



Postdoctoral Fellowship in Global Health Diagnostics

McGill University & McGill University Health Centre – Montreal, Canada

2017-2018



GLOBAL
HEALTH
PROGRAMS

PROGRAMMES DE
SANTÉ
MONDIALE

Centre
international
de TB McGill



McGill
International
TB Centre



Pai Global TB Group

Centre universitaire
de santé McGill
Institut de recherche



McGill University
Health Centre
Research Institute

Diagnostics Research @ McGill

McGill University is Canada's leading research university, ranked as one of the top universities in the world. McGill University hosts several centers and teams working on infectious diseases, including McGill Global Health Programs, McGill International TB Centre, Centre for Tropical Diseases, and Infectious Diseases and Immunity in Global Health (IDIGH) at the Research Institute of the MUHC. Global health diagnostics is a growing area of interest. McGill offers a course called Global Health Diagnostics every year, as part of the [McGill Summer Institute in Infectious Diseases and Global Health](#). McGill University is also supporting the [Global Health Diagnostics Community](#) at GHD, and actively involved in developing and promoting access to [essential diagnostics](#). More information about our research can be found at: [Pai Global Tuberculosis Research Group](#), [McGill International TB Centre](#) and [McGill Global Health Programs](#).

Pai Global TB 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, market uptake of new diagnostics, clinical impact and cost-effectiveness of their scale-up, and challenges related to the implementation of POC tests. We are also focusing broadly on barriers to implementation of diagnostics, target product profiles for new tests, and development of an Essential Diagnostics List. Our group also supports knowledge synthesis and translation, and has helped create resources such as [tbevidence.org](#), [teachepi.org](#), [bcgatlas.org](#), [tstin3d.com](#), [tbfaqs.org](#) and [www.ghdonline.org/diagnostics](#), and actively contributed to WHO, Stop TB Partnership, FIND and other global health agencies. Our group also organizes a two-week long Summer Institute in Infectious Diseases and Global Health every year ([www.mcgill-idgh.ca](#)), with courses on Global Health Diagnostics and Advanced TB Diagnostics.

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 diagnostics research or implementation (*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 diagnostics is essential;
- ✓ a strong record of publication (at least 3 first-authored publications in diagnostics is essential);
- ✓ 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)

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 diagnostics, including meta-analyses, modeling, market analyses, and in-country implementation research relevant to diagnostics. 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 diagnostics. Travel abroad will be required.

Important note: Our team does not conduct wet lab research. This is **NOT** a laboratory-based (bench science) fellowship. **Applicants interested in basic science research on diagnostics 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 diagnostics), *Curriculum Vitae*, contact information of 2 relevant referees, along with 3 sample diagnostics publications to:

Madhukar Pai, MD, PhD
Canada Research Chair in 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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