CIHR Fellowship (Postdoctoral) Opportunity

Brief Description

CIHR’s [Health Research Training Strategy](https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10984&language=E&org=CIHR) aims to equip research trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise. Generating [Research Leaders of tomorrow](https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10984&language=E&org=CIHR) is a key objective for CIHR. Fellowships provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

Stipend

Trainees with a PhD degree: $40,000 per annum. Research allowance: $5,000 per annum.

Duration of Support

The maximum duration of support, taking into account all federal funding held, will depend on the degree(s) held by the applicant. For holders of a PhD degree, or PhD and health professional degrees, the maximum period of support is three (3) years. More information about the postdoctoral fellowship call is available here - [https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10984&language=E&org=CIHR](https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10984&language=E&org=CIHR)

Tentative Project:

There is an opportunity to support the application of a prospective postdoctoral fellow for a multi-disciplinary project tentatively titled “Development of an at-home multi-modal sensor system to detect social isolation, functional and cognitive decline among post discharge rehabilitation population”. The selected candidate will be co-supervised by Dr. Shehroz Khan and Dr. Charlene Chu. Dr. Khan is a Scientist at KITE, Toronto Rehabilitation Institute, University Health Network and Assistant Professor at Institute of Biomaterials and Biomedical Engineering, University of Toronto. Dr. Chu is an Assistant Professor at the Lawrence S. Bloomberg Faculty of Nursing at the University of Toronto, and an Affiliate Scientist at KITE-Toronto Rehab at the University Health Network.

The selected candidate for this project is expected to work on their research proposal with advice from Drs. Khan and Chu and take responsibility to fill in their [Canadian Common CV](https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10984&language=E&org=CIHR) and submit the application to the CIHR portal before the deadline. The candidates must first check their eligibility using the Researchnet webpage before applying. The deadline to submit final CIHR application is 1st October’2019.

Qualifications:

The applicant must hold or be completing their PhD degree in Computer Science, Electrical & Communication or Biomedical Engineering. Prior experience in working in a clinical setting is an asset. Strong background in sensor technology, signal processing, statistics and machine learning is required for this role. This position requires strong programming skills, especially Android code development and Python.

Application

The interested candidates should send their application to shehroz.khan@utoronto.ca with the following information:

- The subject of the email should be “Postdoc CIHR”
- Two page CV + Publications List as one single PDF

Only selected candidates will be contacted for interviews.