



Postdoctoral Fellowship in Tuberculosis Research

McGill University & McGill University Health Centre – Montreal, Canada

2017-2018



TB Research in Montreal

McGill University is Canada's leading research university, ranked as one of the top 25 universities in the world. The McGill International TB Centre is a large, active, diverse research group on tuberculosis, encompassing several disciplines, including epidemiology, clinical research, public health, genomics, diagnostics, molecular epidemiology, health economics, modeling, sociology and international health. Members of the research group have a strong track record for innovative biomedical, clinical, epidemiologic and social research. The TB research group is funded by a number of sources e.g., Canadian Institutes of Health Research (CIHR), Fonds de recherche Santé - Québec (FRSQ), Bill & Melinda Gates Foundation, IC-IMPACTS and other public and private agencies. More information about our TB research can be found at: [Pai Tuberculosis Research Group](#) and [McGill International TB Centre](#).

Pai TB Research Group

Our research program is focused on improving TB diagnosis and care, from diagnostics evaluation to policy, and country-level implementation of tools and policies, for vulnerable populations ranging from the Inuit in Nunavut to slum dwellers in Mumbai. Our goal is to use translational epidemiology and implementation science, so that products, knowledge and policies can translate into saved lives and, ultimately, population level impact. Through 10 years of research, our team has explored the accuracy of novel TB diagnostics, clinical impact and cost-effectiveness of their scale-up, and challenges related to the implementation of POC tests. Our research has generated evidence to guide national and international policy development, such as the International Standards for TB Care, Canadian TB Standards (7th Edition), and several WHO policies on TB, and has led to over 350 publications. Ongoing work includes reproducibility of IGRAs, measuring and improving quality of TB care through standardized patients assessments and anthropological studies, improving TB detection in India by engaging community-based pharmacists to facilitate referral and linkages, and assessing infectious disease diagnostics and new regimens in high burden countries to fight TB and resistant TB. The group also supports knowledge synthesis and translation in TB, and has helped create website resources such as [tbevidence.org](#), [teachepi.org](#), [bcgatlas.org](#), [tstin3d.com](#), [tbfags.org](#) and [modeltb.org](#), and actively contributed to WHO, Stop TB Partnership, ISTC and other policy initiatives. The group also organizes a two-week long Summer Institute in Infectious Diseases and Global Health every year (www.mcgill-idgh.ca).

Fellowship

Applications are invited from recent PhD or MD graduates for a one year, full-time fellowship, starting in Fall 2017. The salary range is \$45,000 - \$55,000 per annum, depending on qualifications and research experience. Extended Health and Dental Insurance will be made available through the Post-Graduate Student's Society. Depending on funding availability, the fellowship may be extended by another year.





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Eligibility and Requirements

Applicants must have:

- ✓ a recent MD (with relevant specialization) or PhD degree with a background in epidemiology, clinical research, respiratory research, infectious diseases or public health (*as per McGill regulations, individuals whose most recent degree (PhD or MD) was obtained over 5 years ago are not eligible for postdoctoral positions*);
- ✓ an excellent academic record, with good quantitative, verbal and communication skills;
- ✓ research experience in tuberculosis research is essential;
- ✓ a strong record of publication (at least 3 first-authored publications in TB is essential);
- ✓ experience with statistical software such as STATA;
- ✓ a research program development plan that would be highly competitive in provincial and national funding competitions for postdoctoral awards;
- ✓ fluency in English (verbal and written); fluency in French is desirable.

Responsibilities

The postdoctoral fellow will function as a junior investigator, participating fully in teaching, research and related scholarly activities and would be encouraged to apply for independent salary and research funding. Specifically, the fellow would act as a junior investigator on a variety of projects relating to TB, including meta-analyses, modeling, and in-country implementation research. The fellow will provide oversight at the collaborating international sites, conduct data management and analysis, prepare manuscripts, assist in writing grant proposals, and conduct projects on TB research. Travel abroad will be required.

Important note: This is **NOT** a laboratory-based (bench science) fellowship. **Applicants interested in basic science research on TB will not be eligible for this fellowship.**

Application Procedure

Interested applicants should submit an **application via email**, consisting of a cover letter (including a statement of research interests and prior experience in TB research), *Curriculum Vitae*, contact information of 2 relevant referees, along with 3 sample TB publications to:

Madhukar Pai, MD, PhD
Canada Research Chair in Translational Epidemiology & Global Health
Professor of Epidemiology, McGill University
Director, McGill Global Health Programs
Associate Director, McGill International TB Centre
McGill University
1020 Pine Avenue West, Montreal, QC, Canada, H3A 1A2
Email: madhukar.pai@mcgill.ca

Please contact Dr. Pai (via email) for further information. This position will be advertised until a suitable candidate is identified. Information on postdoctoral fellowship regulations, including information on healthcare and benefits, at McGill University is available at: <http://www.mcgill.ca/gps/postdocs/>
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