



Post MD Education
UNIVERSITY OF TORONTO

St. Michael's

Inspired Care. Inspiring Science.



Post MD Education and
PGME at **St. Michael's** Hospital

Welcome all

Residents, Fellows and Faculty

to the

7th Annual PGME Global Health Day

on

**Climate Change
and**

Global Health

Opening address by **Dr. James Orbinski**

Wednesday, May 27, 2020 at 1:30-6:00 pm

Virtually!

Welcome!

Dear Colleagues and Friends,

Thank you for joining us for our 2020 Postgraduate Medical Education Global Health Day on Climate Change. We appreciate you taking *time*, especially during this challenging *time* to participate and more so to contribute to thoughtful discussion with colleagues across specialties and programs and advocates across disciplines and generations. You each arrive with different understanding of health challenges related to climate change locally, nationally and internationally. This day will encourage sharing of ideas on complex and seemingly unsolvable global and very human world problems. This day will also give rise to how you can contribute to advancing equitable and quality global health for all members of disenfranchised local and global communities endangered by climate change and now devastated by the COVID-19 pandemic.

We will learn from our Keynote speaker Dr. James Orbinski, that especially during these grim times, individual determination united with communities of relentless and compassionate research scientists, educators, practitioners, policy makers and civil society, can, for the sake of “*our planetary health*” find a way forward.

Our 7th Annual Global Health Day is planned by a resident committee from across programs and specialties and includes passionate presenters who have established themselves as effective advocates on climate change and global health critical issues.

The specific educational objectives for participants today are to:

- introduce themes and issues related to the intersection of climate change and global health from a variety of perspectives.
- develop a deeper understanding of motivations and processes for effective climate change and global health activism.
- encourage participation and engagement in advancing global health.
- create a forum for peer to peer discussion; to share global health concerns, education

The University of Toronto and the Toronto community represents extraordinary leadership in global health education, research service and advocacy across disciplines, locally, nationally and internationally. This Global Health Day program showcases many of these leaders and celebrates the accomplishments of our PGME Global Health Education Initiative 2020 graduates.

*Thank you for learning with us,
especially during these challenging times...*

Your 2020 PGME Global Health Day Resident Planning Committee

Dr. Abdullah Al-Onazi	Neurology Fellow
Dr. Paul Dolinar	Family Medicine PGY2
Dr. Angela Li	OBS / GYN PGY1
Dr. Afsheen Mehar	Emergency Medicine PGY1
Dr. Carlos Muzlera	Internal Medicine PGY1
Dr. Gayathri Naganathan	General Surgery PGY2
Dr. Rabea Parpi	Family Medicine PGY1

Special thanks to ...

Dr. Salvatore Spadafora, Vice Dean Post MD Education
Postgraduate Medical Education and Continuing Professional Development

Dr. Glen Bandiera, Associate Dean, Postgraduate Medical Education

and the
Post MD Education and the PGME community

Program-at-a-Glance

1:30 - 2:45pm **OPENING ADDRESS**

Our Planetary Health: Which Way Forward?

By Dr. James Orbinski, OC, MSC, BSC, MD, MA, MCFP

WELCOME, INTRODUCTION AND MODERATORS

Dr. Paul Dolinar, Family Medicine PGY2

Dr. Gayathri Naganathan, General Surgery PGY2

COMMENTS

Dr. Karl Iglar, Postgraduate Medical Education Director at St. Michael's Hospital

Dr. Barry Pakes, Global Health Lead, Postgraduate Medical Education; Director, Public Health and Preventive Medicine Residency Program

3:00 - 4:00 pm **ROUNDTABLES #1, 2, 3 and 4**

ROUNDTABLE 1

"The Science," Global Health and Climate Change

Lead is Professor Miriam Diamond

Moderated by Dr. Angela Li, OBS/GYN PGY1

ROUNDTABLE 2

People, Wildlife, Ethics, Global Health and Climate Change

Lead is Professor Kerry Bowman

Moderated by Dr. Afsheen Mehar, Emergency Medicine PGY1

ROUNDTABLE 3

Civil Society, Environmental Activism, Climate Change and Global Health

Lead is Ms. Carol Devine

Moderated by Dr. Dylan Kain, Infectious Disease Fellow

ROUNDTABLE 4

Healthcare Activism, Climate Change and Global Health

Leads are Dr. Samantha Green and Mr. Stephen Cornish

Moderated by Dr. Rabea Parpia, Family Medicine PGY1

Please see full BIOS at end of this program.

