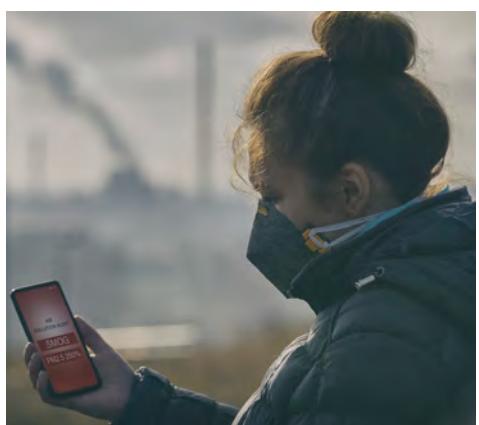


# McGill Summer Institutes in Global Health

**MAY 21-JUNE 14, 2024**  
**ONLINE AND IN-PERSON COURSE OFFERINGS**



**McGill**

Summer Institutes  
in Global Health



# Explore our courses

The McGill Summer Institutes offer short courses on a wide range of global health topics.

Utilizing the expertise of McGill faculty and guest speakers from around the world, our courses aim to provide actionable new knowledge to working professionals and supplement global health learning for students.

Courses may be taken in-person or online depending on the course—check the course descriptions carefully. Most course material will be recorded to accommodate asynchronous learners from all time zones. Summer Institutes organizers will also maximize opportunities for participants to interact with each other and our faculty.

**Select a course that challenges you in 2024!**

# 2024 Course Directors

## INSTITUTE IN INFECTIOUS DISEASES AND GLOBAL HEALTH



**Sapha Barkati, MD, MSc, FRCPC, DTM&H, CTropMed**  
Assistant Professor, Infectious Diseases and Medical Microbiology, McGill University Health Centre



**Dick Menzies, MD, MSc**  
Director, Respiratory Epidemiology and Clinical Research Unit, McGill University Health Centre; Director, WHO Collaborating Centre for Tuberculosis Research; Director, McGill International TB Centre



**Anurag Bhargava, MD, MSc.**  
Professor, Yenepoya Medical College; Adjunct Professor, Department of Medicine, McGill University



**Lavanya Narasiah, MD, MSc, CCFP**  
Medical Director, Clinique des Réfugiés de la Montérégie



**Madhavi Bhargava, MD**  
Associate Professor, Dept of Community Medicine, Yenepoya Medical College



**Madhukar Pai, MD, PhD, FCAHS**  
Chair, Dept. of Global and Public Health, School of Population and Global Health, McGill University  
Canada Research Chair of Epidemiology & Global Health, McGill University



**Amrita Daftary, PhD, MPH**  
Associate Professor, School of Global Health, York University; Research Associate, CAPRISA, University of KwaZulu-Natal



**Nitika Pant Pai, MD, MPH, PhD**  
Associate Professor, Division of Clinical Epidemiology & Infectious Diseases, McGill University; Center for Outcomes Research and Evaluation, MUHC Research Institute



**Nora Engel, PhD**  
Associate Professor, Global Health Department of Health, Ethics and Society / CAPHRI Faculty of Health, Medicine and Life Sciences, Maastricht University



**Yassen Tcholakov, MD, MSc, MIH**  
Assistant Professor, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University; Clinical Lead in Infectious Diseases, Nunavik Department of Public Health



**Christina Greenaway, MD, MSc, FRCPC**  
Professor of Medicine, McGill University, Division of Infectious Diseases and Center for Clinical Epidemiology, SMBD-Jewish General Hospital, J.D. MacLean Centre for Tropical Diseases



**Cédric Yansouni, MD, FRCPC, DTM&H**  
Associate Professor, Divisions of Infectious Diseases and Medical Microbiology, McGill University Health Centre; Associate Director, J.D. MacLean Centre for Tropical Diseases



**Petra Heitkamp, MSc, MPH**  
Community Manager, TBPPM Learning Network  
McGill University Health Centre Research Institute



**Vijayashree Yellappa, MBBS, MPH, FHM, PhD**  
Chair, TBPPM Learning Network India Chapter;  
Consultant, National Institution for Transforming India



**Chen Liang, PhD**  
Professor, Department of Medicine; Director, Centre for Viral Diseases, McGill University

## INSTITUTE IN PEACE, HEALTH AND SUSTAINABILITY



**Neil Arya, BSc, MD, CCFP, FCFP, DLitt**  
Founding Board President, PEGASUS Institute;  
Adjunct Professor, Environment and Resource  
Studies, University of Waterloo



**Nolwenn Noisel**  
Assistant Professor, Environmental and Occupational  
Health Department, School of Public Health,  
University of Montreal Researcher, Centre for  
Public Health Research (CReSP)

## INSTITUTE IN GLOBAL HEALTH EQUITY



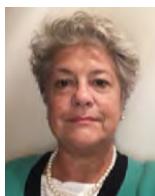
**Yann Joly, Ph.D. (DCL), FCAHS, Ad.E.**  
Director, Centre of Genomics and Policy,  
McGill University; James McGill Professor,  
Department of Human Genetics, McGill University  
Associate member, Bioethics Unit and Faculty of Law,  
McGill University; Advocatus Emeritus, Quebec Bar



**Leigh Raithby**  
Policy and Advocacy Officer, Results Canada  
& Stop TB Canada



**Srikanth Kondreddy, PhD**  
Adjunct Professor, University of Ottawa, School of  
Epidemiology and Public Health; Senior Fellow at the  
WHO Collaborating Centre for Knowledge Translation  
and Health Technology Assessment in Health Equity



**Janet Hatcher Roberts**  
Adjunct Professor, University of Ottawa, School of  
Epidemiology and Public Health; Co-Director, WHO  
Collaborating Centre for Knowledge Translation and  
Health Technology Assessment for Health Equity



**Innocent Ntaganira, MD, MSc, MA**  
WHO Collaborating Centre on Knowledge  
Translation and Technology Assessment in Health  
Equity; Member of the Advisory/Honorary Board of  
the Pegasus Institute



**Diya Uberoi, PhD, JD, LLM, MPhil**  
Academic Associate- Centre of Genomics & Policy,  
McGill University



**Madhukar Pai, MD, PhD, FCAHS**  
Chair, Dept. of Global and Public Health, School of  
Population and Global Health, McGill University  
Canada Research Chair of Epidemiology &  
Global Health, McGill University

