University Health Network (UHN) is looking for an experienced professional to fill the key role of Postdoctoral Fellow in the Lupus Research Program.

Transforming lives and communities through excellence in care, discovery and learning.

The University Health Network, where “above all else the needs of patients come first”, encompasses Toronto Rehabilitation Institute, Toronto General Hospital, Toronto Western Hospital, Princess Margaret Cancer Centre and the Michener Institute of Education at UHN. The breadth of research, the complexity of the cases treated, and the magnitude of its educational enterprise has made UHN a national and international resource for patient care, research and education. With a long tradition of groundbreaking firsts and a purpose of “Transforming lives and communities through excellence in care, discovery and learning”, the University Health Network (UHN), Canada’s largest research teaching hospital, brings together over 16,000 employees, more than 1,200 physicians, 8,000+ students, and many volunteers. UHN is a caring, creative place where amazing people are amazing the world.

UHN is a research hospital affiliated with the University of Toronto and a member of the Toronto Academic Health Science Network. The scope of research and complexity of cases at UHN have made it a national and international source for discovery, education and patient care. Research across UHN’s five research institutes spans the full spectrum of diseases and disciplines, including cancer, cardiovascular sciences, transplantation, neural and sensory sciences, musculoskeletal health, rehabilitation sciences, and community and population health. Find out about our purpose, values and principles here.

I. PURPOSE

The Lupus Research Program, is located at Toronto Western Hospital and Krembil Research Institute, and is a multi-disciplinary program that studies and provides clinical care relevant to the filed of Systemic Lupus Erythematosus (SLE). We are currently looking for an experienced and motivated post-doctoral candidate with a PhD in Clinical Epidemiology, Biostatistics, or Informatics, to carry out a project that will examine cognitive function in SLE. The Lupus Program has a database of a well-characterized group of SLE patients, with extensive clinical and demographic data collected over 50 years. The supervising investigator, Dr. Touma, heads the SLE Neuro-Focused Program a multidisciplinary team of neurologist, neuropsychologists, psychiatrists, psychometrists, machine-learning analysts, neuropsychologists with expertise on neural biomarkers including advanced neuroimagers, clinical epidemiologists with expertise on measurement science. This program has collected longitudinal data on cognitive function based on cognitive assessments (Cognitive Battery [CB]) and computer driven data (Automated
Neuropsychological Assessment Metrics [ANAM]), on a large number of SLE patients at baseline and follow-up visits.

The successful candidate will be involved in projects that aim to investigate the validity of the ANAM and CB in SLE. The successful candidate should have a strong biostatistical and coding background, particularly in longitudinal intra-individual variability analyses, measurement of predictor and response variables (linear and logistic regression models) and experience in the field of measurement is an asset.

II. QUALIFICATIONS AND PRINCIPLE DUTIES:

- PhD in Clinical Epidemiology, Biostatistics or Informatics or in methodologically oriented field within last 5 years
- Working knowledge and experience with cognitive function is preferred but not mandatory
- Skills in the field of measurement sciences is an asset
- Experience in intra-individual variability analyses
- Experience with coding in statistical packages (SAS and/or R)
- Excellent writing skills
- Experience publishing peer-reviewed articles in field of study, and submitting research grants (e.g. CIHR)
- Organizational and multitasking skills
- Computer literacy (Outlook, Microsoft Office, etc.)
- Ability to work both independently-accountable for assigned projects, and as part of a team

Length of Position: 1-2 years; temporary Full-Time (annual renewable contract)

Application Deadline: May 23{superscript}rd, 2019.

Please forward your CV and Cover Letter via email to moc.zandy@uhnresearch.ca

We thank you for your interest, however, only qualified applicants who are selected to be interviewed will be contacted.