Posting Date: March 28, 2019

Job Opportunity: Institute of Communication, Culture, Information and Technology, University of Toronto Mississauga

Position: Ref. MC105 Postdoctoral Fellowship in Human-Machine Communication, full-time.

Location: Mississauga/Toronto, ON, Canada

Salary: $48,000 per annum plus optional undergraduate teaching opportunities

The Institute of Communication, Culture, Information and Technology (ICCIT) at the University of Toronto Mississauga invites applications for a Postdoctoral Fellow position on Human-Machine Communication with a focus on robot interactions. This is a two-year appointment and start date is rolling but preference for a start on July 1, 2019.

The successful candidate will work with Dr. Rhonda McEwen, Canada Research Chair in Tactile Interfaces, Communication and Cognition, as the supervising professor, research associates, and students, on the design, execution and dissemination of results for a study on the social and cognitive consequences of human-robot communicative interactions – including investigating issues of learning and communication within communicative engagements. The project is part of a Social Science and Humanities Research funded research program. Candidates should have experimental, observational, and quantitative research methods experience.

Candidates should possess a doctoral degree in a relevant discipline such as communications, informatics, industrial engineering, computer science/AI, and information studies. Media studies and other social science backgrounds may also be acceptable depending on the candidate. Knowledge of communication theory, mechatronics/robotics and experience with eye tracking, sensor technologies and data analysis would be valuable. Working knowledge of software/hardware such as Unity, Raspberry Pi and Arduino would be an asset.

The normal hours of work are 40-hours per week for a full-time postdoctoral fellow (prorated for those holding a partial appointment) recognizing that the needs of the employee’s research and training and the needs of the supervisor’s research program may require flexibility in the performance of the employee’s duties and hours of work.
Applications should be emailed to iccit.utm@utoronto.ca, including the position reference number and title in the subject line, an updated CV and a short letter explaining how the role fits with past and future research interests by closing date of May 15, 2019.

ICCIT focuses on teaching and research excellence in its undergraduate programs: Communication, Culture, Information and Technology, Interactive Digital Media, Digital Enterprise Management and Professional Writing and Communication. The successful applicant will join a vibrant intellectual community of world-class scholars at Canada’s leading university in Toronto/Mississauga, two cities well-known for their excellent quality of life and multiculturalism. For information, please visit: www.utm.utoronto.ca/iccit.

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas. Toronto and Mississauga are two vibrant and multicultural cities in North America with a breath of cultural and social activities.