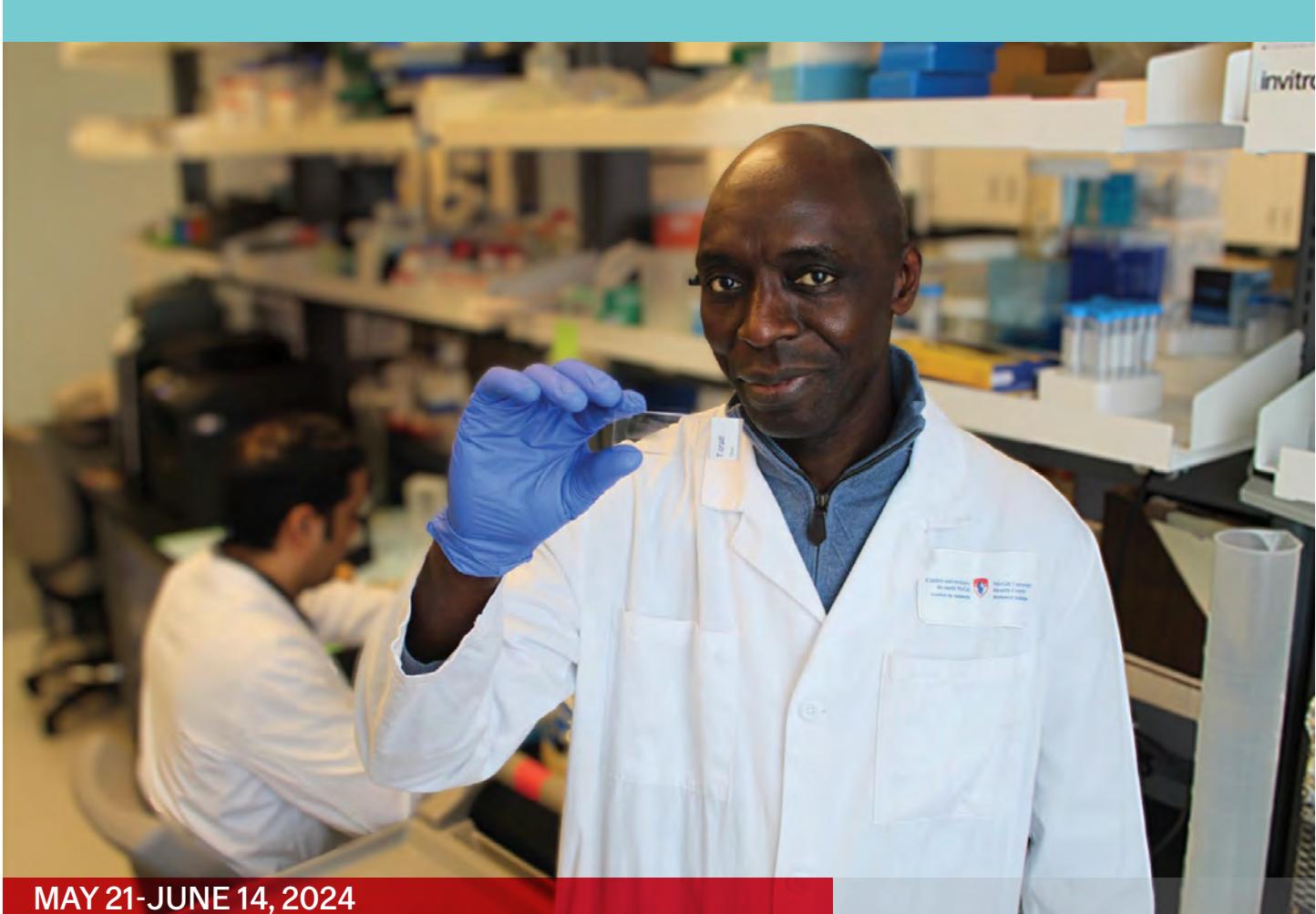
# 2024 Schedule of Courses

Approximate times of live instruction for each course is indicated on the course page in this brochure and on our website.

Participants wishing to enroll in overlapping courses are permitted to do so, but should be aware that if overlapping courses have live sessions happening at the same time they may have to view some content later as a recording.

## May & June 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
19	20	21	22	23	24	25
		FROM EVIDENCE TO IMPACT: FUNDAMENTALS OF GLOBAL HEALTH ADVOCACY May 21 & 22 (online)		FROM EVIDENCE TO IMPACT: FUNDAMENTALS OF GLOBAL HEALTH ADVOCACY May 23 & 24 (in-person)		
		PANDEMIC PREPAREDNESS, ALERT, AND RESPONSE May 21-23 (online only)				
		REIMAGINING GLOBAL HEALTH MAY 21-24 (online only)				
			NUTRITION AND TUBERCULOSIS May 22-24 (online only)			
26	27	28	29	30	31	1
		QUALITATIVE METHODS IN GLOBAL INFECTIOUS DISEASES RESEARCH May 27-31 (in-person only)				
		ADVANCED TB DIAGNOSTICS May 27-31 (online only)				
		ENVIRONMENT AND GLOBAL HEALTH May 27-31 (online only)				
			DIGITAL HEALTH May 29-31 (hybrid)			
2	3	4	5	6	7	8
		ENGAGING ALL HEALTH PROVIDERS TO END TB: PUBLIC-PRIVATE MIX (PPM) May 21 (online introductory session) June 3-7 (online only)				
		HEALTH SYSTEMS STRENGTHENING AND GLOBAL GOVERNANCE June 3-7 (online only)				
		GLOBAL HEALTH LAW: A PRIMER FOR HEALTH STUDENTS AND PRACTITIONERS June 3-7 (hybrid)				
			GLOBAL HEALTH DIAGNOSTICS June 5-7 (hybrid)			
9	10	11	12	13	14	15
		TB RESEARCH METHODS June 10-14 (hybrid)				
		PEACE THROUGH HEALTH June 10-14 (online only)				
			PROVIDING HEALTH CARE TO REFUGEE, IMMIGRANT AND MIGRANT POPULATION June 12-14 (hybrid)			



MAY 21-JUNE 14, 2024

# Summer Institute in Infectious Diseases and Global Health



McGill

Summer Institute in  
Infectious Diseases and  
Global Health

The 2024 edition of the Institute in Infectious Diseases and Global Health features 9 diverse courses that offer a range of learning on topics from research methods to the latest about diagnostics. This year, we will build on our history of strong infectious disease education for working professionals with the introduction of a brand-new course, “Nutrition and Tuberculosis,” along with the much-anticipated return of our highly acclaimed “Digital Health” and “Global Health Diagnostics” courses. Many courses are offering in-person options this year and we encourage you to join us in Montreal!



# Pandemic Preparedness, Alert, and Response

ONLINE ONLY | MAY 21-23, 2024

This course will offer a deep dive into the multifaceted world of pandemics, emphasizing their origins, biology, and the intricate dynamics of their emergence and spread. It provides a holistic overview of global systems designed for pandemic prevention, preparedness, and management, while also spotlighting the imminent policy dialogues at the World Health Assembly, aimed at revising the International Health Regulations (IHR) and formulating a groundbreaking legal framework on pandemics. Participants will gain insight into epidemiology, public health and global health, delve into critical policies being currently negotiated and participate in joint learning of future opportunities and threats for global health while learning from experts and leaders in the respected fields.

## COURSE DIRECTORS

**Yassen Tcholakov, MD MSc MIH**

Assistant Professor, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University  
Clinical Lead in Infectious Diseases, Nunavik Dept of Public Health

**Chen Liang, PhD**

Professor, Department of Medicine, McGill University  
Director, McGill Centre for Viral Diseases

## CONTENT

Pandemics, as starkly demonstrated by the COVID-19 pandemic, have the profound ability to reshape societies and deeply affect human health. This year's course aims to enhance understanding of pandemics by delving into their origins and dissecting multidisciplinary approaches for their prevention and management, encompassing fields like biology, epidemiology, public health, and clinical medicine. Key discussions will revolve around global systems, scrutinizing how they can either advance or impede global equity, especially concerning access to essential countermeasures. Further, we will probe into the intricate link between human and animal health and discuss the One Health approach and the paramount importance of epidemic intelligence including diverse sources of surveillance data including animal disease surveillance. Participants will engage in a foresight exercise using collective intelligence to explore possible futures to identify trends, key factors, and emerging issues related to pandemics. Concluding the course, participants will be privy to in-depth discussions and dialogue with key policymakers who are at the center of health negotiations that will happen the subsequent week in Geneva at the World Health Assembly, where the anticipated adoption of the Pandemic Treaty

and amendments to the International Health Regulations (IHR) will set the stage for future pandemic preparedness and response.

## OBJECTIVES

By the end of the course, participants will be able to:

- Discuss the concept of One Health and explain infectious disease emergence, the origins of pandemics and disease characteristics which are associated with pandemic potential
- Present the impact of pandemics on social life, mental health, and identify at-risk populations
- Describe the key elements of the global architecture for pandemic preparedness and response including its governance, key systems and sources of financing
- Apply epidemiological concepts to analyze public health measures used to contain and mitigate the impact of pandemics
- Examine epidemic intelligence and integrated disease surveillance including indicator-based surveillance, event based surveillance and the use of surveillance data for public health decision making
- Analyze new policy options for instruments for pandemic preparedness and response
- Participate in foresight exercise using collective intelligence to explore possible futures to identify trends, key factors, and emerging issues related to pandemics

## TARGET AUDIENCE

- Public health professionals
- Policy makers and public health implementers
- Community advocates and civil society
- Undergraduate and graduate students
- Researchers and academics involved in pandemic and emerging viruses research
- Funding agencies and product development partnerships

## COURSE FORMAT

Online only. Course will be live approximately 9:00am-1:00pm (Montreal time) each day May 21-23, 2024. Live content will be recorded and available until July 1, 2024.

## ENROLMENT

Limited to 100 online participants.

**TO REGISTER:** [mcgill.ca/summerinstitute-globalhealth](http://mcgill.ca/summerinstitute-globalhealth)



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Delivery of nutritional packets during the COVID-19 pandemic.  
Photo credit: Project Potential

# Nutrition and Tuberculosis

ONLINE ONLY | MAY 22-24, 2024

TB is a disease with social determinants implicated in both its causation and outcomes. Undernutrition is a key biological expression of social inequality, that is the leading risk factor for TB incidence globally, and a serious comorbidity in patients with TB contributing to poor outcomes. This course will provide state of the art knowledge and evidence on the interactions between TB and nutrition, discuss technical and operational aspects of nutritional assessment, counselling, and provision of nutritional support, and outline areas of research in this emerging field in TB care and prevention.

## COURSE DIRECTOR

Anurag Bhargava, MD, MSc.

Professor, Yenepoya Medical College

Adjunct Professor, Department of Medicine, McGill University

## COURSE COORDINATOR

Madhavi Bhargava, MD

Associate Professor, Dept of Community Medicine,

Yenepoya Medical College

## CONTENT

Tuberculosis continues to be a public health problem globally with more than 10 million new cases and 1.6 million deaths annually. The challenge of reduction of TB incidence lies in the fact that a large part of the population in high TB burden countries has evidence of TB infection and is at risk of TB disease. In the absence of an effective vaccine and the operational challenges of roll-out of tuberculosis preventive treatment the decline of TB incidence has been only 2-3% annually. Addressing risk factors for progression of TB infection to active TB is a possible public health strategy. The WHO now acknowledges that undernutrition is the leading risk for TB incidence globally accounting for 2.2 million cases annually, and the prevalence of this risk factor has increased post-COVID pandemic according to FAO. Undernutrition is widely prevalent and often severe in patients with active TB in high TB burden countries and a consistent risk factor for TB deaths. However there has been inadequate attention at policy and practice levels to this risk factor. There is recent evidence from the RATIONS trial that nutritional supplementation can have a significant impact on TB incidence and mortality. In this course, participants will learn from experts in clinical medicine and nutrition, public health specialists, researchers from across the globe (including the team from the RATIONS trial) about the various interactions and implications

- of nutrition in area of tuberculosis care, prevention, research, policy and advocacy. This course will provide participants with knowledge, insights and skills to address this important factor in practice and policy in their local and regional contexts.

