



University
of
Pittsburgh

School
of
Medicine

The Emergency Expert Mini-Elective Spring 2009

<u>Course Dates:</u>	October 2008—March 2009
<u>Class Year:</u>	MS1 and MS2
<u>Course Director:</u>	Stephanie Gonzalez, MD
<u>Faculty:</u>	Louis Alarcon, MD Joe Suyama, MD Anthony Pizon, MD Panel of fellows and residents
<u>Contact Information:</u>	Stephanie Gonzalez, MD 412-647-9922 gonzalezsm@upmc.edu
<u>Registration:</u>	Betsy Nero, Office of Medical Education betsy@medschool.pitt.edu

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 trauma management, disaster planning and management, and toxicologic emergencies. Lectures include pathophysiology and clinical correlation, administrative and social aspects of the specialty as well as provide information on current opportunities with the Department of EM and fellowship options. The lecturers are all board certified faculty members or residents within the University of Pittsburgh Emergency Medicine Residency Program.

Course 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 a direct source of information on ways to become involved in the Department of Emergency Medicine such as research opportunities, scholarly projects and summer projects.

Requirements:

Participate in 4 out of 6 offered course sessions.

Office
of
Medical
Education

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Course Outline

The Emergency Expert

Course Director:

Stephanie Gonzalez, MD
Assistant Professor of Emergency Medicine
412-647-9922
gonzalezsm@upmc.edu

Faculty:

Louis Alarcon, MD
Assistant Professor of Critical Care Medicine and Surgery

Joe Suyama, MD

Anthony Pizon, MD

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Location /Time:

Scaife Hall Lecture Rooms, 12 — 1 PM

Session 1 – October 21, 2008, LR2

Trauma Management

Dr. Louis 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 2 – November 11, 2008, LR3

Pre-hospital/Disaster Management

Dr. Joe Suyama, MD

Learn about disaster planning and implementation and the network of providers responsible for management of mass casualty situations. Learn more about the role of Emergency Medicine and EMS in such disaster situations.

Session 3 – December 2, 2008, LR3

Toxicology Cases

Dr. Anthony Pizon, MD

Learn about the subspecialty of toxicology, pathway to become a toxicologist, administrative aspects of the specialty and various practice options. There will also be clinical case studies of toxicology patients with emphasis on critical ingestions and management principles as they relate to the pathophysiology of the toxin.

Session 4 – January 6, 2009, (Room TBD)

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 5 – February 17, 2009, LR3

International EM

Speaker to be determined

Learn more about international opportunities in Emergency Medicine. Lecture will focus on emergency support after natural disasters, medical relief organizations for nations with inadequate medical resources, and establishment of advanced Emergency Medicine programs abroad.

Session 6- March 31, 2009, LR2

EM Fellowships/Summer Research Opportunities

Panel of fellows and residents

Learn more about the fellowships available after an EM residency and the practice opportunities that these fellowships provide. Residents and fellows will also be on hand to explain the various research opportunities available and discuss summer opportunities for medical students.