

## Global Health – Ethiopia Elective Curriculum

**Title of Clerkship:** Global Health – Addis Ababa, Ethiopia Student Elective Clerkship

**Elective Type:** Fourth-Year Elective Clerkship

**UT Department(s):** Emergency Medicine

**International Department/  
Clerkships:**

- Emergency Medicine
- Other specialties available upon request -  
Pediatrics  
Internal Medicine/Infectious Disease  
Obstetrics and Gynecology  
General Surgery

**Clerkship Site:** Addis Ababa, Ethiopia, Black Lion Hospital

**Course Number:**

**Blocks available:** Potentially any 4<sup>th</sup> year block, but **students must get necessary approvals PRIOR TO enrolling. Please see “Special Requirements” section below.**

**Number of students per block:** 2 - 4

**UT Faculty:** Kris Brickman, M.D.

**International Faculty:** Dawit Desalegne, M.D., Associate Dean for Undergraduate Studies (Supervisor for all medical student rotations)

Dereje Guillilat, Dean, School of Medicine, e-mail: [dereje00@yahoo.com](mailto:dereje00@yahoo.com)

Sara Haile, International Relations Officer, Addis Ababa University School of Medicine, e-mail, [sara\\_haile09@yahoo.com](mailto:sara_haile09@yahoo.com)

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Sister Yalemwork, additional local contact for housing and transportation, e-mail: [addisbnb@ethionet.et](mailto:addisbnb@ethionet.et), phone: (251-911)45 66 62.

Melia Sesay, Education Coordinator, Black Lion Hospital

**Elective Description/Requirements:**

This elective clerkship will enable fourth-year medical students to gain four to eight weeks clinical experience in both inpatient and outpatient clinical settings at Black Lion Hospital, Addis Ababa University, Addis Ababa, Ethiopia. The students will live in an apartment/dormitory facilities within walking distance of the hospital. An additional alternative may be an opportunity to stay with one of the faculty members who will be responsible for transportation both to and from the hospital daily.

Students will have the opportunity to work with attending physicians in a variety of specialties including Emergency Medicine, Internal Medicine, Infectious Disease, Orthopedics Surgery, Pediatrics, Obstetrics and Gynecology, General Surgery and other medical/surgical specialties.

The student's clinical experience will focus on primarily one of the above areas based on the student's interest and availability of supervised service in that specialty. Student will be expected to manage a variety of problems. Specifically the student will learn to integrate the knowledge of clinical disease entities, both medical and surgical. These disease entities will include but are not limited to; trauma and acute surgical disease, oncology, cardiology/acute coronary disease, pulmonary disease/acute infectious disease entities, acute neurology emergencies, gastrointestinal disorders, endocrinology and renal/urologic disorders.

**Length of Clerkship:** Four Weeks, including travel approximately 4 days of travel to and from Addis Ababa, Ethiopia.

**Links to EPOs: Educational Course Objectives (ECOs):**

K12, K13, K14, K15, K16, S8, S9, P6, P7	1. Describe the institutional mission of Addis Ababa University and Black Lion Hospital and relate it to the breadth and depth of medical care provided. Include the size of the catchment area served by this tertiary care hospital.
K3, K6, K7, K8, K9, K10, K12, K13, K14, K15, S2, S8, S9, S10, S11, P5, P6, P7	2. Discuss the impact of the three leading types of cancer on (a) the local, urban population served by Black Lion Hospital and Addis Ababa University, (b) prevalence throughout Africa, and (c) the population in and around Addis Ababa, Ethiopia. Include prevalence, societal productivity / economic impact, mortality and any major public health initiatives currently underway to address the underlying etiologies or access to treatment.

