



JUNE 11-15, 2018

# TB RESEARCH METHODS

“Very well conceptualized, excellent faculty and overall a great chance to interact with people from a myriad disciplines and countries. Great course...”

– TB RESEARCH METHODS COURSE PARTICIPANT

An intensive course on methods of operational research, molecular epidemiology, randomized controlled trials, systematic reviews and meta-analyses, qualitative/community based research, decision analyses and modeling. Format will include lectures and small groups to develop and present study protocols.

### **COURSE DIRECTOR**

**Dick Menzies**, MD, MSc

Director, Respiratory Epidemiology and Clinical Research Unit  
Associate Director, McGill International TB Centre  
[www.mcgill.ca/tb](http://www.mcgill.ca/tb)

### **COURSE FACULTY**

**Gonzalo Alvarez**, MD, MPH - University of Ottawa

**Marcel Behr**, MD, MSc - McGill University

**Andrea Benedetti**, PhD - McGill University

**Bill Burman**, MD - Denver Public Health

**Ted Cohen**, MD - Yale University

**Amrita Daftary**, PhD, MPH - McGill University

**Maziar Divangahi**, PhD - McGill University

**Greg Fox**, MD, PhD - University of Sydney

**Anthony Harries**, MD - the Union, Paris

**James Johnston**, MD, MPH - University of British Columbia

**Faiz Ahmad Khan**, MD, MPH - McGill University

**Robyn Lee**, PhD - Harvard University

**Dick Menzies**, MD, MSc - McGill University

**Olivia Oxlade**, PhD - McGill University

**Madhukar Pai**, MD, PhD - McGill University

**Erwin Schurr**, PhD - McGill University

**Kevin Schwartzman**, MD, MPH - McGill University

### **CONTENT**

This course will introduce broad tuberculosis research topics – research as part of the World Health Organization’s new Global Plan to End TB, priorities in drug resistant and HIV-related tuberculosis, as well barriers and progress in indigenous TB in Canada.

Every morning session will focus on a different methodology – operational research, molecular epidemiology, systematic reviews, randomized trials and economic analysis and disease modelling. In the afternoons, there will be two “late-breakers”, short presentations of exciting new findings from course faculty, followed by basics in biostatistical methods, then small group sessions to develop study protocols in operational research, molecular epidemiology, systematic reviews, qualitative / community based research, randomized trials or cost-effectiveness analysis. These protocols will be presented to the entire group on the final afternoon.

### **TARGET AUDIENCE**

- Trainees starting their TB research careers
- MSc, MPH and PhD students working on TB research projects
- Postdoctoral fellows, clinical fellows and residents working on TB projects
- Junior faculty with a strong interest in TB research
- Research staff, nurses and coordinators managing TB research projects
- Persons involved in TB control programmes with interest in research and evaluation methods

### **ENROLMENT**

Maximum of 50 participants.

**2018 COURSES** To Register: <http://mcgill-idgh.ca/>



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**McGill Summer Institute in  
Infectious Diseases and  
Global Health**

