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The Emergency Expert Mini-Elective 2018-2019

<u>Course Dates:</u>	October 2018—March 2019
<u>Class Year:</u>	MS1 and MS2
<u>Course Director:</u>	Stephanie Gonzalez, MD Department of Emergency Medicine
<u>Faculty:</u>	Stephanie Gonzalez, MD Mike Abesamis, MD Lou Alarcon, MD Clifton Callaway, MD Raquel Forsythe, MD Courtney Walker, MD Jennifer Wolford, DO
<u>Contact Information:</u>	Stephanie Gonzalez, MD 412-647-9922 gonzalezsm@upmc.edu

Registration:

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

Description:

This 6 session mini-elective 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 toxicology, inflight emergencies, trauma, Intimate partner violence, child maltreatment and resuscitation. 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— Scaife Hall Lecture Room 1

Faculty:

Stephanie Gonzalez, MD
Mike Abesamis, MD
Lou Alarcon, MD
Raquel Buranosky, MD
Clifton Callaway, MD
Adam Tobias, MD
Jennifer Wolford, DO

Session 1- Tuesday, October 30, 2018

"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.

Session 2 - Tuesday, November 6, 2018

Trauma Management

Dr. Lou Alarcon, 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 3- Tuesday, December 11, 2018

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 4- Tuesday, January 15, 2019

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 5- Tuesday, February 12, 2019

Concepts of Resuscitation

Dr. Clifton Callaway, MD

This talk will discuss the current state of cardiac resuscitation, including the public health burden of sudden cardiac death. Creation and maintenance of systems of care that provide resuscitation emergently for persons who collapse suddenly outside of the hospital is a major activity for emergency medicine. Once patients are transported to the hospital, and for patients who are resuscitated in the hospital, priorities include mitigation of damage and determining the cause of sudden collapse. Survival with good quality of life is possible when all components of the system of care work well.

Session 6- Tuesday, March 5, 2019

Intimate Partner Violence

Dr. Raquel Buranosky, MD

This talk is designed to give medical students a fundamental understanding of intimate partner violence (IPV) and develop screening, interviewing, and safety planning skills. Stereotypes and misconceptions about IPV will be discussed. Students will learn about the three major categories of women that are affected by IPV: adolescents, pregnant women, and the elderly.