



Department of Medical Biophysics
Schulich School of Medicine & Dentistry
Western University



Translational Vascular and Microvascular Biophysics

The Department of Medical Biophysics, within the Schulich School of Medicine and Dentistry, invites applications for a full-time probationary (tenure-track) faculty position at the rank of Assistant Professor, to begin on July 1, 2018. This position will have a research focus on vascular and/or microvascular function under conditions of health, disease and elevated disease risk, with excellent potential for developing translational collaborations within our evolving group. The position is intended for those at the Assistant Professor rank, although exceptional candidates will be considered at higher ranks as appropriate. The successful candidate will be appointed in the Department of Medical Biophysics in the Schulich School of Medicine & Dentistry. .

The position will fit into a growing initiative in translational vascular and microvascular science, involving investigators from Western's Departments of Medical Biophysics, Physiology and Pharmacology, Kinesiology, Pathology & Laboratory Medicine, Epidemiology & Biostatistics and multiple clinical departments including Medical Imaging. The successful applicant will have expertise that can span two of the following approaches to vascular and microvascular science:

1. Computational/modeling of vascular/microvascular function
2. Basic science approaches using appropriate models of health or disease
3. Clinical/human subject research approaches into health, disease or interventional strategies

Applicants must possess an MD/PhD or PhD degree in Biophysics, Physiology, Exercise Physiology, Biomedical Engineering, Biochemistry, or a related discipline, and exhibit a strong record of peer-reviewed publications, with a high degree of potential for garnering independent grant support and participating in translational research teams. The applicant must have demonstrated a potential for developing innovative approaches within a collaborative research environment and a minimum of three years of relevant postdoctoral research experience. Compensation for this position will be commensurate with qualifications and experience.

Our departmental website (<http://www.schulich.uwo.ca/biophysics/>) describes our collaborative research-intensive environment involving over 100 graduate students and 70 principal investigators from the University and its affiliated research institutes across the city of London: Lawson Health Research Institute, Robarts Research Institute, the Biomedical Imaging Research Centre and our affiliated hospitals.

Western is one of Canada's leading research-intensive universities, and Schulich 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.

Please send a detailed *curriculum vitae*, a statement of research objectives, the names of three referees, and the form available at:

<http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf> is included with your application to:

Professor Jefferson Frisbee
Chair, Department of Medical Biophysics
c/o Kathleen Mendelin
Medical Sciences Building, M405
Western University
London, Ontario Canada N6A 5C1
FAX: (519) 661-2123
EMAIL: kathleen.mendelin@schulich.uwo.ca

Applications will be accepted until the position is filled. Review of applications will begin after August 10, 2017. Anticipated start date is July 1, 2018 or as negotiated.

Business Addresses:

Western University, 1151 Richmond Street, N., London, Ontario N6A 5B8, www.uwo.ca

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 Kathleen Mendelin at kathleen.mendelin@schulich.uwo.ca phone 519-661-2111 ext. 86788.

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