



University
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School
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The Emergency Expert Professional Mini Elective 2020-2021

<u>Course Dates:</u>	September 2020—March 2021 12:00-1:00 PM—ZOOM
<u>Class Year:</u>	MS1 and MS2
<u>Course Director:</u>	Stephanie Gonzalez, MD Department of Emergency Medicine
<u>Faculty:</u>	Stephanie Gonzalez, MD Michele Dorfsman, MD Raquel Forsythe, MD Adam Tobias, MD Joshua Shulman, MD Michael Abesamis, MD Jennifer Wolford, DO
<u>Contact Information:</u>	Stephanie Gonzalez, MD 412-647-9922 gonzalezsm@upmc.edu

Registration:

No need to pre-register. Lectures and meeting links announced by EM Student Association Coordinators. Be sure to sign in when attending lecture.

Description:

This 6 session professional enrichment course will introduce students to the field of Emergency Medicine and various sub-specialties with an emphasis on emergent care of the critically ill or injured patient. This noon-time lecture series is sponsored by the Emergency Medicine Student Association and will cover various topics relevant to Emergency Medicine and various emergency situations. Topics will include an introduction to the specialty of Emergency Medicine, intimate partner and gun violence, trauma management, child maltreatment, toxicology and social emergency medicine. Lectures include pathophysiology and clinical correlation. The lecturers are all board certified faculty members or Fellows within the University of Pittsburgh Medical Center.

Objectives:

- To provide framework of skills needed in the care of the critically ill or injured patient and various emergency situations.
- To expose students to the field of EM and provide information on the wide range of practice opportunities and sub-specialties available.
- To provide a foundation to apply pathophysiology to actual clinical cases.
- To provide practical knowledge of emergency scenarios relevant to Emergency Medicine but applicable to a diverse range of medical specialties.

Requirements:

Participate in 4 out of 6 offered course sessions

Course Outline The Emergency Expert

Time/Location: All sessions

12:00 PM—1:00 PM— ZOOM (Links will be announced by EM student coordinators)

Faculty:

Stephanie Gonzalez, MD
Michele Dorfsman, MD
Raquel Forsythe, MD
Adam Tobias, MD
Joshua Shulman, MD
Michael Abesamis, MD
Jennifer Wolford, DO

Session 1- Tuesday, September 1, 2020

What is Emergency Medicine?

Dr. Michele Dorfsman, MD and Resident panel

Learn about the specialty of Emergency Medicine from the University of Pittsburgh Residency Program Director. Students will learn about the field of Emergency Medicine including the educational pathway, fellowship opportunities, career options and mentoring availability.

Session 2- Tuesday, October 13, 2020

Toxicology-Bites, Stings and Envenomations

Dr. Michael Abesamis, MD

This talk will cover common and life threatening bites, stings and envenomations. Clinical presentation, pathophysiology, management and outcomes will be discussed in the context of actual cases and photographs.

Session 3 – Tuesday, November 10, 2020

Trauma Management

Dr. Raquel Forsyth, MD

Learn about initial management principles of trauma patients. The focus of the lecture will be actual case studies of trauma patients focusing on mechanism of injury, anatomy and physical findings, diagnostic evaluation and clinical decision making.

Session 4- Tuesday, January 19, 2021

Toxicology—Toxidromes

Dr. Joshua Shulman, MD

The pathophysiology of common toxidromes will be discussed with an emphasis on clinical presentation. Using a case-based approach, students will learn about the pharmacology, physical exam findings and clinical management of various classes of toxic ingestions.

Session 5- Tuesday, February 2, 2021

Child Maltreatment

Dr. Jennifer Wolford, DO

Participants will have an understanding of the scope of the problem of child maltreatment and will become more familiar with legal aspects and the child protection system. Students will also gain insight into ways abused and neglected children present in the ED setting.

Session 6- Tuesday, March 2, 2021

“Is There a Doctor on Board? Medical Emergencies at 30,000 Feet”

Dr. Adam Tobias, MD

“Ladies and gentlemen: is there a doctor on board?” We will use recordings of real-life in-flight emergency consults to supplement a discussion of common and uncommon scenarios that medical providers may be challenged with during commercial airline travel. We will discuss the unique aspects of patient care in this austere environment, what supplies and resources are available, the medical challenges of taking care of patients at altitude, considerations for aircraft diversion, and how you can help.