#).

The application should include:

- 1) a cover letter addressing how your expertise and proposed research fit this position,
- 2) a detailed Curriculum Vitae,
- 3) description of research interests, accomplishments, and future plans (maximum of 4 pages)
- 4) teaching and mentoring statement including how you will contribute to an equitable, diverse and inclusive academic environment (maximum of 2 pages)
- 5) copies of no more than three representative publications,
- 6) the names/contact information of three academic referees and
- 7) the completed Application for Full-Time Faculty Position Form

<https://www.uwo.ca/facultyrelations/pdf/full-time-application-form.pdf>

Please email the above materials as individual or combined PDF attachments, in confidence to:

Dr. Cheryle Séguin, Search Committee Chair
Schulich School of Medicine & Dentistry
Western University

Emailed to: physpharm.admin@schulich.uwo.ca

Applications will be accepted until the position is filled. Review of applications will begin on February 20, 2026. The expected start date is July 1, 2026, or as negotiated with the successful applicant. Salary for this position will be commensurate with qualifications and experience.

Positions are subject to budget approval. Applicants should have fluent written and oral communications 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, Indigenous peoples, 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 Sue-Ann Becker at sbecker2@uwo.ca or by phone 519-661-2111 ext. 83461.

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