Faculty Openings in BIOMEDICAL SYSTEMS
SYSTEMS DESIGN ENGINEERING
UNIVERSITY OF WATERLOO

The University of Waterloo has started a new program in Biomedical Engineering, housed in the Department of Systems Design Engineering. Applications are invited for a tenure-track faculty position at the rank of Assistant or Associate Professor. Candidates must possess a PhD degree, preferably in engineering, and must be eligible for registration with the Professional Engineers of Ontario and commit to registering within three years.

We are seeking a candidate in Biomedical Engineering, with a focus in one or more of our three theme areas: Biomechanics (e.g., biofluids, tissue mechanics, sports engineering, rehabilitation), Biosignals (e.g., medical imaging, electrograms, diagnostics, machine learning), and Biodevices (e.g., biomedical sensors, biomedical instruments, therapeutic devices, Bio-MEMS, assistive devices, implants, prostheses/orthoses). The successful candidates will be expected to supervise graduate students, to develop a leading-edge research program, and to teach both undergraduate and graduate courses in engineering science and engineering design fundamentals with biomedical applications.

Our departmental philosophy is to take an integrative and multidisciplinary approach to creative problem solving, modeling, and design; thus enthusiasm is encouraged for collaborative and interdisciplinary research within the Department, Faculty, University, and world-wide. We seek individuals who have developed or who have the capability to develop robust and sustained externally-funded research programs that complement existing strengths in the Department and Faculty.

Please submit with the application a statement of teaching interests and goals, per the instructions at Systems Design Open Positions. Three letters of reference will be requested for applicants invited for an interview. Applications should be forwarded to Ms. V. Lawrence, Department of Systems Design Engineering, University of Waterloo, Waterloo, Ontario, Canada, N2L 3G1, preferably by email to vlawrence@uwaterloo.ca.

Applications will be received until a closing date of June 15, 2017. The salary range for this tenure-track position is $100,000 to $150,000, depending on experience. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. The University of Waterloo respects, appreciates and encourages diversity. We welcome applications from all qualified individuals including women, members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. The appointment has a preferred starting date between September 1, 2017 and January 1, 2018.

Three reasons to apply: https://uwaterloo.ca/fauw/why