



# Professional Enrichment Course

University of Pittsburgh School of Medicine  
Office of Medical Education

PEC Registrar – Denise Downs [d downs@pitt.edu](mailto:d downs@pitt.edu) 412-648-8749

## Intro to Global Health and Surgery

<b>Enrollment Period:</b>	Spring 2022
<b>Course Dates:</b>	Tuesdays; January 4th, 11, and 25 (all in the evening from 6pm)  February 1, 8 and 15 (also in the evenings from 6pm)
<b>Student Max:</b>	30
<b>Class Year:</b>	MS1 and MS2 from School of Medicine. Global Health students in the Schools of Public Health, Pharmacy, Nursing, and Dentistry
<b>Course Director:</b>	Dr. Juan C. Puyana, Dr. S Ariane Christie and Dr. Peter Veldkamp
<b>Student Coordinator:</b>	Zainab Balogun <a href="mailto:zab48@pitt.edu">zab48@pitt.edu</a>
<b>Location:</b>	In-person, TBD based on room availability
<b>Registration:</b>	Via Amp Up during PEC enrollment period
<b>Course Description:</b>	This professional enrichment course will serve as an experiential and conceptual introduction to global health and global surgery. After an introductory lecture on core tenants, this course will delve further into the economics and advocacy work that fuels global medicine, with an accompanying advocacy workshop. Interactive sessions will include two hands-on surgery workshops with guiding lectures delivered by global experts in the respective field. Students will also be able to engage with patients through an international patient panel. Finally, students will learn more about how to incorporate global health/surgery into their career as a physician through a global medicine career day featuring advice from experts within and external to Pitt.
<b>Objectives:</b>	<ul style="list-style-type: none"> <li>• Introduce students to the core tenants of global health and surgery.</li> <li>• Learn about the economics of global medicine. Discuss financial considerations for the global health/surgery physician, local communities and patients, and larger bodies, such as NGOs and governments.</li> <li>• Design and complete an introductory global medicine advocacy project.</li> <li>• Gain hands-on surgical experience through a global lens.</li> <li>• Learn from patients' experiences with global medicine, including key differences and similarities in international health systems.</li> </ul>

	<ul style="list-style-type: none"> <li>Discuss the various ways to integrate global medicine into a career as a physician, such as through research, advocacy, policy, and clinical work.</li> </ul>
<b>Pre-Requisites:</b>	None
<b>Requirements:</b>	Attend at least 5/7 sessions

**Session 1**

Theme: Introduction to core tenants of global health and surgery.

Learning Objectives:

Describe key global medicine concepts, including sustainability, ethics, and global disparities.

Discuss the role of the local communities and organizations such as NGO’s, political bodies, policy makers, and non-physician health professionals in global health and surgery.

Examine the history of global medicine and its outlook for the future.

Introduce the course objectives and expectations.

Speakers: Dr. Ulrick Sidney (Operation Smile), Dr. Jason Brotherton (Pitt)

**Session 2**

Theme: The economics of global medicine

Learning Objectives:

Learn about how global health and surgery initiatives are funded and how this relates to sustainability.

Understand the limitations and hindrances to funding global health and surgery projects.

Characterize global medicine’s impact on low- and middle-income countries, especially at the community level.

Speakers: Dr. Mark Meyer, Dr. Gerry Douglas, faculty member from Pitt GSPIA or GSPH

**Session 3**

Theme: Advocacy in global medicine

Learning Objectives:

Learn about advocacy’s role in global medicine, including how advocates at all levels can influence healthcare internationally.

Practice designing and implementing a global health/surgery advocacy project (smaller groups)

Discuss the ethical issues around global medicine.

Speakers: Thuy Bui, Gerry Douglas, Burton Lee, Kristina Rudd, Gaetan Sgro, Ray Funahashi (recent Pitt grad)

#### **Session 4**

Theme: Global cleft palate repair workshop

Learning Objectives:

Introduce cleft palate repair on an international level.

Learn about the limitations to state of the art appliances in low-resource settings and the adaptations made to facilitate successful surgery.

Understand the surgical basics of cleft palate repair.

Gain hands-on practice with cleft palate repair using an established cup model.

Speakers: Dr. Mary Marazita

#### **Session 5**

Theme: Cataract surgery workshop

Learning Objectives:

Discuss global ophthalmology, with a particular focus on cataract surgeries.

Learn about cataract surgeries and gain hands-on practice.

Speakers: Dr. Jake Waxman

#### **Session 6**

Theme: Global patient panel

Learning Objectives:

Meet and learn from international patients.

Understand differences and similarities between patient experiences domestically and internationally.

Learn the differences in access to specialized care with patients with rare conditions.

Speakers: TBD

#### **Session 7**

Theme: Global medicine career day

Learning Objectives:

Hear from global health/surgery professionals on their engagement with international healthcare.

Understand the various ways to integrate global medicine into a career as a physician.

Meet mentors in global medicine.

Separate session for discussion of advocacy projects.

Speakers: Dr. Puyana, Dr. Veldkamp, Dr. Christie, Dr. Makin, PIH, Doctors Without Borders, etc