Assistant Professor, Digital Health, Data Systems, and Data Science

The School of Public Health Sciences in the Faculty Health at the University of Waterloo invites applications for an exceptional scholar and researcher for a tenure-track faculty position in **Digital Health, Data Systems, and Data Science (public health and healthcare applications of data)**. The initial appointment will be at the rank of Assistant Professor with an anticipated start date of July 1, 2023. In the case of an exceptional candidate, appointments at the rank of Associate Professor may be considered.

The successful candidate must demonstrate evidence of an actively developing research program with emphasis on any of the following: public health or healthcare data systems; data science; use of large-scale survey/clinical/administrative data to support and evaluate policy, public health interventions, healthcare services; applications of artificial intelligence in public health/healthcare analytics (e.g., disease surveillance, outbreak detection algorithms, and infectious disease modelling, social network analysis). Duties include research, teaching at the undergraduate and graduate level, and supervising graduate students. The ability to develop and teach an array of in-person and on-line courses is required. The successful candidate will be expected to contribute to teaching courses in the School's Master of Health Informatics program. Applicants whose research aligns with the strategic plan of the School, which aspires to improve and enhance the health and well-being of individuals and populations, would be especially appealing.

The successful candidate will have a PhD in a discipline relevant to these areas of research (e.g., biostatistics, public/population health, applied mathematics, health economics, systems or software engineering, health services research, epidemiology, or computer science). Experience working with public health or healthcare data is considered an asset. The successful candidate will be expected to propose an innovative program of high-quality research that will attract external funding and excellent graduate students. Evidence of a successful record of Tri-Agency funding is a strength.

The starting salary will be commensurate with rank of appointment, and based on qualifications, experience, and research record. The salary range for an Assistant Professor is $90,000 to $130,000. The salary range for an Associate Professor is $125,000 to $150,000. Negotiations beyond these salary ranges will be considered for exceptionally qualified candidates.

Health informatics is a key strategic area for the School of Public Health Sciences, with eight of our thirty-eight faculty members focused on or highly engaged in this area. As well, a key priority for the University of Waterloo is to lead nationally and globally at the interface of society, health, and technology. Health data science researchers can play a key role in this area, as well as within the university's the University of Waterloo's AI Institute and the new Health Innovation Arena, which is under way to amplify Canada's health tech sector.

The School of Public Health Sciences is an active and vibrant multi-disciplinary community. We have forty-one faculty members and offer research-focused MSc and PhD degrees in Public Health Sciences; a BSc in Health Sciences; a Bachelor of Public Health; professional master's degrees in Public Health, Health Evaluation, and Health Informatics; and a Collaborative PhD specialization in Aging, Health, and Well-Being. Visit our website at the School of Public Health Sciences (https://uwaterloo.ca/public-health-sciences/) for more detail on programs and faculty profiles.

The closing date for applications is **January 31, 2023.** Three letters of reference will be requested for applicants invited for an interview. Send a letter of interest, curriculum vitae, and separate statements describing your program of research, teaching and supervision experience, and list with name and email address of at least three references to: Dr. Ellen MacEachen, Director, School of Public Health Sciences, University of Waterloo, 200 University Avenue, Waterloo, Canada, N2L 3G1. Alternatively, application materials and references may be sent electronically to Dr. MacEachen via Carol West-Seebeck cwestsee@uwaterloo.ca.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office (https://uwaterloo.ca/human-rights-equity-inclusion/indigenousinitiatives).

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism, and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview or workplace accommodation requests, please contact Carol West-Seebeck cwestsee@uwaterloo.ca.

If you have any questions regarding the position, the application process, assessment process, or eligibility, please contact Carol West-Seebeck cwestsee@uwaterloo.ca.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: https://uwaterloo.ca/faculty-association/why-waterloo.