



Probationary (Tenure-Track) Appointment Department of Medical 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 or Associate Professor, to begin on July 1, 2020.

The preferred candidate will have demonstrated expertise in the development of biomedical technologies such as medical imaging, wearable and embedded sensors, additive manufacturing, and machine learning for applications in musculoskeletal health, with a particular focus in joint replacement. Candidates must have experience or demonstrated commitment towards translation of novel developments, including through commercialization pathways and industry partnerships. The ability to employ these technologies to generate complex data sets in biomechanical testing simulations and in clinical trials with patients is strongly preferred. The successful applicant must be able to excel in interdisciplinary team environments, especially with clinical faculty collaborators in the Departments of Surgery and Medical Imaging, to address broader issues of health outcomes and economics of the healthcare system as it relates to musculoskeletal health.

Applicants must possess a PhD degree in Biophysics, Physiology, Biomedical Engineering, 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. While this is a research-intensive position, the successful applicant must have a demonstrated track record of excellent performance in education as well as contributions to graduate and undergraduate education are expected. 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 and hospitals across the city of London. The successful applicant will have opportunities for additional cross appointments in appropriate clinical departments, along with appointments and full access to state-of-the-art imaging equipment within the Lawson Health Research Institute, Robarts Research Institute, and Biomedical Imaging Research Centre.

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, MSB 407
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 April 27, 2020. Anticipated start date is July 1, 2020 or as negotiated.

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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