

# Postdoctoral Fellowship in Tuberculosis Research

## JOB DESCRIPTION

We are seeking a Postdoctoral Research Fellow who will work on a CIHR-funded project on the Elimination of Tuberculosis (TB) in Canada with a team of investigators in Quebec, Ontario, and British Columbia. The postdoctoral fellow will use linked administrative datasets to build and validate an individual TB risk score for the development of active TB and to model the groups that will need to be targeted to achieve TB elimination in Canada. The successful candidate will gain skills in epidemiologic analysis of cohort data and predictive modelling. The position is based in the Center for Clinical Epidemiology, at the Lady Davis Research Institute (LDI) at the Jewish General Hospital at McGill (<http://www.ladydavis.ca/en/researchers>). Our interdisciplinary, Pan-Canadian study brings together experts in TB, migration, epidemiology, linkage and analysis of administrative datasets, decision analysis, predictive and economic modeling, and biostatistics. This position provides opportunities for collaborative work with epidemiologists, statisticians, and senior scientists and physicians at the LDI and the McGill International TB Centre at McGill in Quebec, the Institute of Clinical and Evaluative Sciences (ICES) in Ontario, and at the BC Centers for Disease Control in British Columbia.

The fellow will work under the supervision of Dr. Christina Greenaway, MD, MSc at the Center for Clinical Epidemiology, at the LDI and Dr. Kevin Schwartzman, MD, MPH, at the McGill International TB Centre (<https://www.mcgill.ca/tb/>). This opportunity is a 1-year, full-time fellowship, starting in the fall 2018 or the spring 2019 with a possibility to renew for a second year.

## ELIGIBILITY AND REQUIREMENTS

Applications must have:

- A PhD, MD/MSc or equivalent in epidemiology, biostatistics or public health is required. Applicants without a graduate degree in one of these fields will not be considered
- Strong quantitative skills in epidemiology, and experience with statistical software such as SAS, R, STATA or others will be needed. Prior experience with health administrative databases and/or decision analysis and infectious diseases modeling will be an asset
- Substantive knowledge of TB or infectious diseases is desirable
- Excellent written and oral communication skills. Fluency in English (verbal and written) is required; fluency in French is desirable
- An excellent academic record and established track record of original publications in peer reviewed journals is required
- Ability to work independently, as well as part of a large multidisciplinary team of collaborators will be necessary

## APPLICATION INSTRUCTIONS

To apply for this position, please email the following documents to Dr. Christina Greenaway at [ca.greenaway@mcgill.ca](mailto:ca.greenaway@mcgill.ca).

- A cover letter describing your research interests and professional goals, and why you believe this fellowship represents a good fit
- Curriculum vitae with full list of publications
- The names and contact information for three references

Salary offered will be commensurate with experience and qualifications. Information on postdoctoral fellowship regulations including information on healthcare and benefits, at McGill University is available at: <http://www.mcgill.ca/gps/postdocs/>.