**Project:** Ghana Emergency Medicine Collaborative

**Document Title:** Open Educational Resources

Author(s): University of Michigan Department of Emergency Medicine

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Ghana Emergency Medicine Collaborative
University of Michigan Department of Emergency Medicine







# Ghana Emergency Medicine Collaborative

- Established in 2008♪
- Aims to improve the delivery of emergency medical care in Ghana through sustainable physician, nursing and medical student training programs.
- Supported by NIH grant









# Ghana Emergency Medicine Collaborative

- Kwame Nkrumah University of Science and Technology (KNUST)
- Komfo Anokye Teaching Hospital (KATH)
- Ghana College of Physicians and Surgeons
- Ghana Ministry of Health
- University of Michigan Department of Emergency Medicine and School of Nursing









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- Using the ACGME requirements for Emergency Medicine Residency, we developed a list of approximately 150 lectures that Ghanaian Emergency Medicine Residents should receive during their training.
- Emergency Nursing and Medical Student lectures are also being developed.









- Lectures are being donated from the University of Michigan/St. Joseph Mercy Hospital EM residency faculty, as well as faculty from other EM residencies in the United States.
- Visiting faculty and nurses are writing lectures to present while in Kumasi, Ghana







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- open.michigan is publishing Emergency Medicine courses in OER format.
  - Advanced Emergency Trauma
  - Ghana Emergency Medicine Collaborative
- http://open.umich.edu/education/med/em.











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- > m1 curriculum
- > m2 curriculum
- african health oer network
- department of emergency medicine

advanced emergency trauma

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- department of family medicine
- medical school administration
- > palliative care
- > resources
- > mededportal

home > find > medical > department of emergency medicine >

#### Department of Emergency Medicine





The Department of Emergency Medicine has nationally recognized clinical expertise in trauma, chest pain, toxicology, brain injuries and pediatric emergency medicine. The Department is a full service Level 1 adult and pediatric trauma center staffed and equipped to deal with all urgent and emergency problems. It is a major access point to the services and facilities of the University of Michigan Health System and is a provider of emergency care 24-hours a day, 7-days a week. Faculty are board-certified physicians in Emergency Medicine and/or Pediatric Emergency Medicine. The Department of Emergency Medicine offers a four-year residency training program, leading to board certification in the specialty of Emergency Medicine, and a Pediatric Emergency Medicine Fellowship program, accepting qualified candidates from Pediatric and Emergency Medicine residency programs.

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#### Course(s)

- > Advanced Emergency Trauma
- > Ghana Emergency Medicine Collaborative







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- > department of family medicine
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- > palliative care
- > resources
- > mededportal

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#### Ghana Emergency Medicine Collaborative



Overview

Materials Sessions

Term: Download all materials

Published: November 18, 2011 Revised: August 3, 2013

Current emergency care in Ghana is sub-optimal with significant delays to definitive care and high morbidity and mortality. The Ghanaian government has recently invested in physical infrastructure for emergency care at major teaching hospitals, but the human resources to provide care are inadequate. To address this need, the Ghana Emergency Medicine Collaborative has proposed an innovative training program focused on medical students, nurses, and residents with the formation of a new faculty for sustainable training. This program will train emergency medicine personnel in injury and acute medical illness management, expose trainees to research methodology, administrative and leadership aspects of emergency medicine.



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The Ghana Emergency Medicine Collaborative is a joint project between Kwame Nkrumah University of Science and Technology, Komfo Anokye Teaching Hospital, University of Michigan Medical School and School of Nursing, Ghana Ministry of Health, Ghana College of Physicians and Surgeons, and Ghana Ambulance Service. The program receives funding from the Medical Education Partnership Initiative (MEPI)

Course Coordinators: Rockefeller Oteng, Richard Redman, Sue Anne Bell, Nathan Brouwer

dScribes: Anudeep Mukkamala, Matthew Simpson, Trisha Paul, Jade Cheng

Viewer discretion is advised: The educational content contained herein may include medical images that non-health professionals may find disturbing.

This resource is in progress. New lectures are added every month. Check back for new materials.

Keywords: emergency medicine trauma trauma care trauma management

#### Syllabus

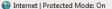
The Ghana Emergency Medicine Collaborative includes intensive team training for medical students, nurses, and

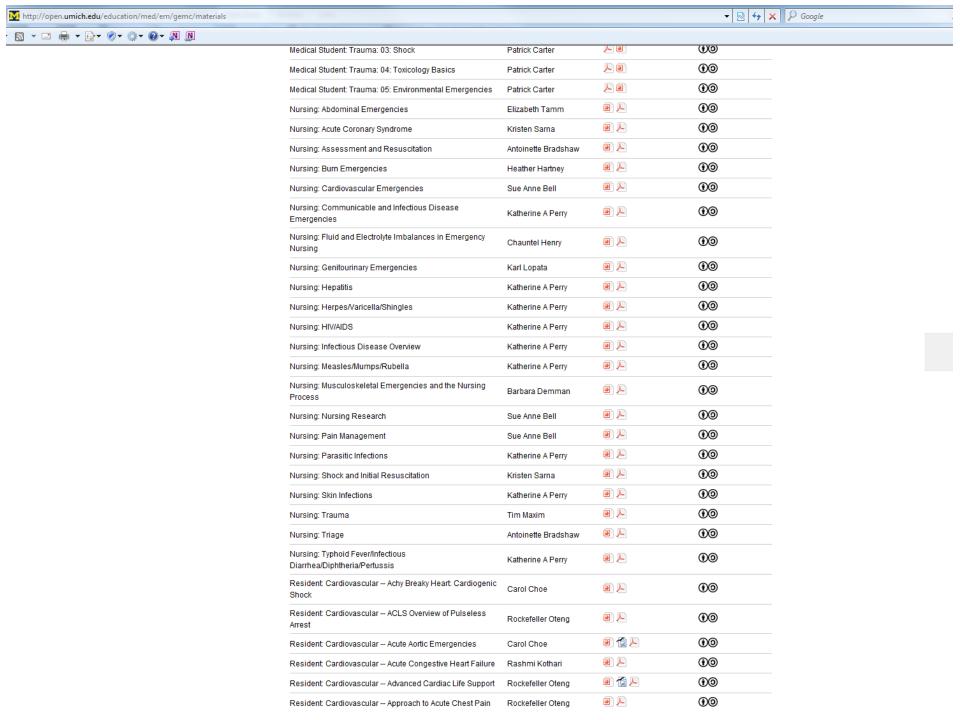
The medical student training is facilitated as a clinical rotation to prepare physicians for emergency care they may need to provide in their service at district hospitals.

The nursing program is a one-year module-based curriculum and offers a diploma in Emergency Medicine upon completion.

The residency curriculum lasts three years and includes the following:

- · Core Lectures
  - Cardiovascular
  - Dermatology
  - · Emergency Medical Services
  - Endocrine/Metabolic





• These lectures are currently being used and adapted for Emergency Medicine education in West Africa and throughout the world.









• Please contact us if you are interested in learning more about our experiences in OER, or if you are interested in donating or developing lectures that can be used in the Ghana Emergency Medicine Collaborative.







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