Faculty Opening in HUMAN FACTORS

SYSTEMS DESIGN ENGINEERING
UNIVERSITY OF WATERLOO

The Department of Systems Design Engineering at the University of Waterloo offers programs in Systems Design Engineering and Biomedical Engineering, and is a partner in the Mechatronics Engineering program. The programs are highly interdisciplinary, with an emphasis on analysis, design, and creativity. Applications are invited for a tenure-track faculty position in Systems Design Engineering 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 Human Factors Engineering, with a solid background in human factors approaches and methods including modeling, human performance measurement, experiment design, simulation and product design. Applications of interest include, but are not limited to, human interaction with automation, human-robot interaction, interaction with autonomous vehicles, neuroergonomics, and human factors in healthcare. The successful candidate will be expected to supervise graduate students, to develop a leading-edge research program, and to teach both undergraduate and graduate courses in human factors and engineering fundamentals.

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 in both academic and industry sectors. 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. Vicky 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 March 15, 2017. The salary range for this tenure-track position is $100,000 to $150,000, depending on experience. Negotiations beyond this salary range may 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 of May or September 2017.

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