



Canada Research Chair (Tier 2) Data Analytics for Exercise, Mobility and Health

The Faculty of Health Sciences and the Faculty of Science at Western University invite applications for a Tier 2 Canada Research Chair (CRC) in Data Analytics for Exercise, Mobility and Health at the rank of Assistant or Associate Professor, Probationary (tenure-track). Salary will be commensurate with qualifications and experience. The successful candidate will have demonstrated a passion for studying the impact of physically active lifestyles and/or expertise on broadly defined health outcomes. They will have methodological expertise in techniques which may include, but are not limited to, machine learning, mHealth, internet of things data acquisition and analysis, mathematical modelling, or advanced statistical analysis.

The successful candidate will hold a PhD with advanced background in Kinesiology, Rehabilitation Sciences, or Neurosciences, and/or in a quantitative discipline such as Applied Mathematics, Computer Science, Engineering, Mathematics, Physics, or Statistics and will be appointed either in the School of Kinesiology or jointly between Kinesiology and a department of the Faculty of Science such as Applied Mathematics, Computer Science, or Statistical & Actuarial Sciences. The successful candidate's research interests will be supported by a record of external funding, publications in field-specific journals, and national/international exposure through invited lectures and/or conference symposia as appropriate for their discipline and career stage. Evidence of research leadership potential would be beneficial. In short, the successful candidate will be an emerging researcher with demonstrated research activity and creativity, acknowledged by peers as possessing the potential to achieve international recognition and to lead in their field in the next five to ten years, and possess the potential to attract and develop excellent trainees, students, and future researchers.

The Chairholder will be expected to contribute towards growing collaborations among researchers and resources within the Faculty of Health Sciences and the Faculty of Science. The Chairholder may benefit from existing, and developing, interactions with world-class programs of research and outreach such as the Canadian Centre for Activity and Aging (<http://www.uwo.ca/ccaa/>), the Bone and Joint Institute (<http://boneandjoint.uwo.ca/>), the Brain and Mind Institute (<http://www.uwo.ca/bmi/>) and BrainsCAN initiative (<http://www.uwo.ca/brainscan/>), and the Parkwood Institute Research (<https://www.lawsonresearch.ca/research-theme/parkwood-institute-research>). Our researchers are supported by world-class facilities and infrastructure including the computational capacity in SHARCNET (www.sharcnet.ca) and the Southern Ontario Smart Computing Innovation Platform (www.soscip.org). The Chairholder will be eligible to apply for infrastructure support from the Canada Foundation for Innovation to help acquire essential state-of-the-art equipment.

In accordance with the regulations set for Tier 2 Canada Research Chairs (www.chairs-chaieres.gc.ca), Tier 2 chairs are intended for exceptional emerging scholars (i.e., candidates must have less than 10 years of experience as an active researcher in their field at the time of nomination). Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process; please contact Research Development at The University of Western Ontario at ResearchWesternCRC@uwo.ca for more information. Please consult the Canada Research Chair website for full information, including further details on eligibility criteria. http://www.chairs-chaieres.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx.

The selected candidate will be nominated by The University of Western Ontario to apply for the Tier 2 CRC in Data Analytics for Exercise, Mobility and Health. This academic appointment is conditional upon the successful award of the CRC Tier 2 to the candidate.

Western has a full-time enrolment of approximately 32,000 in a range of academic and professional programs, including a new professional Master's program in Data Analytics <http://uwo.ca/mda>. With annual research funding exceeding \$220 million, and an international reputation for success, Western ranks as one of Canada's top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada's most beautiful campuses. Information about the Faculty of Health Sciences can be found at www.uwo.ca/fhs, the Faculty of Science at www.uwo.ca/sci, and Western at www.uwo.ca. The University of Western Ontario's Recruitment and Retention Office is available to assist in the transition of successful applicants and their families.

Western University recognizes that our commitment to equity, diversity and inclusion is central to the University's mandate as a research intensive institution of higher learning and a community leader. Western understands that our pursuit of research excellence and our commitment to equity, diversity and inclusion are mutually supporting. As such, Western is committed to achieving and maintaining an equitable representation amongst our Canada Research Chair holders, as well as within Western's broader research enterprise.

The University of Western Ontario recognizes the potential impact that legitimate career interruptions can have on a candidate's record of research achievement. Potential candidates are encouraged to explain within their application the impact that career interruptions have had on their record, and to submit a full career or extended CV to a chairholder position in cases where they have had career interruptions.

The anticipated start date of the appointment is July 1, 2019. Applicants are required to complete the *Application for Full-Time Position* form available at <http://www.uwo.ca/facultyrelations/pdf/full-time-application-form.pdf> and submit it along with i) a cover letter, ii) a detailed curriculum vitae, iii) a brief description of the candidate's current research program, past accomplishments and future plans, iv) links to representative publications, and v) the names and contact information of three references **as a single pdf file** to:

Dr. Laura Misener, Acting Director, School of Kinesiology
Faculty of Health Sciences, Western University
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The deadline for receipt of applications is March 8, 2019.

Please quote number HS 191 on all correspondence for this position.

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, Indigenous peoples/Aboriginal 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 Dr. Laura Misener, Acting Director, School of Kinesiology at laura.misener@uwo.ca or 519-661-2111 ext. 86000.

Posted on Faculty Relations website January 31, 2019. (#213)