# The Emergency Expert Mini-Elective
## Spring 2010

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<th><strong>Course Dates:</strong></th>
<th>October 2009—March 2010</th>
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<td><strong>Class Year:</strong></td>
<td>MS1 and MS2</td>
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<td><strong>Course Director:</strong></td>
<td>Stephanie Gonzalez, MD</td>
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<td><strong>Faculty:</strong></td>
<td>Mike Abesamis, MD</td>
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<td>Louis Alarcon, MD</td>
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<td>Joe Suyama, MD</td>
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<td>Marc-David Munk, MD</td>
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<td>Panel of faculty and residents</td>
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<td><strong>Contact Information:</strong></td>
<td>Stephanie Gonzalez, MD</td>
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<td>412-647-9922</td>
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<td><a href="mailto:gonzalezsm@upmc.edu">gonzalezsm@upmc.edu</a></td>
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<td><strong>Registration:</strong></td>
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**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.
Course Outline
The Emergency Expert

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

Faculty:
Mike Abesamis, MD
Louis Alarcon, MD
Stephanie Gonzalez, MD
Marc-David Munk, MD
Joe Suyama, MD

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Location /Time:
Scaife Hall Lecture Rooms, 12 — 1 PM

Session 1 – October 13, 2009, LR3
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 2 – November 5, 2009, LR3
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 3 – December 3, 2009, LR1
Toxicology
Dr. Mike Abesamis, 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 7, 2010, LR3
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 23, 2010, LR1
International EM
Marc-David Munk, MD
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 30, 2010, LR1
Fellowship Opportunities
Panel of faculty and fellows
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.