## OBJECTIVES

- By the end of the course, participants will:
  - Understand normal nutritional requirements, and causes, types, and consequences of undernutrition.
  - Understand the effect of undernutrition on tuberculosis infection and disease, and the effects of tuberculosis on nutritional status.
  - Overview of performance of a nutritional assessment with history, anthropometry, and clinical examination, dietary and biochemical assessment,
  - Understand nutritional counseling and its application in the context of tuberculosis.
  - Understand management of undernutrition including severe undernutrition in patients with tuberculosis.
  - Discuss recent research on nutritional supplementation in TB care and prevention, and implementation of nutritional care in the field.
  - Cost-effectiveness analysis and modeling the effects of nutritional intervention

## TARGET AUDIENCE

- Students of Global Health, Medicine
- Clinicians, Nurses, National TB program managers
- TB researchers, nutrition professionals and researchers
- TB Champions and advocates from civil society organizations
- Health systems implementers and researchers

## COURSE FORMAT

- Online. Course will be live to online participants approximately 6:00pm to 9:00pm, Indian Standard Time zone (8:30-11:30am Montreal, EDT time zone) each day. Live content will be recorded and accessible to participants until July 1, 2024.

## ENROLMENT

- Limited to 50 online participants.

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# Advanced TB Diagnostics

ONLINE ONLY | MAY 27 - 31, 2024

This advanced course will cover topics in TB diagnostics research and implementation, including pipeline of innovations, critical pathway for new TB tests, impact of new tests on clinical decision-making and therapeutic choices, cost-effectiveness in routine programmatic settings, and impact on patient-important outcomes. The course will also cover meta-analysis, mathematical modeling, and cost-effectiveness studies. Panel discussions will cover topics such as value chain for TB diagnostics development, market analyses, market dynamics, target product profiles, and barriers to scale-up of new diagnostics. Participants will include TB survivors, product manufacturers, donors, product development partnerships, policy makers, academics, clinicians, community advocates, public health implementers and National TB Program managers.

## COURSE DIRECTOR

Madhukar Pai, MD, PhD

Chair, Department of Global and Public Health, School of Population and Global Health, McGill University  
Canada Research Chair of Epidemiology & Global Health, McGill University  
Former Director, McGill International TB Centre

## CONTENT

Diagnosis is one of the biggest gaps in the TB cascade of care. We need better tools for TB diagnosis than what we have today, and we need high quality diagnostic studies to evaluate new tools, and to develop evidence-based policies on TB diagnostics. We need data on outcomes such as accuracy of diagnostic algorithms (rather than single tests) and their relative contributions to the healthcare system, incremental value of new tests, impact of new tests on clinical decision-making and therapeutic choices, cost-effectiveness in routine programmatic settings, and impact on patient important outcomes. Translation of policy into impact requires collecting evidence for scale-up, country-level data on cost effectiveness and feasibility, implementation research, and local decisions on scale-up, delivery and impact assessment. All of these issues will be covered in this advanced course.

## OBJECTIVES

By the end of the course, participants will understand:

- Value chain for TB diagnostics development, current pipeline of diagnostics, market dynamics, WHO policies on new diagnostics, and challenges for scale-up
- Designs to evaluate impact of new tests on clinical decision making, therapeutic choices, and patient-important outcomes
- Meta-analyses of diagnostic accuracy studies and GRADE approach to diagnostic policies
- Principles of implementation research, collecting evidence for scale-up, cost-effectiveness analyses and modeling studies in TB diagnostics

## TARGET AUDIENCE

- National TB Program managers and National Reference Lab managers
- Clinicians and nurses
- Researchers, students, trainees, fellows and academics involved in TB diagnostics research
- Product manufacturers
- Funding agencies
- Product development partnerships
- Policy makers and public health implementers
- Community advocates and civil society

## COURSE FORMAT

- Online only. Course will be live to online participants approximately 9:00am to 12:00pm (Montreal time) each day
- May 27 - May 31, 2024. All content will be recorded and accessible to participants until July 1, 2024.

## ENROLMENT

- Limited to 100 online participants.

**TO REGISTER:** [mcgill.ca/summerinstitute-globalhealth](http://mcgill.ca/summerinstitute-globalhealth)



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# Qualitative Methods in Global Infectious Diseases Research

IN-PERSON ONLY | MAY 27-31, 2024

A course focused on the principles and rigorous application of qualitative methods in formative, operational, evaluation and policy research in infectious disease in diverse global settings. Teaching includes didactical lectures, dedicated periods for interactive exercises and short topical presentations and/or panel discussions. There will be opportunities to work in small groups and develop and present draft research protocols and related outputs under the mentorship of course faculty.

## COURSE DIRECTORS

**Amrita Daftary, PhD, MPH**

Associate Professor, School of Global Health, York University  
Research Associate, CAPRISA, University of KwaZulu-Natal

**Nora Engel, PhD**

Associate Professor Global Health, Department of Health, Ethics and Society/ CAPHRI, Faculty of Health, Medicine and Life Sciences  
Maastricht University, Netherlands

## CONTENT

Qualitative methods can assess the social and behavioural contexts, and the complex determinants, impacts and outcomes of illness and disease control efforts, including public health programs, policies, and technologies. There is growing interest to integrate qualitative methods into traditional operational and biomedical research to understand challenges to healthcare seeking behaviour and healthcare service delivery, and to better understand how and why some interventions and technologies are successfully (or less successfully) implemented and utilized. This course will build participants' research literacy to use qualitative methods to inform, innovate, contextualize, evaluate, and strengthen the delivery and utilization of healthcare services and technologies for infectious diseases (e.g., tuberculosis, HIV, COVID-19) in lower-and middle-income settings.

The course utilizes case studies and practical exercises to engage learners in the following topics in qualitative research:

1. Study designs and methodologies
2. Theoretical frameworks
3. Focus groups, observation and interviews: designs, skills and implementation
4. Approaches and methods for analysis
5. Multiple methods: integrating and sequencing qualitative and quantitative methods

- 6. Sampling and participant recruitment
- 7. Data management and storage
- 8. Ethics and evaluation criteria
- 9. Dissemination

The course includes didactic expert lectures on qualitative study design, implementation, analysis, and dissemination, interactive group exercises to apply and practice the lessons learned, as well as short topical presentations and/or panel discussions. Each day will begin with expert lectures on qualitative study design, implementation, analysis, and dissemination; followed by group exercises to apply and practice the lessons learned as well as short topical presentations and/or panel discussions. The day will end with small group sessions to develop protocols and related outputs under the mentorship of course faculty.

## COURSE OBJECTIVE

- To be introduced to the principles and methods of qualitative research in the context of global infectious diseases.

## TARGET AUDIENCE

- Persons with a strong interest in qualitative and mixed methods, and little/no prior experience
- Persons involved in infectious disease control programs, including program managers, innovators, and monitoring and evaluation officers
- Junior faculty, doctoral and postdoctoral fellows engaged in global health research
- Clinical researchers and residents working internationally
- Research staff, including study coordinators, with an interest in international work
- Representatives of funding and/or advocacy bodies, grant reviewers

## COURSE FORMAT

- In-person only.** Course content will be delivered in-person approximately 9:00am - 4:00pm each day May 27-31, 2024 (exact times each day to be announced). Videos of the lectures will not be available online and will not be recorded.

## ENROLMENT

- Limited to 60 in-person participants.

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# Digital Health

HYBRID | MAY 29-31, 2024

The health care industry is at the threshold of a massive disruption that is increasingly catalyzed by the COVID-19 pandemic. The scope of change and transformation brought about by innovations is unprecedented. Wearables and Internet of Things (IoT) enabled platforms have improved remote patient monitoring and monitoring for wellness. Smart Applications (Apps) have demonstrated evidence of improved linkages and retention of patients in care, expanded access to unreach populations, improved documentation of health-related metrics and overall engagement in health care. Machine learning has improved prediction. 3D modeling and 3D printing have generated a blueprint for changes in drugs, devices, prosthetics, and hearing aids. High-value care (convenient, targeted, personalized, efficient, and cost-saving) is available for the billions with access to the internet. Convergence of sorts of many exciting innovative developments in parallel is being accelerated by the prolongation of the COVID-19 pandemic.

## COURSE DIRECTOR

**Nitika Pant Pai, MD, MPH, PhD**

Associate Professor, Department of Medicine, McGill University  
Divisions of Clinical Epidemiology, Experimental Medicine & Infectious Diseases.

Center for Outcomes Research and Evaluation,  
MUHC Research Institute

## CONTENT

This course will cover topics in digital health and machine learning as they relate to connected Internet-of-things solutions, machine learning solutions, predictive analytics, meta-verse, digital twins, connected diagnostics, and challenges/successes faced in the integration of digital health solutions. Participants will learn evidence generation with these solutions and industry perspectives on how these solutions are poised to create a massive disruption in healthcare delivery in the years to come.

Content will cover a wide variety of topics from population health/preventative medicine to clinical medicine/virtual health and telemedicine. We will also showcase clinical decision support systems with algorithms to Metaverse-based immersive experience. Students will learn about the novel innovations, evaluations, and implementation evidence, and discuss challenges & barriers to scale-up, and sustainability.

- The course format includes a mix of plenary talks, engaging panel discussions, and showcases innovative products and services from innovators, industry, academics, data analysts, and health care organizations.

## OBJECTIVES

- Identify exemplars of digital health innovations implemented globally and discuss the implementation at scale and sustainability of promising digital health innovations.
- Convene discussions on data harmonization and governance, data access, sharing, and ownership to inform the direction of future practice, policy.
- Discuss funding initiatives for big data and digital health.
- Explore how to generate evidence in support of innovations for future implementation.
- Discuss key areas in digital health and machine learning.

## TARGET AUDIENCE

- This course appeals to a wide range of participants including:
  - Innovators, Entrepreneurs, Industry, and Product Developers
  - Researchers, Academics and Policy Makers
  - Clinicians, Clinical Administrators, Healthcare Organizations CIO, CTO, CDO, CDGHO
  - Students and fellows
  - Funders and public health agency officials
  - Patient advocates and clinical champions
  - Non-profit organizations and foundations

## COURSE FORMAT

- Hybrid. Course will be live to both in-person and online participants approximately 9:00am-3:00pm (Montreal time) each day May 29 – May 31, 2024. All content will be recorded and accessible to participants until July 1, 2024.

## ENROLMENT

- Limited to 100 online participants and 75 in-person participants.

**TO REGISTER:** [mcgill.ca/summerinstitute-globalhealth](http://mcgill.ca/summerinstitute-globalhealth)



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Photo credit: Mercy Corps, Pakistan

# Engaging all health providers to End TB: Public-Private Mix (PPM)

ONLINE ONLY | MAY 21 & JUNE 3-7, 2024

This TB - PPM course offers a week of online teaching and discussions on a range of topics relevant to engaging private providers in TB prevention and care. The course provides discussion panels, presentations, and interaction to deepen your understanding on the following areas of PPM: a) Engaging the Private Sector: Why and What; b) Policy and Financing; c) Partnerships: Operational Planning; d) Implementation and Monitoring; e) Quality of TB Care and New Tools. Faculty and participants will include TB survivors, PPM implementers, donors, policy makers, academics, clinicians, community advocates, public health implementers, and National TB Program managers.

## COURSE DIRECTORS

**Petra Heitkamp, MSc, MPH**

Community Manager, TBPPM Learning Network  
McGill University Health Center, Research Institute

**Vijayashree Yellappa, MBBS, MPH, FHM, PhD**

Chair, TBPPM Learning Network India Chapter  
Consultant, National Institution for Transforming India

**Madhukar Pai, MD, PhD**

Chair, Department of Global and Public Health,  
School of Population and Global Health, McGill University  
Canada Research Chair in Epidemiology & Global Health,  
McGill University  
Former Director, McGill International TB Centre

## CONTENT

Engaging health providers through public-private mix (PPM) approaches is essential to all people affected by TB. PPM is the involvement of all health care providers - public and private, as well as, formal and non-formal - in the provision of TB preventive and care services. This care should align with the *International Standards for TB Care* for patients who have or are suspected of having tuberculosis. Efforts to engage the private healthcare sector will:

- Contribute to reaching the 4.1 million people with tuberculosis (TB) who are missing in the TB reporting system;
- Improve TB services in all steps of the care-cascade and patient pathway;
- Increase people-centered quality of care for those affected by TB;
- Prevent further transmission of TB and drug-resistant forms of TB;
- Build primary healthcare TB service delivery mechanisms closest to the most vulnerable populations, allowing for integrating with other health and disease programs;

- Accelerate uptake of new WHO recommended TB diagnostics and treatments by private healthcare providers.

This TB PPM course aims to address the above knowledge and practice gaps by providing new knowledge, facilitating discussion, and encouraging debate around these topics.

## OBJECTIVES

- Understand the data, background factors, and conduct of a PPM situation analysis
- Learn key strategies of the PPM Roadmap and underlying frameworks (financing, policy, regulation, health systems, etc.)
- Discuss concrete examples of PPM implementation that have worked or failed
- Apply practical tools to plan, implement, monitor and evaluate PPM programs
- Learn strategies for overcoming the know-do gap, including partnership strategies, incentives, and system-wide changes that integrate PPM as part of the national health system

## TARGET AUDIENCE

- Government staff in high-TB-burden countries
- TB staff at technical agencies and NGOs
- TB consultants
- NGOs implementing health programs, interested in TB
- anyone with an interest in PPM and engaging the private healthcare sector in Ending TB

## COURSE FORMAT

**Online only.** Approximately 9:00am to 12:30pm (Montreal time) each day June 3-7, 2024. In addition, on May 21st from 9:00am-12:00pm there will be an introductory session that all should attend to discuss the course outline and practical homework assignments. Attendance at the introductory session will help participants maximize the course week. A recording of the introductory session and all course lectures will be available until July 1, 2024.

## ENROLMENT

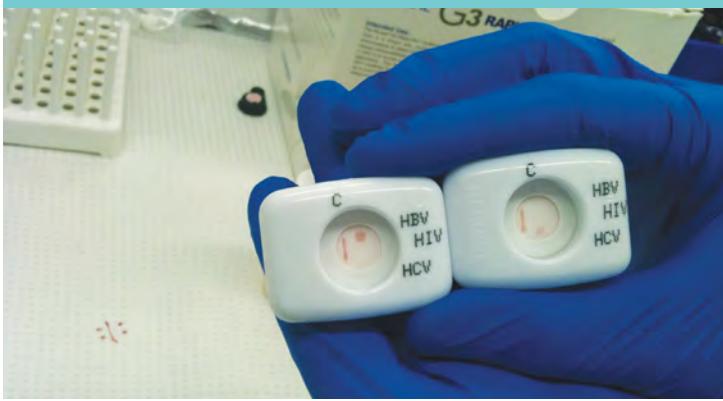
Limited to 100 online participants.

**TO REGISTER:** [mcgill.ca/summerinstitute-globalhealth](http://mcgill.ca/summerinstitute-globalhealth)



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# Global Health Diagnostics

HYBRID | JUNE 5-7, 2024

This three-day seminar on global health diagnostics will focus on cross-cutting issues (implementation, evidence, policy and guidance, cost effectiveness, data harmonization, artificial intelligence) in the infectious diseases diagnostics space, spanning antimicrobial resistance (AMR), acute febrile illnesses, neglected tropical diseases (NTDs), sexually transmitted and blood borne infections (HIV/STBBIs), TB, and Malaria.

Participants will learn from experts and stakeholders including policy makers, academics, clinicians, researchers, community advocates, program managers, product manufacturers, donors, product development partnerships, public health implementers and health leaders from high-burden countries. Attendees can expect a mix of plenary talks, engaging panel discussions and tech pitches from industry leaders.

## COURSE DIRECTORS

**Nitika Pant Pai, MD, MPH, PhD**

Associate Professor, Division of Clinical Epidemiology, Experimental Medicine & Infectious Diseases, McGill University; Center for Outcomes Research and Evaluation, MUHC Research Institute

**Cédric Yansouni, MD, FRCPC, DTM&H**

Associate Professor, Divisions of Infectious Diseases and Medical Microbiology, McGill University Health Centre; Associate Director, J.D. MacLean Centre for Tropical and Geographic Medicine

## CONTENT

Infectious diseases continue to pose a major threat to the health of most developing nations. The COVID-19 pandemic and emergence and spread of infections like XDR-TB, Ebola, dengue, chikungunya, and avian influenza have highlighted the importance of effective global response to epidemic threats.

Diagnosis is a critical step in effective disease care and control, but many people in developing countries do not have access to high quality diagnostic tests.

In this popular course, professionals ranging from clinicians, nurses, policy-makers, researchers, implementers, advocates and health educators gather to share their rich and diverse experiences, successes, failures and lessons learned in launching, leading, important diagnostic initiatives, globally.

## OBJECTIVES

- Create a space for information exchange and knowledge transfer in global health diagnostics that energizes those working and studying in the field.
- Inform, educate, and convene discussions on current issues in global health diagnostics to guide the direction of future practice, policy, and funding initiatives for diagnostics.
- Dissect the value chain for global health diagnostics development, current pipeline of diagnostics, market size and dynamics, policies on diagnostics, and barriers for scale-up for selected infectious diseases of global health importance across all infections.
- Debate and propose solutions for accelerating market entry for innovative diagnostics, to sustain and support manufacturers' engagement in development of new diagnostics that address unmet global health needs.
- Debate and identify novel approaches to scale-up, including innovative business models that leverage market-based incentives.

## TARGET AUDIENCE

- This course appeals to a wide range of participants including:
  - Policy makers and ministry officials
  - Researchers, academics, and students/fellows studying global health or infectious disease
  - Product developers, and industry
  - Funders and public health agency officials
  - Community advocacy groups working in diagnostics and global health

## COURSE FORMAT

- Hybrid. Course will be live to both in-person and online participants approximately 9:00am-3:00pm (Montreal time) each day, June 5-7, 2024. All content will be recorded and accessible to participants until July 1, 2024.

## ENROLMENT

- Limited to 100 online participants and 100 in-person participants.

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# TB Research Methods

HYBRID | JUNE 10-14, 2024

An intensive course on methods of operational research, randomized controlled trials, systematic reviews and meta-analyses, qualitative / community-based research, decision analyses and modeling. Format will include lectures, debates, panel discussions and small group work.

## COURSE DIRECTOR

Dick Menzies, MD, MSc

Director, WHO Collaborating Centre for Tuberculosis Research  
Director, McGill International TB Centre

## CONTENT

This course will introduce broad tuberculosis research topics –the World Health Organization’s Research plan as part of the End TB strategy, priorities in drug resistant and HIV-related tuberculosis, as well as the missing pieces of the TB Research puzzle. Every morning session will focus on a different methodology – operational research, systematic reviews, randomized trials and economic analysis. In the afternoons, there will be “late-breakers”, short presentations of exciting new findings from course faculty, followed by basics in biostatistical methods, then small group sessions to work in operational research, epidemiology, systematic reviews, randomized trials or cost analysis. The output from each small group will be presented to the entire group on the final afternoon.

## OBJECTIVES

- List the latest advances in TB research - in diagnosis, treatment, drug resistance, and prevention
- Explain the fundamentals of research methods that are commonly used in clinical, epidemiological and public health studies in TB
- Critically appraise published articles to better understand the relevance to participants' setting, population, available resources, and practice.

## TARGET AUDIENCE

- Clinicians interested in TB research
- MSc, MPH and PhD students interested in TB research projects
- Postdoctoral fellows, clinical fellows and residents interested in TB research
- 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

## COURSE FORMAT

- Hybrid. Course will be live to both in-person and online participants approximately 9:00am-2:00pm (Montreal time)
- each day June 10-14 2024 and content presented will be recorded and available until July 1, 2024. In the afternoons, small group sessions on randomized controlled trials (RCT), economic analyses, operational research and systematic reviews will be conducted from about 2:00-5:00pm (Montreal time). In-person attendees will be able to choose one of these four topics. Online attendees will only be able to choose from operational research and systematic reviews small groups. Small groups will not be recorded. On the last day all participants can share with the larger class their work in the small groups.

## ENROLMENT

- Limited to 60 online participants and 40 in-person participants.



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# Providing Health Care to Refugee, Immigrant and Migrant Populations

HYBRID | JUNE 12-14, 2024

This course will provide a comprehensive overview of the approach and management of priority health care issues faced by refugee, immigrant and migrant populations. It will cover the clinical issues and public health implications of key infectious and non-communicable diseases among these populations as well as the barriers and facilitators of accessing care. The importance of implementing culturally adapted care and insights and tools from programs in different regions that have successfully used this approach will be presented.

## COURSE DIRECTORS

**Christina Greenaway, MD, MSc, FRCPC**

Professor of Medicine, McGill University

Division of Infectious Diseases and Center for Clinical Epidemiology,  
SMBD-Jewish General Hospital, J.D. MacLean Centre for Tropical  
Diseases

**Lavanya Narasiah, MD, MSc, CCFP**

Medical Director, Clinique des Réfugiés in Montréal

**Sapha Barkati, MD, MSc, FRCPC, DTM&H, CTropMed**

Educational Director, J.D. MacLean Centre for Tropical Diseases,  
Divisions of Medical Microbiology & Infectious Diseases, McGill  
University Health Centre

## CONTENT

Global Migration is increasing, and providing culturally adapted health care is a challenge facing clinicians, public health and policy makers on all continents. This course will provide an overview of the important health conditions to consider, management issues, and practical approaches and tools. It will include the underpinning social determinants of health and the importance of a multi-disciplinary multi-sectoral approach.

The content of the lectures will focus on the unique epidemiology and clinical aspects, public health implications and best practice approaches for diverse refugee, immigrant and migrant populations.

The following topics will be covered:

1. Migration flows and determinants of migration
2. Approach to and management of key infectious diseases including tuberculosis, viral hepatitis, HIV, parasitic infections
3. Vaccination and vaccine hesitancy
4. Management of key non-communicable diseases such as diabetes, cardiac disease, cancer, cancer screening and mental health issues.

5. Pediatric health issues
6. Women's health issues
7. Health care access barriers and facilitators
8. Working with interpreters and providing culturally competent care
9. Examples of programs in Canada, the US and Europe that provide linguistically and culturally adapted care for migrant populations

The course curriculum will include didactic expert lectures, clinical vignettes to highlight key issues, as well as panel discussions and question periods following each half day to encourage lively discussions and active engagement.

## OBJECTIVE

By the end of the course, participants will have a good understanding and appreciation of the broad range of the health needs of diverse migrant populations along with strategies for addressing these needs.

## TARGET AUDIENCE

- Clinical trainees and students
- Clinicians—both primary care and specialists
- Public health practitioners
- Policy makers

## COURSE FORMAT

**Hybrid.** The course will be hybrid and live to both in-person and online participants approximately from 8:00am-4:30pm (Montreal time) each day June 10-12, 2024. Live content will be recorded and accessible to participants until July 1, 2024.

## ENROLMENT

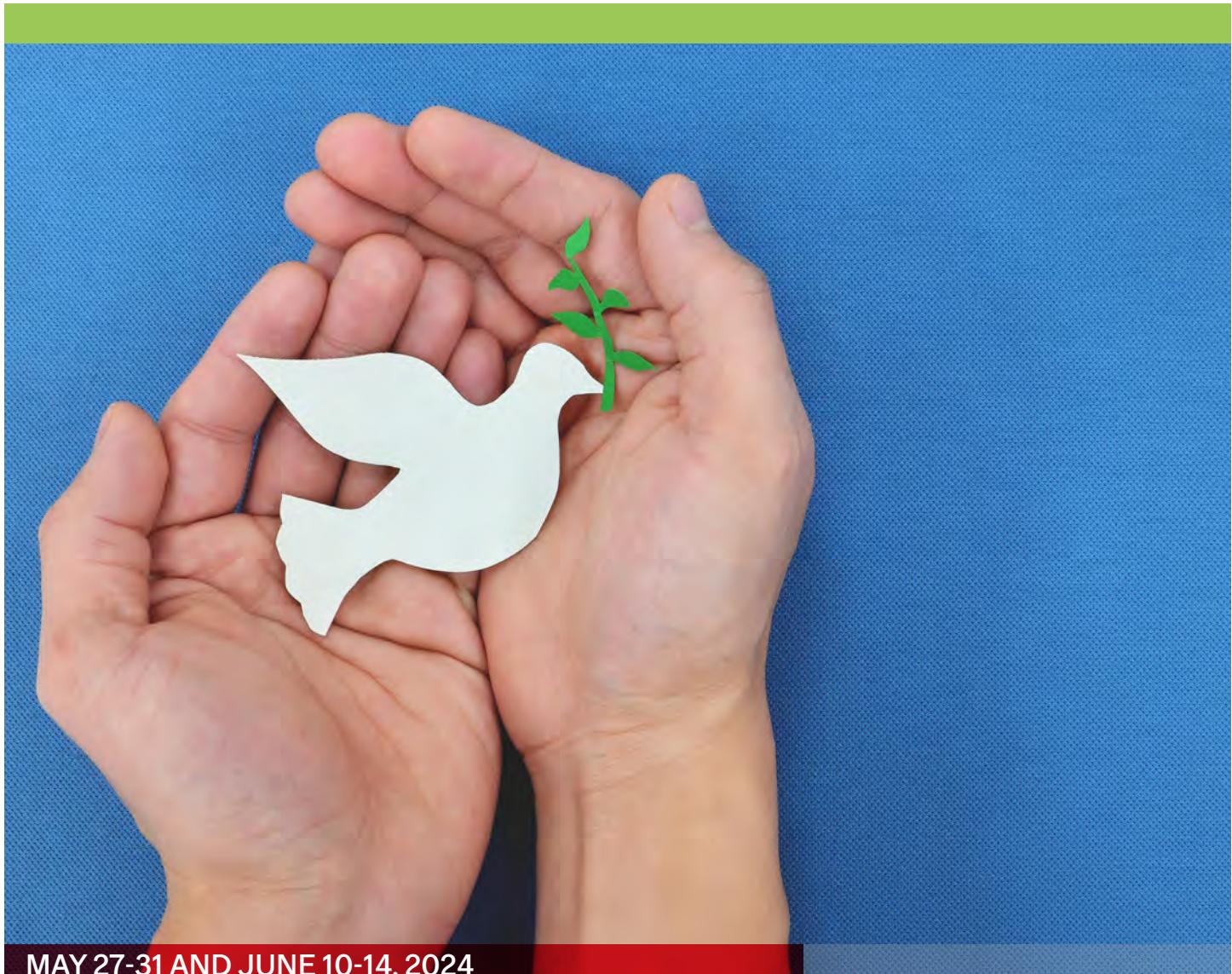
Limited to 100 online participants and 100 in-person participants.

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MAY 27-31 AND JUNE 10-14, 2024

# **Summer Institute in Peace, Health and Sustainability**

**with the Pegasus Institute**



**PEGASUS  
INSTITUTE**



**McGill**

Summer Institutes  
in Global Health

McGill is pleased to partner with the Pegasus Institute to offer courses for students interested in how conflict and the environment shape human health. Courses will explore connections between larger events in the world and the health of populations and individuals.



# Environment and Global Health

ONLINE ONLY | MAY 27- 31, 2024

Global health crises unfolding around the world are inextricably linked to the sustainability of vital bio-physical systems. Environmental and global health approaches explore the interdependent relationship between human health and natural ecosystems. These approaches study the impacts on populations and societies (transcending borders), and in particular those most vulnerable and the ways in which we might explore collective solutions. This course examines the environment and global health issues from healthcare practitioner, environmental science, public health and policy perspectives. It is designed for those who wish to gain insight into how human health and well-being is directly affected by environmental factors and to explore a variety of approaches to environment and health problems on macro and micro-scales.

## COURSE DIRECTORS

**Neil Arya, BASc, MD, CCFP, FCFP, DLitt**

Founding Board President PEGASUS Institute  
Adjunct Professor- Environment and Resource Studies,  
University of Waterloo  
Former Chair Ontario College of Family Physicians (OCFP)  
Environmental Health Committee and member Pest Management  
Advisory Council of Health Canada

**Nolwenn Noisel, PhD**

Assistant Professor, Environmental and Occupational Health  
Department, School of Public Health, University of Montreal  
Researcher, Centre for Public Health Research (CReSP)

## CONTENT

Speakers will share experiences and expertise on local and global issues such as: climate change, pesticides, air, water and food contamination related to extractive industries, agricultural practices, different ways of knowing and advocacy from health perspectives. Course participants will also be encouraged to reflect and share their own observations and examples.

## OBJECTIVES

- To foster an understanding of the interconnections between public health, and environmental systems
- To encourage participants to apply an environmental perspective to their own areas of interest with respect to human health

- To explore how evidence is developed, science-based policy is made, and share different approaches to global and human health ranging from the biomedical model and evidence-based medicine, to Indigenous ways of knowing, to broader ecosystem and environmental perspectives affecting public and individual health
- To examine impacts on at risk populations in the Global North and South including Indigenous populations
- To consider what role environmental advocacy may be playing in health care and the implications for human health and the advocate/practitioner.

## TARGET AUDIENCE

- Transdisciplinary group including health practitioners, public health and environmental studies graduate students and faculty, programme managers, policymakers, advocates with an interest in global and community health, the relationship between human health and the physical environment, ethics, political, development and governance considerations.

## COURSE FORMAT

- **Online only.** Course will be live approximately 8:00am-12:00pm (Montreal time) May 27 - 31, 2024. All teaching will be recorded and available to view until July 1, 2024.

## ENROLMENT

- Limited to 100 online participants.

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# Peace through Health

ONLINE ONLY | JUNE 10-14, 2024

The World Health Organization recently prioritized a *Global Health for Peace Initiative*. In line with that framework, this course explores the basic principles and practice of “Peace through Health”, demonstrating how peace and health perspectives can complement each other. By examining concepts, competencies, determinants, indicators and real-world examples of the interrelationships and interlinkages between peace/war/violence and health/disease/illness, the course allows for the critical analysis of integrated peace and health paradigms. Teaching will also delve into the effects of conflict on health and the practice of healthcare; and subsequently the use of health-based concepts and practice to transform conflict.

## COURSE DIRECTOR

Neil Arya, BASc, MD, CCFP, FCFP, DLitt

Fellow, Balsillie School for International Affairs

Past VP, International Physicians for the Prevention of Nuclear War (IPPNW) Congress

Founding President, PEGASUS Institute for Peace, Global Health, and Sustainability

## CONTENT

The connections between health-disease and peace-war are multiple. Militarized violence and war have serious and negative effects on human health. Directly, through casualties and injuries, and indirectly, through disrupted economic and social systems that address health needs as well as instill fear and distrust. Thus, working against violence in all its forms should promote human health and wellbeing. The health sector offers an especially interesting form of peacebuilding, known as “Peace through Health” or as termed by WHO “Health as a Bridge to Peace”.

The course is meant to allow critical analysis of the interrelationships between health-disease and peace-violence and the role of health-related interventions and humanitarian work as a means of discouraging violence and addressing root causes. A case study approach will be employed including experiences from lecturers in Afghanistan, Iraq, Syria, Somalia, Israel/Palestine, El Salvador, Peru and Sri Lanka, as well as students themselves.

## OBJECTIVES

- Provide students with information on determinants and indicators of health and peace.
- Develop students' critical thinking abilities toward analyzing

- global peace and health problems and finding ways to deal with issues of violence from a health perspective.
- Prepare students to work in Global Health & Peace promotion and three levels of prevention (primary, secondary and tertiary), in and out of zones of conflict.

## COURSE OUTCOMES

- By the end of this course, participants will be able to:
  - Understand the potential and limitations of work for peace through one societal sector – the health sector.
  - Identify, describe, and discuss the basic principles of peace through health, and how peace perspectives and health perspectives can complement the work of the other sector.
  - Recognize the impact, risks, and opportunities of peace perspectives in health practice.

## TARGET AUDIENCE

- Policymakers, programme managers, government, and public health junior faculty
- Graduate students and faculty with an interest in peace, global health and community health
- Health practitioners
- Funding, advocacy and policy bodies
- Those working in warzones, advocates and civil society
- Transdisciplinary with interest in peace- law, medicine, ethics, global health, political science, international development, governance

## COURSE FORMAT

- Online only. Course will be live approximately 8:00am-12:00pm (Montreal time) on June 10-14, 2024. All teaching will be recorded and available to view until July 1, 2024.

## ENROLMENT

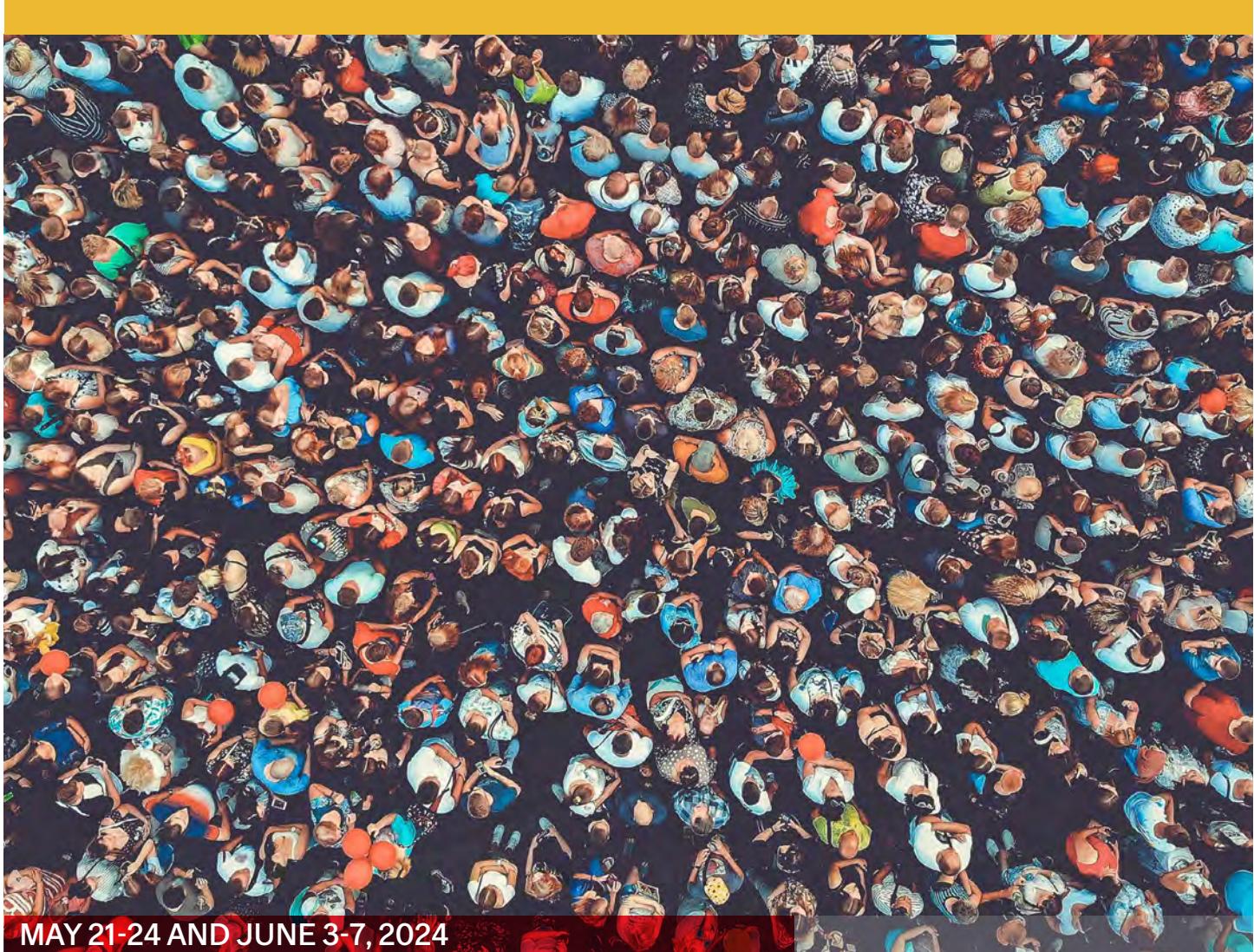
- Limited to 100 online participants.