K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, P1, P2, P3, P4, P5, P6, P7	3. Discuss the clinical assessment, diagnostic testing and recommended treatment of an individual brought to Black Lion Hospital's Emergency Department with acute abdominal pain. Include the various factors to be considered in the allocation of potentially scarce clinical resources.
K9, K10, K11, K12, K13, K14, K15, K16, S2, P1, P2, P3, P4, P5, P6, P7	4. Discuss the similarities and differences between delivery of acute clinical care at UTMC and Black Lion Hospital. Explain the degree to which physicians have autonomy in deciding which course of treatment to pursue, as well as the impact of an individual's ability to pay (for medical services) on the type of treatment provided?
K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, P3, P5, P6, P7	5. Describe the three most common infectious diseases seen at Black Lion Hospital and the pathogenesis, differential diagnosis, assessment and recommended treatment for each. Include similarities and differences in diagnostic assessment and treatment of the most common infections encountered at UTMC. Discuss how the concept of "public health" influences treatment decisions at both institutions.
K12, K13, K14, K15, K16, S8, S9, S11, P6, P7	6. Compare the "typical" worldview of someone from Addis Ababa, Ethiopia with that of someone born and raised in Toledo, Ohio. Discuss differences in the understanding of "health and wellness" vs. "disease and illness", and explain how these differences impact the delivery of medical care in both locations.
K3, K9, K10, K11, K12, K13, K16, S1, S2, S9, P1, P2, P5, P6	7. Describe the cultural differences in the physician/patient relationship in Ethiopia compared to the United States and outline the medical ethics issues that face Ethiopia that may interfere with optimal overall patient care. Incorporate both patient and physician perception to the rapidly changing health care landscape as it relates to these medical ethics issues.
K5, K6, K7, K10, K11, K13, K14, K15, S2, S7, S8, S11, P3, P7	8. Identify the similarities of Ethiopian and American health care systems as well as the disparities that currently exist. Define the obstacles that exist that may limit health care development in selected areas of deficiency.

**Professionalism:** UT COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives (EPOs) and the current Educational Course Objectives (ECOs) for the sponsoring departments.

**Instructional Methods:**

- Case write-ups
- Clinical case presentations / discussions
- Diagnostic tests – use / interpretation
- Independent study
- Inpatient rounds
- Interpretation of lab data
- Mentored clinical practice
- Teaching rounds

**Evaluation Methods Employed:**

- Attendance
- Case presentation
- Case write-up
- Clinical log
- Faculty observation and assessment of clinical skills
- Narrative
- Reflective paper
- Self-assessment
- Formal Presentation

**Prerequisites:** Successful completion of all third-year required clerkships

**Clerkship Director:** Kris Brickman, M.D.

**Clerkship Coordinator:** Pamela Woznicki

**Phone Number:** 419-383-6330

**Email:** Pamela.Woznicki@utoledo.edu

**Special Requirements:****Special Requirements:**

**Students participating in this elective will need to fulfill ALL requirements set forth by the UT COM International Travel Committee and gain approval from that body (a) PRIOR TO enrolling in this elective, and (b) at least four months prior to anticipated departure from the U.S.**

Each student will be responsible for securing funding for his/her own air transportation to Ethiopia and other costs associated with travel between the U.S. and Ethiopia. Passport and visa are required for Ethiopia. You will have no problem with language issues as virtually all faculty and hospital will speak English fluently.

Students will have telephone service through their cell phones but will require prior conversion for international travel to Ethiopia. Also telephone cards can be used for international calls as well as calls within the Ethiopia. Internet access will be available in Ethiopia and students are

advised to take their own laptops with them for this rotation. All costs and expenses though for telephone usage, long distance service and internet use will be the responsibility of the student.

A formal orientation will be provided through the Office of Global Health on the Health Science Campus. Students will be required to attend these orientation sessions to gain an understanding of their rotation, the cultural issues of the Ethiopia and the similarities and differences in clinical practice as it pertains to Black Lion Hospital and their specific rotation. Video-conferencing (e.g. via Skype) with key medical and institutional leaders from Black Lion Hospital will occur as necessary prior to the commencement of travel to complete this orientation process. There will be weekly contact with students and the Office of Global Health while all students are on International rotations abroad. Discussions with the International liaison at Black Lion Hospital and the University of Toledo coordinator in the Office of Global Health will occur at least twice monthly to review the student's rotation. These updates are to assure appropriate completion of program goals and objectives and to maintain ongoing communication between the program supervisor at Addis Ababa University and Sara Haile, the International Coordinator of student rotations for the UT students in Addis Ababa, Black Lion Hospital.

### **AAMC Hot Topics Addressed in this Elective Clerkship:**

#### **General Hot Topics**

- Biostatistics
- Clinical pathology
- Clinical problem solving / decision making
- Communication skills
- Community health
- Cultural diversity / multi-cultural medicine
- End-of-life care
- Epidemiology / population-based medicine
- Evidence-based medicine
- Family violence / abuse
- Geriatrics
- Health disparities
- Health care financing
- Health care systems
- Human development / life cycle
- Human sexuality
- Medical ethics
- Medical socioeconomics
- Nutrition
- