

**Building on our record of excellence in undergraduate education, Waterloo Engineering is working to become Canada's premier engineering school through its Vision 2010 Strategic Plan. The plan is ambitious, but practical.**

The Department of Management Sciences is proud to play a significant role in the Vision 2010 Plan with a new undergraduate program in Management Engineering. This program, unique in Canada, will start in September 2007. The Department of Management Sciences will be hiring 13 new faculty members between now and 2011 to accommodate this growth.

Management Engineering integrates the knowledge from traditional areas of industrial and systems engineering, operations research and information systems. It couples this knowledge with the social sciences and tools drawn from management and business.

In 2007-2008, we invite applications for three tenure-track/tenured faculty positions at the Assistant, Associate or Full Professor level. Faculty members are expected to teach both undergraduate and graduate courses, supervise graduate students, and develop a strong sponsored research program. Candidates with an undergraduate degree in engineering or those who may qualify for registration as a Professional Engineer are preferred.

### **Behavioural Sciences**

We seek an individual with a Ph.D. in a behavioural science including, but not limited to, organizational behaviour, psychology, sociology, or industrial/systems engineering with interests related to work, technology and organization. Experimental or empirical researchers with a strong theoretical foundation and with research and teaching interests in applied aspects of technology use, new product development, socio-technical systems or human-computer interaction are preferred. Current behavioural research by department faculty members ranges from experimental work on decision-making, knowledge representation and problem solving, to field studies of organizational innovation, technological change and the implications of information technology in organizations. Teaching will include courses in Organizational Behaviour, Organizational Design, and other related topics.

Review begins February 28, 2007. Apply at: <http://www.mansci.uwaterloo.ca/OFAS/>

### **Information Systems**

We seek an individual with a Ph.D. in information systems with a background in, but not limited to, information science, software engineering, computer science, or industrial/systems engineering with interests related to the applied use of information theory, systems and/or technology to decisions made by organizations or

individuals. Experimental or empirical researchers with a strong theoretical foundation and with research and teaching interests in applied aspects of improving, facilitating, or understanding the role of information technology in decision making processes at the operational or strategic level are preferred. Teaching will include courses in software engineering, database systems, human-computer interaction, telecommunications, and other related topics.

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### **Operations Research**

We seek an individual with a PhD in applied operations research or management who has interests in both theoretical and applied aspects of probabilistic modelling. The successful candidate will preferably have an undergraduate degree in industrial/systems engineering, or a related discipline, and have research and teaching interests in inventory/supply chain management, transportation, energy or health care management. Teaching will include courses such as introductory operations research, probability and statistics, stochastic processes, queuing theory, production and inventory management.

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Applicants should submit their curriculum vitae, a statement of research and teaching interests, one or more published or unpublished papers, and the names of at least three references to the Management Sciences search committee. Applications are to be submitted electronically at <https://www.mansci.uwaterloo.ca/OFAS/>. For further information, please contact the chair of Management Sciences:

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Review of applications will begin by February 28, 2007 and will continue until the positions are filled.

All qualified candidates are encouraged to apply; however Canadian citizens and permanent residents will be given priority. The University encourages applications from all qualified individuals including women, members of visible minorities, native peoples, and persons with disabilities.