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MAY 21-24 AND JUNE 3-7, 2024

# Summer Institute in Global Health Equity



uOttawa



Summer Institutes  
in Global Health

The McGill Summer Institutes are pleased to offer several unique courses covering topics related to policy, advocacy and leadership in global health. A few of the courses are offered in partnership with Results Canada and the University of Ottawa. “From Evidence to Impact: Fundamentals of Global Health Advocacy” is an expanded version of last year’s popular morning session on the same topic. Also for 2024, Dr. Madhu Pai, Inaugural Chair of the McGill Department of Global and Public Health, will be teaching a new course for those interested to learning about the field of global health. Be sure to check-out the description for “Reimagining Global Health”!



# From Evidence to Impact: Fundamentals of Global Health Advocacy

ONLINE | MAY 21-22, 2024

IN-PERSON | MAY 23-24, 2024

Advocacy has a crucial role to play in shaping priorities and policies in global health, yet figuring out how to get started in advocacy can be daunting. Through a combination of lectures, interactive activities, case studies and guest speakers, participants will leave this course inspired by the potential of advocacy for positive change and confident in their ability to incorporate it into their own work. Focusing on both the theory and practical steps behind effective advocacy, this course is relevant for both global and Canadian audiences as well as those brand-new to advocacy or those who want to build on their existing skills.

## COURSE DIRECTORS

Leigh Raithby

Senior Policy and Advocacy Officer, Results Canada and Stop TB Canada

## CONTENT

Advocacy is democracy in action – it can play a powerful role in influencing and shaping priorities and policies in global health. An effective advocacy campaign consists of several strategic components, that together, can effect change at national, regional, and international levels. In this session, participants will learn to identify opportunities for policy change in different contexts, and the tools to influence decision-making to bring about specific changes in global health. This will include an overview of advocacy, key components to build high-impact campaigns in different settings, working collaboratively with multiple stakeholders, ways to communicate effectively with target audiences, engaging parliamentarians and policymakers, and campaigning through digital advocacy. The session will include relevant experts from different country contexts sharing their experiences advocating for healthy lives and human dignity for everyone, everywhere.

We will utilize case studies that are global in nature and have guest speakers from a variety of countries so participants can be inspired about how they may apply advocacy in their own contexts and have a good understanding of the breadth of advocacy work that is happening around the world.

## OBJECTIVES

- To foster a nuanced understanding of advocacy, decision-making processes, and translating evidence-based knowledge into policy action in global health.
- To equip participants with the ability to develop a step-by-step advocacy strategy – from developing an “ask” to identifying appropriate targets, tactics and allies and measuring impact.
- To explore and share different strategies, tactics, challenges and barriers to influence decision making in global health.
- To encourage participants to apply advocacy using an anti-oppression and equity lens to their areas of work.

## TARGET AUDIENCE

- Public health graduate students and faculty with an interest in global health advocacy
- Health researchers and practitioners
- Policymakers, administrators, and policy advisors
- Community advocates and civil society

## COURSE FORMAT

- **Online or in-person.** Enrollees will need to pick which section of the course to attend. The course will be online May 21 & 22 9:00am-3:00pm (Montreal time) and in-person May 23 & 24 9:00am-3:00pm. The online course will be recorded and available until July 1, 2024.

## ENROLMENT

- Limited to 100 online participants and 50 in-person participants.

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# Reimagining Global Health

ONLINE ONLY | MAY 21 - 24, 2024

Since colonial times, global health has always been more about charity, goodwill, and saviorism, rather than justice, rights, and equity. Without education and reflection, it is easy to perpetuate this saviorism model of global health. To counter this, we need to reimagine a better model, one that is rooted in justice, equity, human rights, and self-determination. As we deal with massive, transnational challenges that threaten our very existence (e.g., widening economic inequities, conflicts, pandemics, and climate change), our ability to act as global citizens, forge genuine partnerships and demonstrate authentic solidarity and allyship may well determine our shared future.

## COURSE DIRECTOR

Madhukar Pai, MD, PhD

Chair, Department of Global and Public Health, School of Population and Global Health, McGill University  
Canada Research Chair of Epidemiology & Global Health, McGill University

## CONTENT

This interactive course aims to give students the opportunity to broaden their understanding and knowledge of global health issues, including core topics such as the colonial history of global health, power asymmetries in global health, privilege, racism & allyship, global health governance, social determinants of health, and health inequities. Given the COVID-19 pandemic and the climate crisis, the course will use pandemics and climate crisis, two existential threats, to illustrate the challenges and opportunities inherent in global health work. Throughout the course, the need to 'decolonize global health,' as well as to practice authentic allyship will be highlighted. The course will help students to avoid a white saviorism approach to global health. The course will also encourage students to consider the glocal model and address health disparities wherever they occur.

The course consists of lectures (including guest lectures from experts around the world), discussions and inspiring videos/films or podcasts.

As explained by Dr. Pai and several other global health teachers (BMJ Global Health 2021), the course will attempt to:

- Use COVID-19 & climate crisis as a teachable moment, and use them to focus on equity and human rights as a central theme in global health.
- Cover the importance of understanding racism and white supremacy in global health, and include content on privilege, anti-oppression, anti-racism and allyship.
- Include content on coloniality in global health and the persistent power asymmetries that affect every aspect of global health (e.g. inequity in Covid-19 vaccine access).
- Center the course on Black, Indigenous and people of colour speakers, especially experts from the Global South, Indigenous scholars, and individuals with lived experience.
- Teach students to avoid a white saviorism approach to global health and to see and address health inequities wherever they occur, not just in low-income countries.

## OBJECTIVES

At the end of this course, participants will be able to:

- Understand the colonial origins of global health, and the deep-rooted structural inequities that characterize the field, and gain a clearer idea of the possible contributions that they can make in this area as global citizens who deeply care about solidarity, equity and justice.

## TARGET AUDIENCE

This course is aimed at senior level undergraduate students, medical, nursing, and allied health students, and graduate students interested in global health.

## COURSE FORMAT

Online only. Course will be live to online participants approximately 9:00am to 1:00pm (Montreal time) each day May 21 - 24, 2024. All content will be recorded and accessible to participants until July 1, 2024.

## ENROLMENT

Limited to 100 online participants.

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# Health Systems Strengthening and Global Governance

ONLINE ONLY | JUNE 3-7, 2024

This course provides an overview of a systems for health approach to understanding global health inequity. A conceptual framework that integrates the health systems building blocks with the interaction of social determinants of health and policies in other sectors form the basis of this course. The interactive sessions will be led by a faculty expert and will have opportunities for small breakout sessions. There will be short presentations by students regarding their breakout session discussions and assigned readings.

