



Postgraduate Medical Education
UNIVERSITY OF TORONTO

GLOBAL HEALTH EDUCATION INITIATIVE

A certificate program for medical residents and fellows.

LOCAL TRAINING. GLOBAL IMPACT.

September 2024 – May 2025



Welcome to the Global Health Education Initiative and PGME Global Health Community!

Dear Residents and Fellows,

On behalf of the GHEI module coordinators and guest lecturers, we would like to welcome you (and welcome you back) to the Global Health Education Initiative. This program includes details for new and returning GHEI participants. This program schedule includes all modules and sessions from September 2024 through May 2025.

Global health is a conceptual framework to understand how expressions of health and illness are impacted in the world, global health is local health and local health is global health. Global Health knowledge useful in everyday practice in Canada and are critical to solving the most challenging health problems affecting individuals and communities around the globe.

The Global Health Education Initiative, now in its 15th year, is an exciting initiative which fills a long-recognized gap in the training of physicians who are interested in making an impact in global health education, research and practice.

It adds to informal mentoring by providing a structured, evidence-based, and carefully designed curriculum in a small group format - an approach to global health education unique to this program and to the university. The University of Toronto is home to one of the largest concentrations of Global Health leaders in the world. As GHEI participants, you will have access to these individuals who have committed to sharing their expertise and passion for global health with you. By taking part in this program, you will be part of a growing community of professionals dedicated to using more innovative and effective methods to address the needs of marginalized populations at home, and underserved populations abroad. You will also be contributing to the fulfillment of the Temerty Faculty of Medicine's mandate towards social accountability within and outside the borders of the University, the City of Toronto and globally.

Balancing the demands of residency with the GHEI program may not be easy, but your future patients and their communities will thank you.

With best wishes,

Dr. Meredith Giuliani
Associate Dean, Postgraduate Medical Education
Temerty Faculty of Medicine, University of Toronto

Judy Kopelow
Global Health Education Initiative Administrative Director
Global Health Programming and Strategic Initiatives Manager
Postgraduate Medical Education, Temerty Faculty of Medicine, University of Toronto

Dr. Barry Pakes
Global Health Education Initiative Program Director
Global Health Academic Lead
Postgraduate Medical Education, Temerty Faculty of Medicine, University of Toronto

PROGRAM OVERVIEW

The Global Health Education Initiative (GHEI) certificate program provides interested medical residents with knowledge and skills relevant to the practice of global health. The program objectives are aligned with CANMEDS objectives, emphasizing an understanding of global determinants of health, technical skills, advocacy, management and leadership, interdisciplinary collaboration and public health medical expertise. The program is taught by leading University of Toronto global health faculty and practitioners who also have established international global health partners.

CANMEDs COMPETENCIES AND TRAINING OBJECTIVES

As your program and Postgraduate Medical Education transitions to Competency Based Medical Education (CBME), residents are encouraged to include competencies met during the GHEI program in their training portfolios, particularly those competencies in intrinsic CANMED domains.

Examples of activities that demonstrate competence and could be included in your portfolio include completion of self-reflections related to GHEI sessions, description of leadership roles, participation in the PGME Global Health Research Showcase, Journal Clubs and PGME Global Health Day.

Participating in the GHEI program will allow residents to achieve competency in areas of global and meet the following objectives:

1. To increase awareness of global health issues among healthcare trainees and develop effective advocacy skills. (Advocate)
2. To introduce healthcare trainees to management skills necessary for the planning, development and administration of a range of programs, health system components and complex humanitarian emergencies. (Manager)
3. To augment participants' knowledge of diseases and syndromes affecting global communities and develop their skills in managing patients in challenging circumstances and with limited resources. (Medical expert - medicine)
4. To familiarize trainees with the goals and means of public health interventions, including population health assessment, health promotion, health protection, health surveillance, and disease and injury prevention for application in Canada and abroad. (Medical expert – publichealth).
5. To enhance trainee communication skills with patients, colleagues and others in the settings of language and cultural barriers; and to enhance trainee's ability to share knowledge, teach, and build local capacity (Communicator)
6. To help participants understand the roles of community groups, health service providers, faith groups, governments and other non-governmental organizations and to facilitate collaboration with these groups (Collaborator)
7. To supplement trainees' ability to access and contribute relevant literature and apply it to the global context, and to encourage appropriate and ethical research with the goal of improving community health. (Scholar)
8. To develop trainee competence in identifying and resolving ethical dilemmas encountered in the practice of medicine internationally and provide frameworks for ensuring professional behaviour in challenging environments. (Professional)

CROSS - CUTTING THEMES

The following themes will be incorporated in the content and delivery of each module:



PROGRAM FORMAT

The Global Health Education Initiative certificate program is delivered as a series of modules. Participants are required to attend the Program Opening Session, Module 1C, 5 additional core modules (of ten) and 6 elective modules (of sixteen) of their choosing. Each module is composed of 2-3 interactive sessions of 2-3 hours each or as full Saturday. Pre-session readings, pre and post sessions short quizzes and evaluations are mandatory. There are no final examinations.

OPENING SESSION, MODULE 1C AND GLOBAL HEALTH DAY

Program Opening Session will take place on Thursday, September 5th, 2024. The session will include an introduction to the program as a whole as well as a review of all program administrative details. Module 1C, which is mandatory for all participants is composed of four sessions. Sessions 1-3 will be led by faculty who will discuss key aspects of The Context of Global Health. We encourage you to attend the 2025 PGME Global Health Day and GHEI Graduation which will take place on Wednesday, May 21, 2025, with location and theme to be confirmed. All trainees are invited to join the Global Health Day Planning Committee. Please contact j.kopelow@utoronto.ca

LOCATION

All GHEI sessions will take place via Zoom and/or the 6th Floor Boardroom, Postgraduate Medical Education, 500 University Avenue (west side of University Avenue, just north of Dundas Street).

PROGRAM REQUIREMENTS

Each GHEI participant is required to:

- Complete required readings for each session as identified by the module faculty. (All readings are available to be downloaded from the GHEI University of Toronto Quercus Portal.)
- Complete a Pre-Session quiz, post-session quiz, and Session Evaluation for each session they attend. Pre-Session quizzes will be circulated 10 days in advance and will be due 5 days before the session.
- All post-Session quizzes and Evaluations will be circulated the evening of the session and will be due 2 days after each session.
- Attend all sessions of the modules registered for.
- If a Core session is missed, then the resident needs to choose a make-up session from another Core module.
- If an Elective session is missed, then the resident needs to choose a make-up session from another Elective module.
- Keep an updated GHEI Module record, including modules registered for and completed; the sessions missed, and the make-up sessions completed (including Module name, number and date of replacement session)
- Each participant will be sent their Module Records to record and update their attendance

SESSION ATTENDANCE

Participants are asked to please sign-in at every session they attend. Session attendance will be recorded and residents missing sessions will be communicated with to help in supporting plans for make-up sessions.

If two sessions are missed from the same module a make-up module will need to be taken. The GHEI Administrative Team will work with participants and assist to ensure organization around make-up sessions is organized and strategic. If a Core session is missed; please choose a Core Session replacement; if an Elective session is missed; please choose an Elective Session replacement. All PGME GH Events can be registered to attend, and a GHEI Elective session credit will be earned.

COST AND CERTIFICATION

Tuition for this two-year program is \$1850.00. A certificate will be issued upon completion of the program requirements presented by PGME Associate Dean at the Annual Global Health Day and GHEI Graduation.

PROGRAM STATUS

This certificate program is considered extra-curricular. Residents are responsible to arrange their schedule to ensure that they meet the requirements of their residency programs. Participants need to discuss their participation in the GHEI Program and attendance at the Annual PGME Global Health Day with their program director before registration.

NEW APPLICANTS AND RETURNING PARTICIPANTS

Interested residents are invited to submit completed applications. All details are found on the PGME Global Health website from <http://gh.pgme.utoronto.ca/>

Returning registrants should review the GHEI program for September 2024-May 2025 and choose core and elective modules. Please send your choices to j.kopelow@utoronto.ca

PGME SPECIAL GLOBAL HEALTH EVENTS

PGME holds several special global health events throughout the year, which can be attended, for your interest or towards Elective session credits.

Confirmed 2024-2025 PGME Special Global Health Events are:

- 2024 PGME Research Showcase - Thursday January 30, 2025, 6pm-9pm
- 2024 PGME Global Health Day - Wednesday, May 21, 2025, 1:30pm–6:30pm
- Residents and fellows from all programs and specialties are invited to attend events.
- Please watch for details from the PGME Global Health Website

If you are interested to be part of planning committees, act as moderator or have theme suggestions, or any questions please contact j.kopelow@utoronto.ca

GHEI CERTIFICATE PROGRAM CURRICULUM CORE MODULES

PROGRAM OPENING SESSION

Session Development: Dr. Barry Pakes

The GHEI Opening Session will include an introduction to the program as a whole and a review of all program administrative details. All residents in the Class of 2026 (starting September 2024) are required to attend.

Thursday, September 5, 2024, 6pm-9pm

1C: The Context of Global Health (3sessions)

Module Development: Judy Kopelow with Guest Lecturers: Dr. Barry Pakes, Dr. Michelle Gaffey and TBC

The first session of this module will explore various perspectives on the nature of global health and introduce principles, goals and methods of global health practice. We will review basic metrics and frameworks for analysis and resolution of global health issues during a discussion of changing global demographics. The following sessions will be led by guest faculty and will concentrate on causes of health inequality; history of health and health inequity, moral history of global health and avenues for action; discussion on measuring global health, challenging research methods and research outcomes and use of research data.

Thursday, September 12, 2024, 6pm-9pm: Session 1.

Wednesday, September 18, 2024, 6pm-9pm: Session 2.

Wednesday, September 25, 2024, 6pm-9pm: Session 3.

2C: Global Health Governance and Infrastructure (1 Full Day)

Module Coordinator: Dr. Jerome Singh

This module aims to equip participants with an understanding of governance terminology and their respective implications in the context of global health; an overview of key global bodies and regimes, their respective jurisdictions and powers, and how they impact, or could impact, on global health; and finally, an understanding of how public health is governed at a global level, using a thematic approach.

Saturday October 5, 2024, 9am-3:30pm: Sessions 1,2 and 3.

GHEI CERTIFICATE PROGRAM CURRICULUM CORE MODULES

3C: Ethics, Rights, and Law (3sessions)

Module Coordinator: Dr. Barry Pakes

This module will interactively explore several approaches to ethical analysis in global health. We will begin with an introduction to foundational metaethical and ethical principles and then move on to discuss clinical, public health, and research ethics in the global context. We will explore and develop frameworks to reconcile these disparate perspectives. We will survey some alternative of these approaches to resolving Global Health dilemmas including legal instruments, international treaties and non-governmental organizations.

Tuesday December 3, 2024, 6pm-9pm: Session 1.

Tuesday December 10, 2024, 6pm-9pm: Session 2.

Tuesday December 17, 2024, 6 pm-9pm: Session 3.

4C: Fundamentals of Public Health Practice (3sessions)

Module Coordinator: Dr. Alexa Caturay with Guest Lecturers

A population-oriented approach is essential for solving today's complex global public health problems. This module will familiarize participants with the core functions of public health practice including population health assessment, health promotion, health protection, surveillance, and disease and injury prevention. Public health frameworks for systematically addressing global population health challenges will be reviewed. Equipped with these frameworks, participants will have the opportunity to examine several global public health case studies. Examples will include the WHO Framework Convention on Tobacco Control, and global efforts to eradicate polio.

Thursday November 28, 2024, 6pm-9pm: Session 1.

Thursday December 5, 2024, 6pm-9pm: Session 2.

Thursday December 12, 2024, 6pm-9pm: Session 3.

5C: Primary Care (3 sessions)

Development: Judy Kopleow, Guest Lecturers, Dr. Leila Makhani, Dr. Praseedha Janakiram, Dr. Anatole Manzi, Mark Bender, Devshri Bidaye

This module will provide an essential foundation for all disciplines interested in global health by examining international efforts to achieve "health for all". Participants will analyze the role of primary care in health systems in order to reduce costs, improve health outcomes and address inequities across population groups. All sessions will use interactive techniques to ponder the most difficult problems in delivering primary care in diverse locations. The module will utilize the broad experience of all participants and facilitators to build creative strategies for primary care. Several case studies will demonstrate how an appropriately trained health workforce can best provide primary care and promote health for all.

Wednesday March 5, 2025, 6pm-9pm: Session 1.

Thursday March 13, 2025, 6pm-9pm: Session 2.

Thursday March 20, 2025, 6pm-9pm: Session 3.

GHEI CERTIFICATE PROGRAM CURRICULUM CORE MODULES

6C: Global Health Work and Partnerships outside Canada (1 Full Day)

Development: Judy Kopelow, Mr. Chris Houston with Dr. Paulin Polepole, Dr. Anita Schug, Shirin Ebrahimipour

This module aims to introduce participants to preparation for global health fieldwork and empower learners to seek meaningful global health experiences. During the module, a blend of interactive workshops, open and small group discussions, and didactic sessions will explore beliefs, challenges, and opportunities of fieldwork in Canadian and international contexts. Experienced contributors from diverse backgrounds will add their rich store of pearls, pitfalls, and practical advice.

Saturday March 22, 2025, 9am-3:30pm: Session 1, 2 and 3.

7C: Post-Travel Debriefing (1 session)

Module Coordinator: Red Cross Canada, Shirin Ebrahimipour, Jenny Doucet-Murray, Kyla Ulmer, Rachel Day

This module will provide information to allow understanding the theory and importance of debriefing. The module will include discussion of various types of debriefing and instruct on how each can be applied. Participating in this module will also provide opportunity to learn how to conduct/facilitate an operational debriefing and demonstrate understanding of the purpose of critical incident debriefing and diffusing. The overall objective is for practitioners to engage in educationally and ethically sound global health electives and / or work.

Wednesday January 8, 2025, 6pm-9pm: Session 1 (Organized as only 1 session)

8C: Cross Cultural Communication (3 sessions)

Module Coordinator: Dr. Kerry Bowman

Communication is culture bound. The way an individual communicates emanates directly from his or her culture. Yet culture does not reside in the conscious mind and a significant amount of human communication is both non-verbal and nuanced. Furthermore, cultural differences in health care shape how our patients understand illness, how they participate in their treatment and how they evaluate the care they have received. This module will provide participants with a basic understanding of the elements of communication that are culturally mediated and provide a framework to facilitate cross cultural communication. Understanding and identifying such differences and in turn developing cross cultural communication skills is of paramount importance when working internationally.

Monday January 27, 2025, 6pm-9pm: Session 1.

Saturday March 1, 2025, 9am-1pm: Sessions 2 and 3.

GHEI CERTIFICATE PROGRAM CURRICULUM CORE MODULES

9C: Non-Communicable Diseases (3 sessions)

Module Development: Judy Kopelow with Guest Lectures: Dr. Mali Worme, Dr. Calvin Ke, Dr. Nazik Hamaad, Professor John Kirton, Dr. James Hospedales

Non-communicable diseases cause the overwhelming majority of deaths and disease globally. They are also the most significant driver of increasing health care and non-health care costs. Fortunately, they are almost always preventable to some degree. This module will specifically address cancers, diabetes and cardiovascular diseases, respiratory diseases and NCD governance; from a population health perspective and provide frameworks for addressing NCD's.

Saturday April 26, 2025, 9am-3:30pm: Sessions 1,2 and 3.

10C: Infectious Diseases in the Developing World (3 sessions)

Module Coordinator: Dr. Andrea Boggild with Guest Lecturers, Dr. Aisha Khatib, Dr. Courtney Thompson, Dr. Ari Bitnun, Dr. Leila Makhani, Dr. Kescha Kazmi, Dr. Adrienne Showler, Dr. Dylan Kain, Dr. Ruwandi Kariyawasam and others TBC

This module will provide an introduction to both clinical and public health aspects of infectious diseases, including approaches to their diagnosis, management and control. The module will focus primarily on three specific pathogens (HIV/AIDS, malaria and tuberculosis) and two infectious syndromes (diarrheal diseases and respiratory tract infections) of major global health importance but, will use additional examples from other infectious diseases including measles, sexually transmitted infections, and helminths.

Sessions will combine didactic overviews of important concepts, small group interactive activities in which participants will apply concepts from the lectures and readings, short guest lectures, and class discussions of emerging issues, challenges and controversies in global infectious diseases.

Thursday September 19, 2024, 6pm-9pm: Session 1.

Thursday September 26, 2024, 6pm-9pm: Session 2.

Wednesday October 2, 2024, 6pm-9pm: Session 3.

Thursday October 31, 2024, 6pm-9pm: Session 4.

GHEI CERTIFICATE PROGRAM CURRICULUM ELECTIVE MODULES

11E: Innovative Health Service Delivery Models in Global Health (1 Full Day)

Module Coordinator: Dr. Teesta Soman

Human resource constraints, underperforming health systems, remote locations and low levels of health literacy make care for the poor in low and middle-income countries particularly challenging. Despite these gaps, many innovative health service delivery models have emerged which address availability, affordability and quality of services. Using comparative case studies of social enterprises and some public programs, this module will explore barriers to care and characterize innovative health service delivery models among organizations providing care for the poor. It will focus on novel business processes (in marketing, financing, and operating strategies) and medical processes (prevention, screening, diagnosis, treatment and monitoring). Issues of sustainability and scalability will also be addressed. These indigenous innovations are likely to be more appropriate to resource constrained settings, and some may also be relevant to industrialized countries facing increasing health care costs.

Saturday October 19, 2024, 9am-3:30pm: Sessions 1, 2 and 3.

12E: Innovation and Technology in Global Health (2sessions)

Module Coordinator: Dr. Obidimma Ezezika

This module will help participants gain an understanding of the role of recent knowledge and technologies in life sciences to improve the health of people in developing countries. It will stimulate the participants to think about why it is important to consider the roles of technologies for global health. It will then look at what technologies are the most promising ones, what types of health problems they address and encourage participants to critically evaluate the technologies' potential roles in developing countries context. We will then shift attention to discuss how advances in life sciences can be harnessed to improve health in developing countries. We will discuss strategies to promote innovation for global health and delineate the potential roles of developing countries in this process.

Wednesday February 12, 2025, 6pm-9pm: Session 1.

Wednesday February 26, 2025, 6pm-9pm: Session 2.

13E: The Environment and Health (3sessions)

Module Coordinator: Dr. Kerry Bowman. Guest Lecturer Dr. Zinta Zommers

This module will explore the interaction between environment and health in a global context. We will review the basic tools of environmental epidemiology and health impact assessment and mitigation; examine a case study of humanitarian response to an environmental health outbreak in a low-income country; and discuss physician roles in sustainable policies and programs for health.

Saturday November 23, 2024, 9am-3:30pm: Sessions 1, 2 and 3.

GHEI CERTIFICATE PROGRAM CURRICULUM ELECTIVE MODULES

14E: Program Planning and Evaluation (1 Full Day)

Module Coordinator: Dr. Hiren Patel with Guest Lecturer Dr. Arjun Sithamparapillai

This module is targeted at clinicians without prior public health or program management training and aims to provide an overview of planning and evaluation for health-related project implementation in resource limited settings. By providing an overview of standard models and case examples used in international development and global health and through hands-on interactive group discussion and practice, learners will: develop an understanding of the theory behind the planning and evaluation process; become familiar with commonly used program planning and evaluation techniques and tools; and be able to apply concepts to create a situational analysis, construct a logic model and develop a performance management framework around a real or example health delivery program or health systems strengthening project.

This module will focus on an overview of the Project Cycle and the Situational Analysis, the Logic Model, Monitoring and Evaluation and the Performance Management Framework.

Saturday December 7, 2024, 9am-3:30pm: Sessions 1,2 and 3.

15E: Research and Global Health (2 sessions)

Module Development: Judy Kopelow, Dr. Dominique Vervoort
with Guest Lecturers Dr. Clare Pain, Dr. Lisa Andermann, Dr. Amanpreet Brar, Dr. Shaun Morris.

This module will include presentations and discussion on challenges in moving forward and advocating for safe, successful, and innovative research in partnership with local and global partners to; address the logistical material and ethical issues involved in planning and executing scientifically and culturally sound research; introduce methods of funding their research and strategies for collaborating across jurisdictions and institutions and better understand other issues, including global health knowledge translation, intellectual property, capacity building and advocacy for example.

Saturday May 10, 2025, 9am-3:30pm: Sessions 1, 2. (Offered as 2 sessions)

16E: Complex Humanitarian Emergencies (3sessions)

Module Coordinator: Chris Houston with Guest Lecturers Dr. Leslie Shanks, Dr. Paulin Polepole, Farhad Jawid

This module will provide a unique opportunity for learners to engage with leaders in global health with expertise in complex health emergencies (CHE). Through case-based discussions involving present and past CHE, students will gain an appreciation of the many issues regarding CHE and the evolving responses to them. This module will include interprofessional participants from nursing, pharmacy, public health, project management and paramedics.

Tuesday April 1, 2025, 6pm-9pm: Session 1.

Tuesday April 8, 2025, 6pm-9pm: Session 2.

Tuesday April 22, 2025, 6pm-9pm: Session 3.

GHEI CERTIFICATE PROGRAM CURRICULUM ELECTIVE MODULES

17E: Health & Human Rights (1 FullDay)

Module Coordinator: Ashley Major, University of Toronto Faculty of Law

This module will provide an introduction to international human rights law, including the sources of law, specific rights, and accountability mechanisms. The first session will introduce international and domestic instruments and enforcement mechanisms. The second session will examine the right to health and its interaction with other rights, as well as the duty to accommodate in particular circumstances. The third session will focus on the right to health in particular, with specific case studies. Sessions will combine didactic overviews of important concepts, small group interactive activities in which participants will apply concepts from the lectures and readings, guest lectures, and class discussions of emerging issues, challenges and controversies in health and human rights.

Saturday February 1, 2025, 9am-3:30pm: Sessions 1, 2 and 3.

18E: Gender and Global Health (2sessions)

Module Coordinator: Dr. Marie Elizabeth Buitendyk with Guest Lecturers Dr. Julie Thorne, Dr. Heather Millar, Dr. Etoroabasi Ekpe, Dr. Anushka Ataullahjan

This module will examine the ways in which gender intersects with health in a global context. We will discuss topics including gender-based violence in the context of development and humanitarian emergencies, examine how gender is a determinant of health in multiple settings, and have a better understanding of how to improve healthcare for all individuals who might face exclusion or discrimination on the basis of their gender identity including a discussion of pertinent health issues.

