Assistant Professor in Civil Engineering
(Tenure-Stream)
Concrete Materials

The DEPARTMENT OF CIVIL ENGINEERING AT THE UNIVERSITY OF TORONTO invites applications for a tenure stream position at the Assistant Professor level in the area of Concrete Materials and specifically related to microscopy, petrography and analytical methods. The appointment to this position will be made by July 1, 2010 or as soon as possible thereafter.

The Department of Civil Engineering at the University of Toronto is committed to excellence in teaching and interdisciplinary research at the leading edge with strength in both experimental and modeling research. Evidence of excellence in teaching and research is necessary. Candidates should hold a Ph.D. degree with specialization related to concrete materials and be eligible for registration as a Professional Engineer in Ontario. The successful candidate is expected to have excellent communication skills, be able to supervise graduate students, and teach undergraduate and graduate courses in Civil Engineering. Salary will be commensurate with qualifications and experience.

This position is created through the NSERC/ Cement Association of Canada Industrial Research Chair in durable and sustainable Concrete (Senior Chair held by Prof. R.D. Hooton) and research is expected to relate to the Chair activities. Candidates for this position should display a strong research background in microscopy, mineralogical, analytical and petrographic methods as they apply to concrete materials and durability. An interest in sustainability of concrete as a building material and reuse/recycling of materials is desirable. Experience in modelling of concrete durability would be an asset.

The Concrete Materials laboratories in the Department of Civil Engineering are well equipped with experimental tools for microscopic and mineralogical analysis, pore structure and fluid transport measuring devices, facilities for testing for various forms of durability issues.

All interested parties are encouraged to apply on line at http://www.jobs.utoronto.ca/faculty.htm. Closing date for applications is April 16, 2010. If you are unable to apply on line, contact Professor Brenda McCabe, Chair, Department of Civil Engineering, 35 St. George St., GB107, University of Toronto, Toronto, Ontario, Canada, M5S 1A4. Application should include a detailed curriculum vitae (including publications and evidence of capacity and impact), a description of research, teaching and professional interests, and, a list of at least four professional and character references. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

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