



PPHS 511: Fundamentals of Global Health

CRN: 21616; Tuesdays (3.00 to 6.00 PM)

Room: 1345, McIntyre Medical building

Instructor

Professor Madhukar Pai, MD, PhD

Canada Research Chair in Translational Epidemiology & Global Health

Director, McGill Global Health Programs

Email: madhukar.pai@mcgill.ca

Twitter: @paimadhu

Office hours: By appointment

Teaching assistant:

Emily MacLean, PhD Candidate

Email: emily.maclean@mail.mcgill.ca

Twitter: @emilymaclean

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 5	Introduction to global health & historical context	Madhu Pai
Sept 12	Global health financing and governance Measurement in global health Global burden of disease	Madhu Pai
Sept 19	Social determinants of health Global health ethics	Amrita Daftary Matt Hunt
Sept 26	How to create a global health case study Global health delivery & health systems Global health technologies	Sophie Huddart Madhu Pai
Sept 29	2 - 3 PM: Special global health seminar: Global Polio Eradication and the Endgame Venue: Goodman Cancer Center Rm 501	Ananda Bandyopadhyay, Gates Foundation
The unfinished agenda of global health		
Oct 3	Infectious diseases: HIV, Malaria & TB	Nitika Pai Cedric Yansouni Madhu Pai
Oct 10	Neglected tropical diseases RMNCH (reproductive, maternal, new born and child health)	Theresa Gyorkos Charles Larson
Oct 17	Mid-term quiz Global health advocacy & diplomacy Schisms & debates in global health	Madhu Pai
The emerging agenda of global health		
Oct 24	Non-communicable diseases Antimicrobial resistance	Julia von Oettingen Madhu Pai
Oct 31	Global environmental health & climate change Pandemics & global health security	Jonathan Chevrier Raad Fadaak
Nov 7 3.00 – 4 PM	Injuries and trauma	Dan Deckelbaum
4 – 7.30 PM	Global Health Night Venue: Centre Mont-Royal, 2200 Rue Mansfield	Speaker: Laurie Garrett Pulitzer Prize winner; author of <i>The Coming Plague & Betrayal of Trust</i>
Nov 14	Global mental health Aboriginal health Immigrant and refugee health	Jai Shah Kent Saylor Chris Greenaway
Nov 21	Global health field work & student experiences Careers in global health	K Hendricks Madhu Pai
Nov 28	Student presentation of case studies (groups 1 – 5)	
Dec 5	Final quiz Student presentation of case studies (groups 6 – 9)	

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 peer-reviewed 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).