

## Topics in Global Medicine and Health - Fall 2024

### Course Highlights:

- Practical approach to some of the most pressing issues in global health for health care professionals-in-training
- Student-led and student-driven course supported by faculty Course Director
- Emphasis on interprofessional, interactive, small group learning
- Learn from, and connect with, Yale global health faculty

### Course Description

*Topics in Global Medicine and Health* is a student-led, case-based elective course for Yale health professionals-in-training that provides participants with a broad knowledge base in current globally important health issues. Each session focuses on a specific topic and aims to integrate the perspectives of public and population health with a practical, clinically oriented approach to the topic. Importantly, the course provides a forum for interactive discussions of health issues that pose unique challenges in resource-limited settings. The sessions are collaborative – a Yale faculty member with expertise in the topic is paired with one or two students and the team works together to present the topic. Faculty will be asked to provide reading resources relevant to their session in advance.

We encourage the presenters to avoid clinical language or, if necessary, to explain it well in Topics presentations given the broad array of student backgrounds and clinical experiences.

### Objectives

Upon completion of this course, the student will be able to:

1. Appreciate the spectrum of globally important health issues affecting persons and communities in resource-limited settings.
2. Identify the major principles and challenges of providing health care in resource-limited settings.
3. Appreciate the importance of public health interventions in addressing global health issues.

### Participation

*Topics in Global Medicine and Health* is designed for students in all of the health professions programs, specifically physician associate (PA), nursing (YSN), medicine (YSM), and epidemiology and public health (EPH). In addition, advanced trainees such as residents and fellows are encouraged to participate. The course is open to all members of the Yale community. Active participation in the course is expected, whether by way of presenting a topic in collaboration with the faculty member or actively participating in the small group discussions.

### Student Presenters

Students will be asked to sign up online for a presentation slot prior to the course starting. Additional interested students will be able to sign up at the first session, pending availability.

### Course Schedule

Day/Time: *Tuesdays 6:30-8:00pm*

Start/End Dates: *September 3rd through December 5 (no class on November 5 and November 26) - possibly ending on November 19th*

Location: Hope Memorial Building (315 Cedar Street), room 110

### **Session Format**

Each collaborative *Topics* session will have the following format:

6:30 - 7:00 pm      Student presentations - introduction of themes, representative cases

7:00 - 7:30 pm      Faculty lecture

7:30 - 8:00 pm      Questions & Answers, Group Projects

### **YSM Global Health Concentration Fulfillment**

The course satisfies one of the course requirements for the YSM Global Health Concentration.

### **YSN Global Health Track Fulfillment**

The course satisfies one of the two course requirements for the Global Health Track if the student attends at least 75% of the sessions.

### **Attendance**

We urge all course participants to attend the course as regularly as possible. Poor attendance reflects poorly on the course in the eyes of faculty speakers. Additionally, strong attendance will make the interactive aspect of the course highly rewarding.

Those students taking the course for credit must achieve the attendance rate designated by their program. Attendance will be tracked using Canvas.

### **Course Leadership**

The Course Directors are **Dr. Fabian Laage Gaupp**, Assistant Professor in Vascular and Interventional Radiology at Yale School of Medicine, and **Dr. Jeremy Schwartz**, Associate Professor of Medicine and Epidemiology. The student leadership team is selected annually from interested students in the represented programs. The 2024 student leadership team includes: **Carson Ferrara (YSPH)**, **James Dahlvang (YSM)**, **David Han (YSM)**, and **Andrea Tamayo (YSN)**.

### **Evaluation**

- Details of participants, including school, level of training, and prior experience in global health are collected for evaluation purposes.
- Participants are asked to fill out a simple questionnaire at the end of the course to evaluate the topics, format and overall effectiveness of the course.
- All evaluations will be done anonymously.

### **Course Schedule**

Date & Format	Topic	Faculty speaker
Week 1 - Sept 3	Orientation, Introduction to global health, Global Health Glossary Exercise	Jeremy Schwartz, Associate Professor of Medicine and Epidemiology Fabian Laage Gaupp, Assistant Professor in Vascular and Interventional Radiology
Week 2 - Sept 10	Pediatric Hydrocephalus - Bench to Bedside	<b>Steven Schiff, MD, PhD, FACS</b> Harvey and Kate Cushing Professor of Neurosurgery, Vice Chair for Global Health, Department of Neurosurgery, Professor of Epidemiology, Department of Epidemiology of Microbial Diseases
Week 3 - Sept 17	Humanitarian Emergencies and Health	<b>Hani Mowafi, MD, MPH</b> Associate Professor, Chief of the Section of Global Health in the Department of Emergency Medicine, Director, Yale-London School of Hygiene and Tropical Medicine Fellowship in Global Health and International Emergency Medicine
Week 4 – Sept 24	Women’s Health	<b>Michelle Telfer, DNP, MPH, CNM, FACNM</b> Associate Professor of Nursing and Interim Nurse-Midwifery Specialty Co-Director
Week 5 – Oct 1	Addiction, Harm Reduction	<b>Marek Chawarski, PhD</b> Professor of Psychiatry and Emergency Medicine
Week 6 - Oct 8	Climate Change, Biodiversity Loss, and Infectious Diseases	<b>James Shepherd, MD, PhD</b> Associate Professor of Internal Medicine (Infectious Diseases)
Week 7 - Oct 15	Last Mile Vaccine Delivery	<b>Mushfiq Mobarak, PhD</b> Jerome Kasoff '54 Professor of Management and Economics, Faculty Director, <a href="#">Yale Research Initiative on Innovation and Scale (Y-RISE)</a>

Week 8 - Oct 22	Global Mental Health	<b>Yang Jae Lee, MD</b> Current Yale Psychiatry Resident Physician
Week 9 – Oct 29	NCDs and Access to Medicines	<b>Jeremy Schwartz, MD</b> Associate Professor of Medicine (General Medicine) and Epidemiology (Chronic Disease)
Week 10 - Nov 12	Global Surgery	<b>Melanie Sion, MD, FACS</b> Assistant Professor of Surgery (General, Trauma & Surgical Critical Care)
Week 11 - Nov 19	Vaccine R&D to Implementation	<b>Onyema Ogbuagu, MBBCh, FACP, FIDSA</b> Associate Professor of Medicine and of Pharmacology
Week 12 - TBD	Global Health Case Competition	Fabian Laage Gaupp, Assistant Professor in Vascular and Interventional Radiology