Saturday, May 3, 9am-2pm: Session 1 and 2. (Offered in 2 sessions)

19E: Teaching in International Settings (1 FullDay)

Module Coordinators: Dr. Abbas Ghavam-Rassoul, Dr. Praseedha Janakiram, Dr. Michael Bartucci, Dr. Ashna Bowry

This module will introduce students to the knowledge, skills and attitudes to teach in international settings, with an emphasis on teaching in clinical settings. Topics will include adult learning principles, teaching perspectives, self-reflective practice, feedback, setting learning objectives and creating learning contracts, cultural perspectives in teaching, assessment and evaluation and teaching in small groups. This module, will take place in one full day, will be highly interactive and will model the skills that students are expected to acquire during the module.

Saturday January 11, 2025, 9am-3:30pm: Sessions 1, 2 and 3.

GHEI CERTIFICATE PROGRAM CURRICULUM ELECTIVE MODULES

20E: Nutrition and Food Security (2sessions)

Module Coordinator: Dr. Alison Mildon

Hunger and malnutrition are a major and persistent challenge to global health because they undermine the health of millions of individuals globally each year, and significantly hamper human and economic development. This module will review recent scientific data, national and global policy documents, case studies and generate class debate to strengthen participants' understanding of the central place of nutrition in global health strategies. Participants will learn the multi-faceted causes of hunger, malnutrition and nutrition insecurity, how to measure them in the patient and community, their impact on infectious and chronic disease susceptibility and care, and the relevance of the life-cycle perspective for targeting interventions for improved nutrition of women, young children and other vulnerable groups such as the elderly, poor, socially marginalized, stigmatized and disadvantaged.

They will be able to: define and distinguish a variety of concepts, terms and measures, including hunger, hidden hunger, malnutrition, food security, and nutrition security; know the major strengths and weaknesses of a suite of potential context-appropriate interventions to improve nutrition of the individual, household or community, such as therapeutic feeding, supplementation, fortification, food-based, community-based, agricultural, value-chain, and cross-sectoral approaches; and understand the role of nutrition advocacy, policy, strategies, programs and "mainstreaming" in eradicating malnutrition as an underlying determinant of the global burden of illness and death.

Wednesday October 23, 2024, 6pm-9pm: Session 1.

Wednesday October 30, 2024, 6pm-9pm: Session 2.

21E: Advocacy and Special Populations (3sessions)

Module Coordinators: Dr. Ryan Giroux, Dr. Meb Rashid, Dr. Naheed Dosani, Dr. Samir Sinha

This module will address the health disparities experienced by marginalized populations in Canada, with objectives:

- To explore the potential of advocacy by physicians in addressing social determinants of health
- To examine advocacy around access to decent work as a social determinant
- To understand the health issues of new comers within Canada.
- To understand the health issues of indigenous populations within Canada.
- To understand the health issues associated with homeless populations in Canada
- To understand the unique health issues associated with ageing populations within Canada.
- To suggest solutions for improved health, using examples
- Understand the theoretical and pragmatic frameworks behind health advocacy and activism, namely the Social Determinants of Health and Equity; how to employ these social frameworks to inform professional health care practice.
- Explore how advocacy and activism is practiced in specific contexts: Urban health, Indigenous populations, poverty, etc. and study some of the predisposing factors for illness.

Wednesday November 13, 2024, 6pm-9pm: Session 1.

Wednesday November 20, 2024, 6pm-9pm: Session 2.

Wednesday November 27, 2024, 6pm-9pm: Session 3.

GHEI CERTIFICATE PROGRAM CURRICULUM ELECTIVE MODULES

22E: Global Mental Health (3sessions)

Module Coordinators: Dr. Clare Pain and Dr. Lisa Andermann

Since there can be no health without mental health, it is useful for all health practitioners and policy makers to consider mental health as an inevitable part of their mandate. Mental illness is the largest single cause of disability across the globe, but in most parts of the world stigma and a near-total lack of mental health services causes those with mental illness to be forced to the margins of society. This module will review the worldwide epidemiology of mental illness and co-morbid conditions of addictions, substance use and violence. We will discuss and explore related issues such as causation with regards to the social determinants of health and approaches to services for the treatment of mental illness in low resource settings.

