



McGill University, Montreal, Canada
McGill University Health Centre, Montreal, Canada

Postdoctoral Fellowship in Tuberculosis Diagnostic Research

TB Research in Montreal

McGill University is Canada's leading research university, ranked as one of the top 25 universities in the world. McGill has a large, active, diverse research group on tuberculosis, encompassing several disciplines, including epidemiology, clinical research, public health, genomics, diagnostics, molecular epi, 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 la recherche en santé du Québec (FRSQ), European Commission (TBSusgent; EU FP-7) and other public and private agencies. More information about the TB group can be found at: [Pai Tuberculosis Research Group](#) and <http://www.meakins.mcgill.ca/respepi/> and <http://molepi.mcgill.ca/>



Diagnostic research



The McGill group has been actively involved in TB diagnostic research, focused mainly on clinical and field evaluation of new or improved tools such as IGRAs, MODS, LED microscopy, antigen detection tests, etc. The group has helped create a website resource on [Evidence-Based Tuberculosis Diagnosis](#) and actively contributed to WHO, PHAC and other policy initiatives. The group is also actively working on novel methodological and statistical approaches to diagnostics research.



Fellowship

Applications are invited from recent PhD or MD graduates for a one year, full-time fellowship, starting Jan 2010. The salary range is \$40,000 - \$50,000 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 availability of funding, the fellowship may be extended by another year.



Eligibility and requirements

Applicants will 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, particularly in tuberculosis diagnostic research, is required**
- ✓ a record of publication (publication record in TB diagnostics is required)
- ✓ experience with statistical software such as STATA, R, or SAS
- ✓ and a research program development plan that would be highly competitive in provincial and national funding competitions for postdoctoral awards.

Responsibilities

The postdoctoral fellow will function as a junior investigator, participating fully in research and related scholarly activities and would be encouraged to apply for independent salary and research funding. The fellow would participate in ongoing TB diagnostic research projects, help coordinate specific TB research projects, coordinate IRB/ethics submissions, conduct data management & analysis, prepare manuscripts, assist in writing grant proposals, and conduct systematic reviews & meta-analyses and methodological/statistical projects on diagnostic research.

Important note: This is **NOT** a laboratory-based (bench science) fellowship. The focus is on applied evaluation research in clinical and field settings, use of novel methodological and statistical approaches, and evidence-based TB policies and practices. **Applicants interested in basic science research on diagnostics will not be eligible for this fellowship.**

Application procedures

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

Madhukar Pai, MD, PhD
Assistant Professor, Dept. of Epidemiology, Biostatistics & Occupational Health
Medical Scientist, Divisions of Respiratory Medicine and Infectious Diseases, MUHC
1020 Pine Avenue West
Montreal, Canada H3A 1A2
Tel: 514-398-5422
Email: madhukar.pai@mcgill.ca
Website: [Pai Tuberculosis Research Group](#)

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/postdoc/>

NOTE: Fluency in English is required, and fluency in French is desirable. According to McGill University guidelines, individuals who have completed a Ph.D. degree or a Medical Specialist Diploma over 5 years ago cannot hold a postdoctoral position.

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