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The Emergency Expert Mini-Elective 2017-2018

<u>Course Dates:</u>	September 2017—March 2018
<u>Class Year:</u>	MS1 and MS2
<u>Course Director:</u>	Stephanie Gonzalez, MD Department of Emergency Medicine
<u>Faculty:</u>	Stephanie Gonzalez, MD Lou Alarcon, MD Raquel Buranosky, MD Clifton Callaway, MD Josh Schulman, 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 toxicologic emergencies, trauma, prescription narcotic abuse, 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
Lou Alarcon, MD
Raquel Buranosky, MD
Clifton Callaway, MD
Josh Schulman, MD
Jennifer Wolford, DO

Session 1- Tuesday, October 17, 2017

Toxicology-Toxidromes

Dr. Josh 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 2- Tuesday, October 24, 2017

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/disabled.

Session 3 - Tuesday, November 14, 2017

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 4- Tuesday, January 9, 2018

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 5- Tuesday, February 6, 2018

Prescription narcotic abuse

Dr. Stephanie Gonzalez, MD

Become familiar with the rising problem of prescription narcotic abuse, identify agents commonly abused, learn how to recognize signs of abuse and learn practical techniques to avoid perpetuating the problem.

Session 6- Tuesday, March 13, 2018

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.