Thursday January 9, 2025, 6pm-9pm: Session 1.

Thursday January 16, 2025, 6pm-9pm: Session 2.

Thursday January 23, 2025, 6pm-9pm: Session 3.

23E: Surgical Skills and Anaesthesia for Global Health (2 sessions)

Module Coordinators: Dr. Anna Dare, Dr. Gregory Hare with Guest Lecturers TBC

This module, designed for surgeons and non-surgeons alike, will review the epidemiology and etiology of important surgical problems in underresourced and conflict regions. Participants will become familiar with basic and improvised surgical techniques and the setup of basic surgical infrastructure in challenging settings.

The module will also focus on the provision of safe anaesthesia in the developing world. It will give a general overview of several important topics including difficult airway management, anaesthetic equipment, monitors, drugs, blood transfusion, and post-operative analgesia in resource constricted environments. It is designed for a general audience and will be of use for any medical professional involved in perioperative medicine.

Wednesday October 9, 2024, 6pm-9pm: Session 1.

Wednesday October 16, 2024, 6pm-9pm: Session 2.

GHEI CERTIFICATE PROGRAM CURRICULUM ELECTIVE MODULES

24E: Focus on Child Health (3sessions)

Module Coordinator: Dr. Ashley Vandermorris with Guest Lecturers, Dr. Ryan Giroux, Dr. Shazeen Suleman, Dr. Kescha Kazmi, Dr. Robert Bandsma

The Focus on Child Health Module will examine the issues related to global child health from a medical perspective within the current social and political healthcare context. This module will provide a background to the determinants of global child health, pediatric problems seen around the world and paediatric problems unique to developing countries. Importantly, the Child Health Module will also analyze the social and preventative aspects of global child health. Specific topics for discussion will include the Millennium Development Goals, Nutrition, Infectious Diseases, Respiratory Illnesses, and Health Promotion, amongst others. This module will provide participants with the background knowledge necessary to assess the unique situations global health experiences may present when working to improve the health of children around the world.

Monday November 4, 2024, 6pm-9pm: Session 1.

Monday November 11, 2024, 6pm-9pm: Session 2.

Monday November 18, 2024, 6pm-9pm: Session 3.

25E: Health Economics (3sessions)

Module Coordinators: Dr. William Wong and Dr. Brian Chan

This module will introduce participants to the basic tools and language of health economics, including methods of decision making using economic evaluation (i.e. cost-effectiveness analysis).

Monday April 7, 2025, 6pm-9pm: Session 1.

Monday April 21, 6pm-9pm: Session 2.

Monday April 28, 2025, 6pm-9pm: Session 3.

26E: Transition to Practice (3sessions)

Module Coordinator: Dr. Wendy Lai with Guest Lecturers: Dr. Philip Berger, Dr. George Ibrahim

This module will explore thinking and frameworks that can support transition from trainee to practice including critical issues related to global health (and local disenfranchised communities) education, research and identify personal and professional challenges.

Tuesday October 22, 2024, 6pm-9pm: Session 1.

Tuesday November 19, 6pm-9pm: Session 2.

GLOBAL HEALTH EDUCATION INITIATIVE (GHEI) LEADERSHIP

*Dr. Meredith Giuliani, Associate Dean, Postgraduate Medical Education,
Temerty Faculty of Medicine, University of Toronto*

*Ms. Judy Kopelow, Global Health Education Initiative Administrative Director
Manager, Global Health Programming and Strategic Initiatives, Postgraduate Medical Education,
Temerty Faculty of Medicine, University of Toronto*

*Dr. Barry Pakes
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Global Health Academic Lead, Postgraduate Medical Education,
Temerty Faculty of Medicine, University of Toronto*

Thank you for learning with us!

