



# Postdoctoral Fellowship in Global Health Diagnostics

McGill University & Research Institute of the McGill University Health Centre  
Montreal, Canada 2024-2025

## Diagnostics Research at McGill University

McGill University is one of Canada's best-known institutions of higher learning and one of the leading universities in the world. It hosts several centres and teams working on infectious diseases, diagnostics and global health, including [McGill's Global Health Programs](#), the [McGill Interdisciplinary Initiative in Infection and Immunity \(MI4\)](#), the [McGill International TB Centre](#), a WHO Collaborating Centre for TB Research, and [Infectious Diseases and Immunity in Global Health \(IDIGH\)](#) at the Research Institute of the McGill University Health Centre. It also supports the [Global Health Diagnostics community](#), and is actively involved in developing and promoting access to essential diagnostics. Every summer, McGill University researchers and colleagues conduct several training programs on TB diagnostics, global health diagnostics, and global health to name a few, via the [McGill Summer Institutes in Global Health](#).

## 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. 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 over 15 years of research, our team has explored the accuracy of novel TB diagnostics, quality of TB care, and private provider engagement in TB care and control. Our group has also worked on The Lancet Commission on Diagnostics, and Exemplars in Global Health Innovations and Diagnostics. We have contributed to research on essential diagnostics lists. Our group also supports knowledge synthesis and translation, and has helped create resources such as [teachepi.org](#), [bcgatlas.org](#), [www.qutubproject.org](#) and [www.ghdxonline.org](#), and actively contributed to WHO, Stop TB Partnership, FIND and other global health agencies. Our group also organizes courses as part the [McGill Summer Institutes in Global Health](#), with [Advanced TB Diagnostics](#), [Reimagining Global Health](#) and [Engaging all health providers to End TB: Public-Private Mix \(PPM\)](#) scheduled for Summer 2024.

## Fellowship

Applications are invited from recent PhD or MD graduates for a one-year, full-time fellowship, starting in Summer 2024. The salary range starts at \$60,000 per annum, depending on qualifications and research experience. Extended Health and Dental Insurance will be made available through the Post-Graduate Students' Society. Depending on funding availability, the fellowship may be extended by another year.



## Eligibility and Requirements

Applicants must have:

- a recent MD (with relevant specialization) or PhD degree with a background in diagnostics research (*as per provincial 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 and publications in diagnostics is essential; expertise in TB diagnostics is especially relevant;**
- a good record of publication (at least 3 first-authored publications are essential);
- fluency in English (verbal and written)

**NOTE:** Applicants interested in basic science/lab research are not eligible for this fellowship.

## Responsibilities

The postdoctoral fellow will function as a junior investigator, participating fully in teaching, research and related scholarly activities, and might be asked to help supervise junior members of the team. The postdoctoral fellow would be encouraged to apply for independent salary and research funding. Specifically, the fellow will work on a variety of projects, such as systematic reviews on improving TB case detection, exemplars in global health diagnostics, and TB diagnostics and essential diagnostics lists (EDLs) implementation and guidance tools, within our group. Travel abroad may be required.

**NOTE:** Our team does not conduct wet lab research. This is **NOT** a lab-based (bench science) 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), CV, contact information of 2 relevant referees, along with 3 relevant publications to:

**Madhukar Pai, MD, PhD, FRSC**  
 Inaugural Chair, Department of Global & Public Health  
 Canada Research Chair in Epidemiology & Global Health  
 Professor of Epidemiology, McGill University  
 Email: [madhukar.pai@mcgill.ca](mailto: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/>  
 Date of posting: 11 January 2024