Faculty Position in Transportation Engineering

The Department of Civil Engineering at McMaster University invites applications from outstanding candidates for a tenure-stream position in the area of Transportation Engineering. This position is targeted at the Assistant level; however, highly qualified individuals will be considered at the Associate or Professor level. Applicants must have a PhD in Transportation Engineering or equivalent and are expected to become a registered Professional Engineer in the province of Ontario. We seek a unique and dynamic colleague who will positively contribute to the teaching, research and service efforts of the Department. Candidates must also demonstrate an ability to work collaboratively in an interdisciplinary and student centred environment.

We are particularly interested in candidates with a track record involving innovative and collaborative research in advanced technologies, big data management, and planning, operation, and management of transportation systems and infrastructure. Research areas of interest include, but are not limited to: Connected and Autonomous Vehicles; Smart Cities; Cyber-Physical Systems for Transportation; Transit Design, Operation, and Management; Transportation Safety; Transportation Data Analytics; Traffic Modelling; and integration with other engineering disciplines such as construction, energy, sustainability, risk and resiliency.

The Faculty of Engineering at McMaster University has a reputation for innovative programs, cutting-edge research, renowned faculty, and aspiring students. It has earned a strong reputation as a hub for academic excellence and innovation. The Faculty has approximately 180 faculty members, and close to 4,500 undergraduate and 1,000 graduate students. The Faculty of Engineering promotes a nurturing and inclusive environment where opportunities are made available for personal growth and professional development (http://www.eng.mcmaster.ca/fda/). Applicants are expected to have demonstrated an ability to work effectively with individuals from diverse communities and cultures.

McMaster Civil Engineering has a high reputation in both research and teaching, as one of the top Departments for Civil Engineering in Canada. Our Civil Engineering Program is currently ranked in the top 3 in Canada and in the top 30 in the world (ARWU). With a vision of building healthier communities, our faculty members work collaboratively in the following four research themes: Resilient Infrastructure Systems, Smarter Mobility, Water Security and Climate Change, and Intelligent Energy Systems. The Department is home to the McMaster Institute for Transportation and Logistics and the McMaster Interface Institute for Systemic Risk Studies. The successful candidate will be expected to teach courses in both our graduate and undergraduate civil engineering programs, supervise graduate students and develop a strong research program by attracting funding from granting agencies and other external sources to support her/his research activities.

Salary and rank are commensurate with experience and qualifications. Applicants are asked to send a cover letter; their curriculum vitae; a brief description of their current research program, accomplishments and future plans; a description of teaching experience and philosophy; and names of three referees in a single PDF file by email (cr_ugciv@mcmaster.ca) to Dr. Michael Tait, Chair, Department of Civil Engineering, McMaster University. Applications review will begin immediately and
the appointment will ideally commence July 1, 2018. However, applications will be accepted until the position is filled.

All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be given priority for these positions.

McMaster University is strongly committed to employment equity within its community and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates including women, persons with disabilities, First Nations, Metis and Inuit persons, members of racialized communities and LGBTQ-identified persons.

If you require any form of accommodation throughout the recruitment and selection procedure, please contact the Human Resources Service Centre at Extension 222-HR (22247).

To comply with the Government of Canada’s reporting requirements, the University is obliged to gather information about applicants’ status as either Permanent Residents of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements in the cover letter:

Yes, I am a citizen or permanent resident of Canada

No, I am not a citizen or permanent resident of Canada