Full Professor and Department Chair, The Department of Systems Design Engineering, University of Waterloo, Canada.

The Department of Systems Design Engineering in the Faculty of Engineering at the University of Waterloo is inviting applications and nominations for the position of Department Chair. The successful candidate will be appointed at the rank of a tenured full professor and is expected to have a distinguished record of teaching and research, be a person of academic stature, appointed for her/his intellectual and administrative abilities and qualities of leadership. The first term of office for a department chair is four years, renewable for four years. Following the appointment as Chair, the appointee will assume regular faculty member duties within the Department.

Home to 830 undergraduate students, 160 graduate students, 12 staff, and 38 faculty members, the Department is a unique and innovative research and learning environment centered around the use of systems design methodology to engage in technical, environmental, socioeconomic and political aspects of the engineering process to better understand and change the world.

Systems Design Engineering at the University of Waterloo offers co-operative education undergraduate degrees in both Systems Design Engineering and in Biomedical Engineering, as well as Master and Ph.D. programs, attracting the best and brightest students from across Canada and around the world. The Department's success has led to rapid growth, with several new faculty hires over the past few years that have shaped the Department's research agenda and expertise to align with emerging research areas. The world-class research of our faculty and students is spurring innovation in a diversity of transdisciplinary methodological and application areas that include: 1) Artificial Intelligence and Neuroscience; 2) Robotics, Mechatronics, and Assistive Technologies; 3) Virtual and Physical Systems Optimization; 4) Human Factors and Ergonomics; and 5) Technological, Societal, & Environmental Systems Theory and Decision-Making. Details of our vibrant research culture are available at https://uwaterloo.ca/systems-design-engineering/research.

The University of Waterloo is a world leader in innovation and entrepreneurialism. Located at the heart of Canada's Technology Triangle, just west of Toronto, our researchers and students benefit from close connections with Canada's highest concentration of high-technology and manufacturing companies, as well as University of Waterloo's unique intellectual property policy, which vests the rights with the inventor. QS World University Rankings has recognized the Waterloo Faculty of Engineering as amongst the top 50 engineering schools worldwide.

The Department is keen to continue to advance its position and profile, educating first rate engineers and highest calibre researchers in Systems Design Engineering. The Chair will lead the Department in implementing its strategic plan for education and research, and will play a crucial role in shaping the direction of the Faculty of Engineering with the opportunity to guide future hiring of upcoming and vacant positions. The successful applicant will have a relevant PhD degree, and is expected to hold an

engineering license for practice in Canada or be eligible to apply for an engineering license with Professional Engineers Ontario immediately upon appointment.

The salary range for the position is $150,000 to $200,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

Applications and nominations should include a detailed curriculum vitae, a brief statement of administrative, teaching and research experience, and references. The successful candidate is expected to take office by April 1, 2020. The committee will begin to review complete applications upon receipt, however, to ensure full consideration, applications must be received by September 30, 2019. The Search Committee is committed to respecting the confidentiality of applicants. Send applications and nominations to:

Dr. Pearl Sullivan

Dean, Faculty of Engineering

University of Waterloo

200 University Avenue West

Waterloo, Ontario

Canada N2L 3G1

engeo@uwaterloo.ca

Hiring is subject to budgetary approval.

The University of Waterloo respects, appreciates and encourages diversity and is committed to accessibility for persons with disabilities. 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 in the recruitment process.

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