## COURSE DIRECTORS

**Janet Hatcher Roberts, BA, MSc**

Adjunct Professor, University of Ottawa, School of Epidemiology and Public Health

Co-Director, WHO Collaborating Centre for Knowledge Translation and Health Technology Assessment for Health Equity

**Innocent Ntaganira, MD, MSc, MA**

WHO Collaborating Centre on Knowledge Translation and Technology Assessment in Health Equity

Member of the Advisory/Honorary Board of the Pegasus Institute

**Srikanth Kondreddy, PhD**

Adjunct Professor, University of Ottawa, School of Epidemiology and Public Health

Senior Fellow at the WHO Collaborating Centre for Knowledge Translation and Health Technology Assessment in Health Equity

Founding member and Vice-president of Policy and Research with UrbanHealth360

## CONTENT

Over the past 20 years we have seen that having a strong health system is critical to realizing the improvements needed in health and health equity throughout the world. The sustainable development goals (SDGs) have also caused us to reflect on the positioning of health and health care within an intersectoral and intersectional vision of progress toward improved health and well-being. Now, more than ever, we see the impact of the global COVID pandemic not just in terms of health, but the impact, interaction and competing priorities of the related economic turn, governance,

- human resources, poverty, housing, gender and education
- which are creating, and will continue to create, significant inequities globally. Understanding and being able to incorporate a “lens” that examines and critically appraises a systems for health approach is essential for those working in the health and social policy domains, or in other policy domains, research or academia to support the move forward to better health and well-being of those who live and should flourish on this planet.
- This course builds the participant’s ability to understand health systems. The course utilizes problem-based learning, case studies, comparative analysis, and practice exercises to engage learners in following topics:
- 1. Introduction to health systems and unpacking perspectives
- 2. Burden of disease and context of equity
- 3. Equity, gender and global health challenges
- 4. Sustainable and responsive human resources for health leadership
- 5. Global governance and COVID-19
- 6. Healthcare financing from a global perspective
- 7. Health systems perspective on infectious diseases in developing countries and resource poor settings

## OBJECTIVES

- Understand and apply a health systems framework in a global health context
- Understand integrative and interdisciplinary approaches to service delivery, programs/interventions and policy development
- Understand approaches for assessing progress in improving global health
- Understand key concepts of equity, gender and human rights and the interrelationships with vulnerable populations
- Understand the principles and opportunities for global health research

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## TARGET AUDIENCE

This course is intended for health practitioners in a global context, researchers, and policy/decision makers to be able to integrate a *systems for health* and equity lens into their everyday work and activities. It is not critical for participants to come from a public health/healthcare background, but it does provide a foundational base to understanding some of the issues taught in the course.

## COURSE FORMAT

- Online only. Course will be live approximately 8:00am-1:30pm (Montreal time), with break, each day June 3-7, 2024. Live content will be recorded and available until July 1, 2024. Asynchronous content will be included as part of the self-directed learning for some of the sessions and will be discussed in the course.

## ENROLMENT

- Limited to 100 online participants.

## CONCEPTUAL FRAMEWORK FOR HEALTH SYSTEMS COURSE

### Values and Goal of Health System: Equity and Accountability



Adapted from JHR 2002

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# Global Health Law: A Primer for Health Students, Practitioners, & Professionals

HYBRID | JUNE 3-7, 2024

Effective laws and policies are critical to the advancement of health globally. From infectious and non-communicable diseases to the equitable uptake of health-related technologies, law and policies can contribute to addressing major contemporary health challenges. Despite this, in many countries, legislation and practices are antiquated and at times even hostile to the goals of promoting health and access to medicine. For the advancement of health to become a reality for all, it is crucial that all health professionals, including medical students, health practitioners and others have the tools to address and navigate the complex relationship between global health and law.

The goal of this course is to provide the legal knowledge public health, health policy and law students, medical practitioners, and other professionals need to harness the power of law as a tool to improve global public health.

## COURSE DIRECTORS

**Yann Joly, Ph.D. (DCL), FCAHS, Ad.E.**

Director, Centre of Genomics and Policy, McGill University  
James McGill Professor, Department of Human Genetics,  
McGill University  
Associate member, Bioethics Unit and Faculty of Law,  
McGill University  
Advocatus Emeritus, Quebec Bar

**Diya Uberoi, PhD, JD, LLM, MPhil**

Academic Associate- Centre of Genomics & Policy,  
McGill University

## CONTENT

This course offers an introduction to the fundamental elements of global health law and policy. It considers the form and function of global health and provides an introduction to how laws and policies interact with emerging issues in global health today. Key topics include: the role of the WHO in global health governance, the framework convention on tobacco control, global health and human rights, international frameworks for pandemic preparedness, open science and the digitalization of health data, legal implications of the one health approach, the impact of health-related technologies on health and justice, and the role of law and governance in matters of genomics.

The course will be taught in seminar style, complemented by thematic class discussions and case studies. Through class

- lectures, case studies, and discussions, students will be asked to reflect on the complex relationship between law and its interaction with emerging health concerns.
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## OBJECTIVES

By the end of the course, participants will be able to:

- Reflect upon the role of international law and human rights in global health.
- Discuss the role different international actors and institutions play in enforcing health.
- Understand the ethical, legal, and social implications of genomic research.
- Apply legal and ethical concepts to analyze different matters of public health.
- 

## TARGET AUDIENCE

- Health practitioners and medical students
- Public health and health policy students
- Law students
- Professionals interested in international/global health policies
- Community advocates and civil society
- Health care corporates
- Professionals from international health and law organizations
- 

## COURSE FORMAT

**Hybrid.** The course will be taught live to both in-person and online participants approximately 9:00am-12:30pm (Montreal time) each day June 3-7, 2024. Live content will be recorded and available until July 1, 2024.

## ENROLMENT

Limited to 50 online participants and 50 in-person participants.

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# Montreal: a unique city

Vibrant nightlife, eclectic cuisine, and cobblestone streets. Here in Montreal, the old city blends seamlessly into a modern metropolis of glass and steel, where trendy boutiques sit side-by-side with quaint bistros and brasseries.

Surrounded by the mighty St. Lawrence River and more than 400 islands, Montreal buzzes with energy and excitement all year long. Festivals abound, celebrating the power of laughter, fireworks, diversity, fast cars and cool jazz, a wintertime fusion of performing arts, fireworks and fine wine and dining.

The world's second-largest French-speaking city, Montreal is renowned for its numerous universities, medical and scientific research centers, as well as for its cultural and artistic life, excellent restaurants and hotel network. While French is the official language of the Province of Québec, English is also widely spoken in Montreal.

You can enjoy the artisan studios of the Old Port, or the shops, theatres, and major department stores of the under-

ground city. Montreal's artistic scene includes one of the world's leading orchestras, an internationally-renowned ballet company, English and French theatres, comedy clubs, and dozens of museums and galleries.

Enjoy the city's mixture of European and North American charm that both surprises and enchants participants of the Summer Institutes year after year.

The Infotouriste Centre located in Old Montréal, offers free tourism information about Montréal, and the rest of the province of Québec. You can find out about guided bus tours, STM transit fares, Montréal Museums, cruises and car rentals. The Infotouriste Centre is located at: 174, rue Notre-Dame Est. Montréal, QC H2Y 1C2

Additional Information about activities can also be found at the Tourisme MTL website: [www.mtl.org/en](http://www.mtl.org/en)

# Registration

## To register

Visit our website: [www.mcgill.ca/summerinstitute-globalhealth](http://www.mcgill.ca/summerinstitute-globalhealth)

## Pricing

The cost of each course is clearly marked on the registration form. Prices vary by category and course—discounts are given for participants from low and middle-income countries and for students. There are also different prices for courses that are offered both in-person and online.

## Deadlines

Registration closes when the course is full, or seven days before the course is scheduled to begin.

## Overlapping courses

Participants wishing to enroll in overlapping courses are permitted to do so, but should be aware that if overlapping courses have live sessions happening at the same time they may have to view some content later as a recording.

## Scholarships

We have a limited amount of funding and are only able to grant scholarships for registration fees. We are not able to fund travel or lodging (for those courses that are in-person). If you are interested in a scholarship you must apply at our website for the scholarship before registering for your courses.

## Group registration

Groups larger than 10 people are eligible for group registration and payment by invoice. Contact us at [summerinstitute.med@mcgill.ca](mailto:summerinstitute.med@mcgill.ca) first, to discuss the proper registration procedure and receive instructions. We regret that we cannot invoice for groups of less than 10 people.

## Key dates

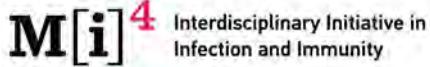
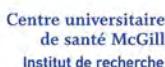
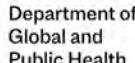
**January 16, 2024:** Registration opens

**March 1, 2024:** Registration deadline for those attendees wishing to travel to Montreal to participant in-person and who will be applying for a visa to travel to Canada.

**March 31, 2024:** Scholarship applications are rolling, and we encourage you to apply early. If there are still funds available, this is the last date we will consider applications.

**May 3, 2024:** Registration pricing increases by 10% for late registration period.

## 2024 HOSTS



**TO REGISTER:** [mcgill.ca/summerinstitute-globalhealth](http://mcgill.ca/summerinstitute-globalhealth)







## McGill Global Health Programs

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Summer Institutes  
in Global Health