

PPHS 511: Fundamentals of Global Health

CRN: 21616; Tuesdays (2.30 to 5.30 PM)

Room: 627, Education building

Instructor

Professor Madhukar Pai, MD, PhD Canada Research Chair in Epidemiology & Global Health Director, McGill Global Health Programs

Email: madhukar.pai@mcgill.ca

Twitter: @paimadhu

Office hours: By appointment

Teaching assistants:

Ms. Lena Faust
Doctoral Candidate, Epidemiology
lena.faust@mail.mcgill.ca
Office hours: By appointment

Ms. Sophie Huddart
Doctoral Candidate, Epidemiology
sophie.huddart@mail.mcgill.ca
Office hours: By appointment

Course objective: To provide a survey of core topics in global health at the introductory level.

Course Description: This interactive 500-level survey course aims to give students the opportunity to broaden their understanding and knowledge of global health issues, including core topics such as history of global health, global health governance, global burden of disease, global health ethics, and global health diplomacy and advocacy. The course will cover topics that span the unfinished agenda (e.g. infectious diseases, and maternal/child health), as well as the emerging agenda (e.g. global environmental health, and the emerging epidemic of non-communicable diseases). The highlight of the course is the case studies that student prepare and often successfully publish.

Structure of sessions: The course consists of lectures (including guest lectures), case studies, discussions and small group work. A few global health events and seminars are scheduled during the fall term, and all students are expected to participate in these seminars and events. Information about the global health seminars and events are available at: http://www.mcgill.ca/globalhealth/

Schedule:

Date	Topic	Faculty	
Global health – introductory concepts			
Sept 3	Introduction to global health & historical context	Madhu Pai	
	Movie: Bending The Arc		
	(http://bendingthearcfilm.com/)		
Sept 10	Social determinants of health & equity	Madhu Pai	
	Global health governance & financing		
Sept 17	Ethical issues in global health	Matt Hunt	
	Measurement in global health & global burden of		
	disease	Madhu Pai	
Sept 24	Global health delivery & Universal Health Coverage	Tim Evans	
	Access to global health technologies	Madhu Pai	
	How to create a global health case study	Sophie Huddart & Lena Faust	
The unfinished agenda of global health			
Oct 1	HIV & TB	Madhu Pai, Lena Faust &	
	Schisms & uncomfortable truths in global health	Sophie Huddart	
Oct 8	Immigrant and refugee health	Baijayanta Mukhopadhyay	
	Reproductive, maternal, new born & child health	Charles Larson	
	Global health advocacy & diplomacy	Chris Dendys	
Oct 15	Neglected tropical diseases	Greg Matlashewski	
	Mid-term quiz		
	Malaria	Cedric Yansouni	
The emerging agenda of global health			
Oct 22	Non-communicable diseases	Julia von Oettingen	
	Humanitarian action	Rachel Kiddell-Monroe	
Oct 29	Global mental health	Laurence Kirmayer	
	Injuries, trauma & global surgery	Etienne St-Louis	
	Global environmental health & climate change	Jonathan Chevrier	
Nov 5	Strategic thinking in global health	Shan Soe-Lin & Rob Hecht	

2.30 – 3.30 PM		
	Global Health Night	
4 – 7.30 PM	Venue: Centre Mont-Royal, 2200 Rue Mansfield	
Nov 12	Global health field work & student experiences	Kristin Hendricks
	Pandemics & Antimicrobial resistance	Madhu Pai
	Health and social justice	Sridhar Venkatapuram
Nov 19	Indigenous health	Andrew Bresnahan
	Student presentation of case studies (groups 1 – 5)	(via Zoom)
Nov 26	Student presentation of case studies (groups 6 – 10)	
	Careers in Global Health	
	Final quiz	

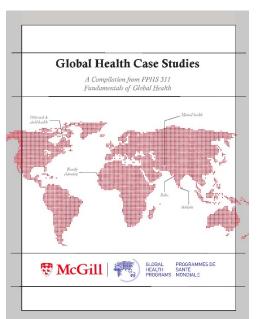
Assigned readings: Pertinent readings will be assigned for each class, and made available via MyCourses. Students are expected to have completed all required readings, prior to class so as to be prepared to be active participants in discussions.

Course Pre-requisites: None

Grading: Letter

Evaluation:

Mid-term & final quiz (equal weight): 60% Submission of final report of the case study: 40%



Class Presentation and final report: Students will be asked to work in groups of 6 - 8 (depending on class size), and prepare a case study in global health. They will then present their case studies towards the end of the term, and get feedback. For example, previous case studies have included topics such as: how Sri Lanka eliminated malaria; how India eradicated polio; youth mental health literacy in Africa; GAVI's HPV vaccine program.

Each team will present one formal (PowerPoint) presentation on their case study. The instructor and rest of the class will provide feedback to the presenters. The group will then revise the case study before submitting to the instructor as a brief written report, which might be published in *The Prognosis*, the global health journal

https://www.mcgill.ca/globalhealth/students/prognosis

(detailed instructions will be provided, along with deadline) or in other global health journals.

A compilation of case studies from previous years, along with a template for case studies, is available at: https://www.mcgill.ca/globalhealth/node/2362

McGill University values academic integrity. Therefore, all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see www.mcgill.ca/students/srr/honest/ for more information) (approved by Senate on 29 January 2003). L'université McGill attache une haute importance à l'honnêteté académique. Il incombe par conséquent à tous les étudiants de comprendre ce que l'on entend par tricherie, plagiat et autres infractions académiques, ainsi que les conséquences que peuvent avoir de telles actions, selon le Code de conduite de l'étudiant et des procédures disciplinaires (pour de plus amples renseignements, veuillez consulter le site www.mcgill.ca/students/srr/honest/).

In accord with McGill University's Charter of Students' Rights, students in this course have the right to submit in English or in French any written work that is to be graded." (approved by Senate on 21 January 2009 - see also the section in this document on Assignments and evaluation.). Conformément à la Charte des droits de l'étudiant de l'Université McGill, chaque étudiant a le droit de soumettre en français ou en anglais tout travail écrit devant être noté (sauf dans le cas des cours dont l'un des objets est la maîtrise d'une langue).