Program-at-a-Glance

4:15 - 5:15 pm ROUNDTABLES #5, 6, 7 AND 8

ROUNDTABLE 5

International Environmental Law, Climate Change and Global Health

Lead is Professor Jutta Brunnée

Moderated by Dr. Henry Wiebe, Diagnostic Radiology PGY1

ROUNDTABLE 6

Challenges for Indigenous Communities, Climate Change and Global

Health Lead is Professor Katherine Minich

Moderated by Dr. Carlos Muzlera, Internal Medicine PGY1

ROUNDTABLE 7

Innovations in Engineering, Climate Change and Global Health

Lead is Professor Amy Bilton

Moderated by Dr. Afsheen Mehar, Emergency Medicine PGY1

ROUNDTABLE 8

Colonialism, Climate Change and Global Health

Lead is Dr. Nanky Rai

Moderated by Dr. Gayathri Naganathan, General Surgery PGY1

5:30 - 6:00 pm NETWORKING

All are welcome to join Planning Committee for networking!

Moderated by Dr. Afsheen Mehar, Emergency Medicine PGY1

and

Dr. Rabea Parpia, Family Medicine PGY1

Please see full BIOS at end of this program.

Congratulations to the 2019 Global Health Education Initiative Graduates

Dr. Ryan Adessky	General Surgery
Dr. Abdullah Hawash S Alonazi	Neonatal Neurology
Dr. Sara Alshaker	Ophthalmology
Dr. Laura Betcherman	Pediatrics
Dr. Julianna Deutscher	Emergency Medicine
Dr. Laura Dragoi	Critical Care
Dr. Ryan Giroux	Pediatrics
Dr. Joel Gupta	Pediatrics
Dr. Yaser Hasan	Radiation Oncology**
Dr. Lauren Hopling	Neurology
Dr. Mirko Kolarski	Otolaryngology
Dr. Olivia Kwan	Family Medicine
Dr. Samantha Liauw	Internal Medicine
Dr. Solina Lim	Family Medicine
Dr. Tahrin Mahmood	Internal Medicine*
Dr. Xavier Marchand-Sen��cal	Infectious Disease
Dr. Siddhi Mathur	OB/GYN
Dr. Rawaa Olwi	Family Medicine
Dr. David Edward-Ooi Poon	Family Medicine
Dr. Karishma Ramjee	Family Medicine
Dr. Kristen Reipas	Family Medicine
Dr. Saied Idriss Suraya	Maternal Fetal Medicine
Dr. Antonia Sappong	Family Medicine
Dr. Martha Smith	OBS/GYN
Dr. Madeleine Sugar	Family Medicine
Dr. Chelsie Warshafsky	OB/GYN
Dr. Jeremy Zung	Neurology

**Abridged Program

* Internal Medicine Cohort

The Global Health Education Initiative

A two-year curriculum for medical trainees led by Postgraduate Medical Education (GHEI)

Local training. Global impact.

All residents and fellows from across all programs and specialties are invited to apply to the GHEI.

Please see applications and all details from <http://gh.postmd.utoronto.ca/about-the-ghEI/>

Please submit applications by **Monday, June 29**. Opening Session is **Thursday, September 10, 6:00-9:00 pm**.

Special Thanks to . . .

Ms. Elayna Froles and **Mr. Delaney Hines** for support from 2009 through 2020

2019-2020 GHEI Assistants **Mr. Alex Aguilera**, **Ms. Shveta Bhasker** and **Ms. Michelle Yang**

2019-2020 GHEI Core and Elective Module Contributors

2019-2020 GHEI Module Award of Excellence Winner is **16E: Emergency Humanitarian Response**

Mr. Chris Houston, Coordinator; Dr. Leslie Shanks, Dr. Paulin Polepole and Mr. Chris Anderson, Contributors

This module provides 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, registrants gain an appreciation of the many issues regarding CHE and the evolving responses to them. This year, the module leaders each spoke to specific challenges imposed by the COVID-19 pandemic.

Global Health at Postgraduate Medical Education is led by . . .

Dr. Barry Pakes, PGME Global Health Lead and Director, Global Health Education Initiative;
Director, Public Health and Preventive Medicine Residency Program

Ms. Judy Kopelow, Manager, PGME Global Health Programming and Strategic Initiatives;
Administrative Director PGME Global Health Education Initiative

Please visit Postgraduate Medical Education Global Health website.

Global Health Education Initiative Contributors

2019-2020 GHEI Core Module Contributors

- 1C: THE CONTEXT OF GLOBAL HEALTH**
Dr. Barry Pakes (Module Coordinator), University of Toronto; Postgraduate Medical Education (PGME)
Dr. Diego Bassani, University of Toronto; SickKids
Dr. Billie-Jo Hardy, University of Toronto; Well Living House Action Research Centre
- 2C: GLOBAL HEALTH GOVERNANCE AND INFRASTRUCTURE**
Dr. Jerome Singh (Module Coordinator), University of KwaZulu-Natal, Durban; University of Toronto; Dalla Lana School of Public Health; Joint Centre for Bioethics
- 3C: ETHICS, RIGHTS AND LAW**
Dr. Barry Pakes (Module Coordinator), PGME
- 4C: PUBLIC HEALTH PRACTICE**
Dr. Jasmine Pawa (Module Coordinator), University of Toronto; Public Health and Preventive Medicine Specialist
Dr. Thomas Piggott (Module Consultant), McMaster University, Public Health and Preventive Medicine Resident
Dr. Yvonne Wickramasinghe, Australasian Faculty of Public Health Medicine; Public Health Registrar
Dr. Fareen Karachiwalla, Public Health and Preventive Medicine Specialist; Regional Health, Municipality of York
- 5C: PRIMARY CARE**
Dr. Vanessa Redditt (Module Coordinator), University of Toronto; Crossroads Clinic, Women's College Hospital
Dr. Katherine Rouleau, University of Toronto; Department of Family and Community Medicine, Faculty of Medicine
Dr. Andrew Bond, University of Toronto; Inner City Health Associates
Dr. Anatole Manzi, University of Global Health Equity; Faculty of Global Health Delivery, Rwanda
Mr. Mark Brender, Partners In Health Canada
Dr. Suzanne Shoush, University of Toronto; Department of Family and Community Medicine, Faculty of Medicine
- 6C: PREPARING YOURSELF FOR GLOBAL HEALTH FIELDWORK**
Ms. Judy Kopelow (Module Development), Postgraduate Medical Education (PGME)
Dr. Edward Xie (Module Coordinator), University of Toronto; University Health Network
Mr. Chris Houston (Module Contribution), Grand Challenges Canada
Dr. Kerry Bowman, University of Toronto; Mt. Sinai Hospital
Ms. Shannon Giannitsopoulou, University of Toronto; Office of Diversity and Inclusion, Faculty of Medicine
Dr. Paulin Polepole, Division of Clinical Pharmacology and Toxicology, SickKids
Dr. Aisha Khatib, University of Toronto; Toronto General Hospital
Dr. Navpreet Sahsi, University of Toronto; North York General Hospital
- 7C: POST-TRAVEL DEBRIEFING**
Ms. Judy Kopelow (Module Development), PGME
Ms. Megan McKeever, Red Cross Canada
Ms. Shirin Ebrahimipour, Red Cross Canada
- 8C: CROSS CULTURAL COMMUNICATION**
Dr. Kerry Bowman (Module Coordinator), University of Toronto; Mt. Sinai Hospital
- 9C: NON-COMMUNICABLE DISEASES**
Ms. Judy Kopelow (Module Development), PGME
Dr. Caroline Chessex (Module Contribution), University of Toronto; University Health Network
Dr. Mali Worme, University of Toronto, Cardiology Resident
Dr. Baiju Shah, University of Toronto; Sunnybrook Health Sciences Centre
Dr. Calvin Ke, University of Toronto; International Diabetes Federation Atlas Committee
Dr. Fabio Moraes, Queen's University; Kingston General Hospital
Dr. Bishal Gyawali, Queen's University; Cancer Research Institute
Dr. Alberto Goffi, University of Toronto; St. Michael's Hospital
Dr. Neill Adhikari, University of Toronto; Sunnybrook Health Sciences Centre
Mr. Aria Ilyad Ahmad, University of Waterloo, Balsillie School of International Affairs; York University
- 10C: INFECTIOUS DISEASES IN THE DEVELOPING WORLD**
Dr. Andrea Boggild (Module Coordinator), University of Toronto; Toronto General Hospital
Dr. Isaac Bogoch, University of Toronto; Toronto General Hospital
Dr. Linda Taggart, University of Toronto; Toronto General Hospital
Dr. Aisha Khatib, University of Toronto; Toronto General Hospital
Dr. Kevin L. Schwartz, University of Toronto; Public Health Ontario; University Health Network; St. Joseph's Health Centre
Dr. Courtney Thompson, University of Toronto; University Health Network; Markham-Stouffville Hospital
Dr. Ari Bitnun, University of Toronto; SickKids
Dr. Gil Wizen, Consultant Entomologist, Toronto
Dr. Leila Makhani, University of Toronto; Toronto General Hospital

Global Health Education Initiative Contributors

2019-2020 GHEI Elective Module Contributors

- 11E: INNOVATIVE HEALTH SERVICE DELIVERY MODELS IN GLOBAL HEALTH**
Dr. Teesta Soman (Module Coordinator), University of Toronto; SickKids
- 12E: INNOVATION AND TECHNOLOGY IN GLOBAL HEALTH**
Ms. Judy Kopelow (Module Development), PGME
Dr. Chloe MacDonald, Grand Challenges Canada
Dr. Jan Andrysek, University of Toronto; Holland Bloorview Kids Rehabilitation Hospital
Mr. Ahmed Mahmoud, University of Toronto; Faculty of Applied Science and Engineering
- 13E: THE ENVIRONMENT AND HEALTH**
Dr. Kerry Bowman (Module Coordinator), University of Toronto; Mt. Sinai Hospital
Dr. James Orbinski (Module Coordinator), York University; University of Toronto
- 14E: PROGRAM PLANNING AND EVALUATION**
Dr. Jennifer Hulme (Module Coordinator), University of Toronto; University Health Network
Ms. Surkhah Peerzada, South Riverdale CHC, Director and Founder - Global to Local Health Consulting
- 15E: RESEARCH IN THE DEVELOPING WORLD**
Dr. Andrea Boggild (Module Coordinator), University of Toronto; Toronto General Hospital
Dr. Aisha Khatib, University of Toronto; Toronto General Hospital
- 16E: COMPLEX HUMANITARIAN EMERGENCIES**
Mr. Chris Houston (Module Coordinator), Grand Challenges Canada
Dr. Leslie Shanks, University of Toronto; Inner City Health Associates
Dr. Paulin Polepole, Teratology and Toxicology Counselor for the Division of Clinical Pharmacology and Toxicology, SickKids
Mr. Chris Anderson, University of Toronto, Faculty of Nursing
- 17E: HEALTH AND HUMAN RIGHTS**
Ms. Petra Molnar (Module Coordinator), University of Toronto; Faculty of Law
Ms. Mayoori Malankov, Jared Will and Associates
Ms. Maia Rotman, Jared Will and Associates
- 18E: GENDER AND GLOBAL HEALTH**
Dr. Amy Gajaria (Module Coordinator), University of Toronto; Centre for Addiction and Mental Health
Dr. Marie Elizabeth Buitendyk, University of Toronto, Maternal Fetal Medicine; Global Women's Health and Equity
Ms. Jenny Becker, Gender Based Violence Consultant
Ms. Ziva Gorani, Queer and Refugee Activist
- 19E: TEACHING IN INTERNATIONAL SETTINGS**
Dr. Abbas Ghavam-Rassoul (Module Coordinator), University of Toronto; St. Michael's Hospital
Dr. Michael Bartucci, University of Toronto; Family and Community Medicine
Dr. Praseedha Janakiram, University of Toronto; Women's College Hospital
- 20E: NUTRITION AND FOOD SECURITY**
Dr. Dan Sellen (Module Coordinator), University of Toronto, Joannah & Brian Lawson Centre for Child Nutrition
- 21E: ADVOCACY AND SPECIAL POPULATIONS**
Ms. Judy Kopelow (Module Development), PGME
Dr. Janet Smylie, University of Toronto; St. Michael's Hospital
Dr. Naheed Dosani, University of Toronto; McMaster University William Osler Health System; Inner City Health Associates
Dr. Meb Rashid, University of Toronto; Women's College Hospital
Dr. Samir Sinha, University of Toronto; Mt. Sinai Hospital
- 22E: GLOBAL MENTAL HEALTH**
Dr. Clare Pain (Module Coordinator), University of Toronto; Mt. Sinai Hospital
Dr. Lisa Andermann (Module Coordinator), University of Toronto; Mt. Sinai Hospital

Global Health Education Initiative Contributors

23E: SURGICAL SKILLS AND ANAESTHESIA FOR GLOBAL HEALTH

Dr. Greg Silverman (Module Coordinator) University of Toronto; Mt. Sinai Hospital
Dr. Andrew Howard (Module Coordinator) University of Toronto; SickKids
Dr. Anna Dare, University of Toronto; General Surgery Resident

24E: FOCUS ON CHILD HEALTH

Dr. Ashley Vander Morris (Module Coordinator) University of Toronto, SickKids
Dr. Denis Daneman, Pediatrician in Chief, SickKids (2006-2017)
Dr. Natasha Crowcroft, University of Toronto; Public Health Ontario
Dr. Shazeen Suleman, University of Toronto; St. Michael's Hospital
Dr. Shaun Morris, University of Toronto; SickKids
Dr. Robert Bandsma, SickKids

25E: HEALTH ECONOMICS

Ms. Judy Kopelow (Module Development), PGME
Dr. Brian Chan, University Health Network
Dr. William W. L. Wong, University of Waterloo; Faculty of Pharmacy

26E: TRANSITION TO PRACTICE

Ms. Judy Kopelow (Module Development), PGME
Ms. Anita Balakrishna, University of Toronto, Faculty of Medicine
Dr. Alissa Tedesco, University of Toronto; Family and Community Medicine; Health Providers Against Poverty-Ontario
Dr. Wendy Lai, University of Toronto; Humber River Hospital; Médecins Sans Frontières (MSF) Canada
Dr. Navpreet Sahsi, University of Toronto; North York General Hospital

Global Health Education Initiative Contributors

PGME GLOBAL HEALTH SPECIAL LECTURE

MONDAY, SEPTEMBER 23, 2019

6:00 – 8:00 pm, 6th Floor Boardroom, 500 University Avenue

ARTIFICIAL INTELLIGENCE (A.I.) AND GLOBAL HEALTH: A SOUTHERN PERSPECTIVE

Professor Jerome Singh

Head of Ethics and Law at the Centre for the AIDS Programme of Research in South Africa (CAPRISA),

Nelson R. Mandela School of Medicine, University of KwaZulu-Natal (UKZN)

Moderated by

Dr. Zainab Najarali, Family Medicine, PGY2 and **Dr. Rawaa Olwi**, Family Medicine PGY2

The development and application of A.I to low and middle income countries presents unprecedented opportunities and challenges for global health. A.I practitioners need to be cognisant of the ethical, social, and cultural factors applicable to target markets before and during A.I algorithm coding. Practical and systemic challenges associated with A.I application in low and middle income countries also need to be given careful consideration. A.I development and implementation will have to comply with human rights norms, and not undermine human self-determinism.

2020 PGME GLOBAL HEALTH RESIDENT RESEARCH SHOWCASE

LEADERSHIP TEAM

Dr. Haniya Khan, PGY1 Obstetrics and Gynaecology

Dr Revathy Krishnamurthy, Clinical Fellow Radiation Oncology

Dr. Martha Smith, PGY1 Obstetrics & Gynaecology

Dr. Mariella Vargas-Gutierrez, Fellow Critical Care Medicine

Dr. Maryse Bouchard, Paediatric Orthopaedic Surgeon, Sickkids; Assistant Professor Department of Surgery, University of Toronto

PGME GLOBAL HEALTH LEADERSHIP TEAM

Alex Aguilera, Global Health Education Initiative Assistant

Judy Kopelow, Global Health Programming and Strategic Initiatives Manager

Dr. Barry Pakes, Global Health Academic Lead

Dr. Glen Bandiera, Associate Dean, Postgraduate Medical Education

SHOWCASE MODERATED BY

Dr Revathy Krishnamurthy, Clinical Fellow Radiation Oncology and **Dr. Martha Smith**, PGY1 OBS/GYN

SHOWCASE CONTRIBUTORS

1. Contemporary outcomes of aortic and mitral valve surgery for rheumatic heart disease in sub-Saharan Africa

Author 1. Amine Mazine, Surgery/Cardiac Surgery PGY4

2. Health needs of newcomer children: an integrative scoping review

Author 1. Bonnie Cheung, Paediatrics PGY2

Author 2. Pardeep Kaur Benipal, Undergraduate student, Research Assistant, St. Michael's Hospital

Author 3. Shazeen Suleman, Staff Paediatrician, St. Michael's Hospital

PGME Special Global Health Events

3. Intestinal parasitoses in patients on hemodialysis in Cape Coast, Ghana: A cross sectional study

Author 1. Arti Dhoot, Internal Medicine PGY2

Author 1. Ganiwu Mumim Dalawi, University of Cape Coast, BSc Medical Science

Author 2. Isaac Bogoch, University of Toronto, Infectious Disease, Staff

Author 3. Richard Ephraim, University of Cape Coast, Chemical Pathology

4. Resource availability as a determinant to providing culturally competent care to immigrant women with breast cancer: a qualitative study

Author 1. Matthew Castelo, General Surgery PGY3

Author 2. Emma Reel, MSW, Research Assistant General Surgery

Author 3. Nancy N Baxter, MD PhD, Staff General Surgeon

Author 4. Adena S Scheer, MD MSc, Staff General Surgeon

5. High Incidence of Early Onset Colorectal cancer in Ethiopia: Clinical and Therapeutic Evaluation with Genetic Mutational Analysis

Author 1. Abdulsemed M. Nur, Addis Ababa University, Addis Ababa Ethiopia; Ad Endoscopy, Fellow, Department of Medicine, University Health Network, Toronto

Author 2. Amir Sultan, Addis Ababa University, Addis Ababa Ethiopia

Author 3. Grace Braimoh, Hennepin Healthcare, USA

Author 4. Jose D. Debes, University of Minnesota, Minneapolis, MN, USA

6. Social Determinants of Maternal and Child Mortality in the Americas

Author 1. Daniela Gattini, Hepatology and Liver Transplant Fellow, Division of Gastroenterology, Hepatology and Nutrition, The Hospital for Sick Children, University of Toronto

Author 2. Cesar Gattini, Associate Professor, School of Public Health, University of Chile

PGME COVID-19: Special GHEI Sessions

Special session themes address critical challenges imposed by COVID-19 from across disciplines; with hope to encourage a normalizing and supportive community for trainees and faculty.

MARCH 2020

Thursday, March 26 **Public Health Response**, Dr. Barry Pakes

APRIL 2020

Thursday, April 2 **Hospital Planning**, Dr. Nathan Stall
Thursday, April 2 **Mental Health, Part 1**, Dr. Clare Pain and Dr. Lisa Andermann
Wednesday, April 15 **Perspective from South Africa**, Prof. Jerome Singh
Friday, April 17 **Mental Health, Part 2**, Dr. Clare Pain and Dr. Lisa Andermann
Thursday, April 23 **Environmental Genesis of COVID-19**, Dr. Kerry Bowman
Friday, April 24 **Care of Expectant Mothers and Children**, Dr. Tali Bogler
Tuesday, April 28 **Modelling**, Dr. Ashleigh Tuite
Wednesday, April 29 **Health Economics**, Dr. Brian Chan and Dr. William Wong
Thursday, April 30 **Mental Health, Part 3**, Dr. Clare Pain and Dr. Lisa Andermann

MAY 2020

Friday, May 1 **The COVID-19 Homelessness Response: Too Little Too Late?**, Dr. Leslie Shanks
Monday, May 4 **Epidemiology and PH Science**, Isha Berry and Jean-Paul Soucy
Tuesday, May 5 **Update: Public Health Response**, Dr. Barry Pakes
Thursday, May 7 **Indigenous Populations**, Prof. Angela Mashford-Pringle
Tuesday, May 12 **Emergency Medicine**, Dr. James Maskalyk
Wednesday, May 13 **Refugee Populations**, Dr. Nabiha Islam
Tuesday, May 19 **Ethics and Law**, Dr. Barry Pakes
Wednesday, May 20 **Infectious Disease Expert Perspective**, Dr. Paul Bunce

JUNE 2020

Tuesday, June 2 **Politics And Pandemics: Refugee Population**, Mr. Bob Rae
Wednesday, June 17 **Global Humanitarian Response**, Mr. Chris Houston
Wednesday, June 24 **Hospital Planning Update**, Dr. Nathan Stall
June dates TBC **Governance and Pandemics**, Prof John Kirton
Perspective from South Africa Update, Prof Jerome Singh, Durban SA
Vaccine Developments, Dr. Natasha Crowcroft, WHO-Geneva
Antibody Test Developments, Dr. Igor Staglar
Diversity and Equity, Prof. Kerry Bowman
Climate Change, Prof. Steve Easterbrook

From a resident attendee....."the series of COVID-19 lectures put together by all facets of our faculty in such a timely manner. It has played a significant role in how I have approached this pandemic and provided a sense of reassurance and community.

So thank you!"

Each PGME COVID-19: GHEI Special Session faculty will receive a 'Certificate of Recognition' in gratitude.

Keynote Speaker

Dr. James Orbinski OC, MSC, BSC, MD, MA, MCFP

As a medical doctor, a humanitarian practitioner and advocate, a best-selling author, and a leading scholar in global health, Dr. James Orbinski believes in actively engaging and shaping our world so that it is more just, fair and humane. Dr. Orbinski is professor and inaugural Director of York University's Dahdaleh Institute for Global Health Research (DIGHR). The DIGHR is committed to effectiveness, excellence and equity in Global Health. It engages scientific and social science research, and technological innovation around three research themes: Planetary Health, Global Health and Humanitarianism, and Global Health Foresighting. This work includes modelling the health impacts of climate change; use of artificial intelligence to optimize safe water in humanitarian crises; a focus on global health governance of Antimicrobial Resistance policy; and 21st Century ethics and governance challenges in Global Health.

A champion of health and humanitarianism throughout his career, Dr. Orbinski has thirty years of leadership, advocacy, and research experience in global health. He has worked providing medical humanitarian relief in situations of war, famine, epidemic disease and genocide with Médecins Sans Frontières / Doctors Without Borders (MSF). He was elected International President of MSF from 1998-2001, accepted the Nobel Peace Prize awarded to MSF in 1999, and co-chaired the founding of the Drugs for Neglected Diseases Initiative in 2004, which has since launched 6 new drug treatments for tropical diseases, and has 17 others in its' research and development pipeline. He also co-founded Dignitas International, which researched health systems and clinical care, trained 12,000 Malawian Health workers, and supported 370,000 people with full treatment for HIV and AIDS in Malawi. Dignitas also worked with First Nations communities in Northern Canada on community based interventions for diabetes. He was the 2016-2017 Fulbright Visiting Professor on Health at University of California, Irvine.

Dr. Orbinski is Commission Member for the Lancet Commission on Arctic Health (2020-2022) and a board Member of Grand Challenges Canada. He has been a member of several international bodies committed to improving health equity both in Canada and around the world. These include the Global Alliance for TB Drug Development, the Stephen Lewis Foundation, Canadian Doctors for Medicare, and the Climate Change and Health Council. He is an invited member of the Davos World Economic Forum's Global Agenda Council on Health Care Systems and Cooperation. He was an invited member to the Canadian Academy of Health Sciences 2011 Expert Panel on Canada's Strategic Role in Global Health.

He is the author of an award-winning and best-selling book, *An Imperfect Offering: Humanitarianism in the 21st Century*, and the subject of the International Award Winning documentary film, "*Triage*". In 2016-2017, as a Fulbright visiting professor to the University of California-Irvine, he worked in California and Malawi on modelling the health impacts of climate change.

Dr. Orbinski holds a BSc from Trent University, an MD degree from McMaster University, and an MA in international relations from the University of Toronto. He is an Officer of the Order of Canada, and has received the Meritorious Service Cross for his leadership in providing direct medical relief in Kigali during the 1994 genocide in Rwanda. Dr. Orbinski is an avid canoeist, and lives in Guelph Ontario with his wife and their three children aged 16, 14 and 11.

For a more detailed biography, please see https://en.wikipedia.org/wiki/James_Orbinski

Roundtable Lead Bios

Professor Miriam Diamond

Roundtable #1: “The science,” global health and climate change

Miriam Diamond is a professor in the Department of Earth Sciences with cross-appointments to the Department of Chemical Engineering and Applied Chemistry, the Dalla Lana School of Public Health, School of the Environment, Department of Geography and Program in Planning, and the Physical and Environmental Sciences Program at Scarborough College. Diamond’s research goal is to improve our understanding of chemical contaminants from emission, fate indoors and outdoors, and human and ecological exposure, and to use this information to take action to mitigate adverse effects. This research has been published in over 180 peer-reviewed articles and chapters, in addition to receiving media attention. Prof. Diamond is frequently in the media discussing environmental issues. Prof. Diamond is the co-chair of the Canadian Chemical Management Plan Science Committee, and is involved in several national and international organizations. She is a Fellow of the Canadian Geographical Society and the Society of Environmental Toxicology and Chemistry. In 2007 she was named Canadian Environmental Scientist of the Year and was a finalist for 2018 the Nature Inspiration Award from the Canadian Museum of Nature. She was Co-chair of the Ontario Ministry of the Environment’s Toxic Reduction Scientific Expert Panel that helped usher in Ontario’s Toxic Reduction Act.

Professor Kerry Bowman

Roundtable #2: People, wildlife, ethics, global health and climate change

Kerry Bowman has a Ph.D. in Bioethics, a fellowship in Cultural Psychiatry and a Masters degree in Social Work. Dr. Bowman teaches Bioethics, Environmental ethics, and Climate change and human health at the University of Toronto, holding appointments in Family and Community Medicine and The School of The Environment. Dr. Bowman is also the founder of The Canadian Ape Alliance and running multiple projects in The Democratic Republic of Congo, is on the Board of Directors of The Jane Goodall Institute and has worked on United Nations Global Environment Outlook Reports. His work focuses on the interface of human and environmental needs. He has done multiple expeditions into the Western Amazon, exploring the relationship between protected indigenous land and climate change as well as the ethics of allowing uncontacted people to remain uncontacted.

Ms. Carol Devine

Roundtable #3: Civil society, environmental activism, climate change and global health

Carol Devine is Community Scholar at Dahdaleh Institute for Global Health Research at York University and Humanitarian Affairs Advisor with Doctors Without Borders/Médecins Sans Frontières (MSF) Canada. She co-leads a project on climate, environment and health for MSF and has contributed to the 2019 and 2018 Lancet Countdown: Tracking Progress on Health and Climate Change. Carol has worked with MSF in Rwanda, East Timor, Peru and South Sudan as humanitarian advisor and was the Canadian liaison for MSF’s Access to Essential Medicines Campaign. She has advocated for access to medicines and for respect for humanitarian principles and law before the Canadian Parliament and the World Trade Organization and has been a speaker at TEDxMontrealWomen, the Samuel Centre for Social Connectedness and at the American Geophysical Union Conference in 2018 on plastic pollution, climate change and health.

Dr. Samantha Green and Mr. Stephen Cornish

Roundtable #4: Healthcare activism, climate change and global health

Dr. Green is a family physician at St. Michael’s Hospital and at the Inner City Health Associates in Toronto. She is also an Assistant Professor at the Dalla Lana School of Public Health in the Clinical Public Health Division and teaches a course called “The Social, Political, and Scientific Aspects of Primary Care”. Previously, she was the chair of the advocacy group called Health Providers Against Poverty (HPAP). Moreover, she is avid environmentalist serving as a Board Member of the Canadian Association of Physicians for the Environment (CAPE). After completing medical school at the University of Ottawa and residency at McMaster University, she worked in the Yukon, Sioux Lookout, and Hamilton before settling in Toronto.

Mr. Stephen Cornish is the CEO of the David Suzuki Foundation and past executive director of Médecins Sans Frontières/ Doctors Without Borders (MSF) Canada. Cornish managed several major medical humanitarian interventions in contexts such as Chechnya, Sierra Leone, Georgia and Peru. Cornish holds a master’s degree in global risk and crisis management from the Université Panthéon Sorbonne in Paris, and a post-graduate diploma in conflict resolution from the University of Bradford. He has served in management and advisory roles for the Canadian Red Cross and CARE Canada, and also serves on the boards of directors for several charitable organizations in Canada. His work has been published in academic and policy journals, including the Journal of Military and Strategic Studies and Policy Options. Cornish has helped spur public debate in Canada on pressing humanitarian issues, both as an analyst and contributor to news outlets such as the Globe and Mail, National Post and others, and by delivering keynote addresses to thought leaders in environmental, humanitarian and global health sectors.

Roundtable Lead Bios

Professor Jutta Brunnée

Roundtable #5: International environmental law, climate change and global health

Professor Jutta Brunnée is Professor of Law and Metcalf Chair in Environmental Law, University of Toronto, where she previously served as Associate Dean of Law, Graduate (2010-2014) and Interim Dean (2014). She has published extensively in the areas of public international law, international environmental law and international legal theory. She is co-author of *International Climate Change Law* (OUP 2017), which was awarded the American Society of International Law's 2018 Certificate of Merit "in a specialized area of international law" and was recently translated into Korean, and of *Legitimacy and Legality in International Law: An Interactional Account* (CUP 2010), which was awarded the American Society of International Law's 2011 Certificate of Merit "for preeminent contribution to creative scholarship." In 1998-99, Professor Brunnée was the "Scholar-in-Residence" in the Legal Bureau of the Canadian Department of Foreign Affairs and International Trade, advising, inter alia, on matters under the Biodiversity and Climate Change Conventions.

Professor Katherine Minich

Roundtable #6: Challenges for Indigenous communities, climate change and global health

Katherine Minich is an Inuk scholar who hails from the Nunavut Territory, with family ties to Pangnirtung. She is a lecturer at Carleton University in the School of Public Affairs and completing doctoral research at Ryerson University in Policy Studies. Her research focuses on Indigenous water knowledge and Inuit governance at the community level. Katherine Minich was one of the inaugural Bruce Fellows at Ryerson University in Canadian Freshwater Policy for her research comparing two Nunavut communities in traditional water uses.

Professor Amy Bilton

Roundtable #7: Innovations in engineering, climate change and global health

Professor Amy Bilton is the director of the Centre for Global Engineering, and an Assistant Professor of Mechanical Engineering at the University of Toronto. She is the Director of the Water and Energy Research Lab (WERL), which focuses on developing innovative water and energy technologies and computer-based design methods. She has worked on development projects in Bangladesh, Vietnam, Nicaragua, and Mexico. She completed her Ph.D. and M.S. in Aeronautics and Astronautics at M.I.T. and her B.A.Sc. in Engineering Science, Aerospace Option, from the University of Toronto. Amy has also worked as a Systems Engineer at Pratt and Whitney Canada and Honeywell Aerospace. Website: [https:// www.mie.utoronto.ca/labs/werl/](https://www.mie.utoronto.ca/labs/werl/)

Dr. Nanky Rai

Roundtable #8: Colonialism, climate change and global health

Dr. Nanky Rai is a 2017 Family medicine graduate, active in migrant and health justice social movements while living in Toronto, on the traditional Indigenous territory of the Wendat, the Anishinaabek, Haudenosaune and the Mississaugas of the New Credit. Her interests include building anti-oppressive medical education and clinical practice as well as health activism. She was the medical trainee recipient of University of Toronto's 2017 Robert Sheppard Award for Health Equity and Social Justice, and also the St. Michael's Hospital's Department of Family and Community Medicine Quality Improvement Impact Award and Resident Advocacy Award.

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especially during these challenging times....*



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