

Posting Date: March 6, 2020

University of Toronto
Dalla Lana School of Public Health
JOB POSTING – POSTDOCTORAL FELLOW

Area of Research: The DLSPH Centre for Vaccine Preventable Diseases (CVPD) is seeking a Post-Doc Fellow in Immunization and Pneumococcal Disease

The successful applicant will have the opportunity to become a member of two leading research groups in Canada. The Fellow will work with the Centre for Vaccine Preventable Diseases (CVPD <http://www.dlsph.utoronto.ca/institute/centre-for-vaccine-preventable-diseases/>) in the Dalla Lana School of Public Health (DLSPH), one of the top schools of Public Health in the world. There will be an opportunity for the position to be linked with the Collaboration for Outcomes Research and Evaluation or CORE (<https://core.ubc.ca>) at UBC—an academic research group whose mission is to improve health-care related outcomes through the application of the best in research, education and practice enhancement strategies. The Fellow will work under the co-supervision of Drs. Fawziah Lalji, a Professor in the Faculty of Pharmaceutical Sciences and Dr. Natasha Crowcroft, Director of the CVPD and a Professor in the DLSPH, University of Toronto. Their program of research focuses on the epidemiology of vaccine-preventable diseases, and vaccine impact. Between the two supervisors, there are a host of other post-doctoral fellows, PhD and undergraduate students on the team.

The successful candidate will be involved in an exciting British Columbia-Ontario collaboration on a project involving pneumococcal immunization and vaccine effectiveness. This is an opportunity to become part of a network of studies funded through the Canadian Immunization Research Network. This work uses large administrative health datasets, requiring strengths in biostatistics and epidemiology. The Fellow will be conducting data management and analysis, interpretation, and presentation of findings (publications, reports, presentations). There will also be opportunities to expand or explore applications to health economics and economic evaluation. The successful candidate will also help to mentor and supervise graduate students who are working on this (or related) project(s).

Description of duties: Duties will include the following:

Qualifications:

- PhD or PhD-equivalent in epidemiology, biostatistics, health services research, or a related field, obtained within 5 years from hiring
- Experience with using a variety of statistical software (e.g., SAS, STATA, R) and in advanced multivariable modeling techniques.
- A high level of proficiency in statistical analyses with large administrative health datasets is essential
- A background in vaccine epidemiology is an asset
- Strong competencies in MS Office software
- Excellent written and verbal communication skills
- Strong interpersonal skills and demonstrated abilities as a team player

- Ability to independently organize workload, set goals and work effectively towards deadlines

Duties and responsibilities:

- Prepare detailed analytic plans
- Prepare data for analysis (e.g. cleaning, linking, and recoding)
- Establish/manage data files and undertake metadata documentation
- Analyze data using basic and advanced statistical methods such as multivariable, multilevel, and time series approaches
- Data visualization (e.g. generating tables, graphs, and charts) for publication and presentation
- Interpret and clearly communicate results verbally and in writing
- Write and edit methodological and statistical content for manuscripts and abstracts
- Assist with grant writing

Salary: \$65,000 (Prorated to FTE)

Please note that should the minimum rates stipulated in the collective agreement fall below the rates stated in this posting, the minimum rates stated in the collective agreement shall prevail.

Required qualifications: PhD or MD with relevant research experience

Application instructions

All individuals interested in this position must submit their Resume with a covering letter explaining their motivation to apply for this position to CVPD.dlsph@utoronto.ca by the closing date.

Closing date: 21st March 2020 or until the position is filled

Supervisor: Dr. Natasha Crowcroft

Expected start date: 30th March 2020

Term: 12 months in the first instance

FTE: 0.5 FTE

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated 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.

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.