



# McGill



McGill University, Montreal, Canada

McGill University Health Centre, Montreal, Canada

## *Postdoctoral Fellowship in Tuberculosis Epidemiology*

### **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, geography, sociology and international health. Members

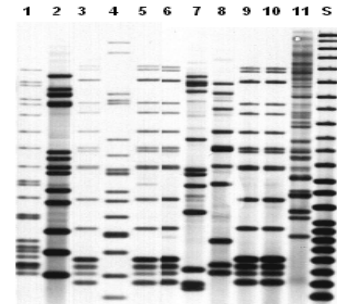


of the research group have a strong track record for innovative biomedical, clinical, epidemiologic and social research. The TB research group is funded by a number of sources e.g., Canadian Institutes of Health Research (CIHR), Fonds de la recherche en santé du Québec (FRSQ), and other public and private agencies. More information about the TB group can be found at

<http://www.meakins.mcgill.ca/respepi/> and <http://molepi.mcgill.ca/>



Applications are invited from recent PhD or MD graduates for a one year, full-time fellowship, starting Feb or March 2007. The salary range is \$36,000 - \$42,000 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 MD (with relevant specialization) or PhD degree with a background in epidemiology, clinical research, respiratory research, infectious diseases or public health
- ✓ an excellent academic record, with good quantitative, verbal and communication skills
- ✓ research experience, especially in tuberculosis, infectious diseases, or respiratory research (research experience in tuberculosis is highly desirable)
- ✓ experience with statistical software such as STATA, R, or SAS
- ✓ a beginning record of publication
- ✓ 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 research projects, help coordinate specific TB research projects (see below), coordinate IRB/ethics submissions, assist in data management & analysis, prepare manuscripts, and assist in writing grant proposals. In particular, the fellow will help coordinate and manage two grant-funded research projects:

1. A project entitled "Validation of interferon-gamma assay for the diagnosis of tuberculosis infection in health care workers." This project, funded by an operating grant from the CIHR, aims to evaluate the performance of a whole-blood IFN-g assay among healthcare workers who undergo serial testing at the McGill University Health Centre.
2. A project entitled "Tuberculosis contact investigation in Montreal: comparison of T cell based interferon-g assays with the tuberculin skin test." This project, funded by the MUHC Research Institute (Pilot Project grant), and a CIHR Research Resource Grant, will involve household contact investigations in Montreal, comparing the performance of three diagnostic tests for TB infection.

## Application procedures

Interested applicants should submit an application via email, consisting of a cover letter including a statement of research interests and prior research experience, *Curriculum Vitae*, contact information of 2 referees, along with 3 writing samples (i.e. 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  
Fax: 514-398-4503  
Mobile: 514-952-6604  
Email: [madhukar.pai@mcgill.ca](mailto:madhukar.pai@mcgill.ca)  
Epi-biostat: <http://www.mcgill.ca/epi-biostat/>  
Resp-epi: <http://www.meakins.mcgill.ca/respepi/Pai.htm>

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 award.

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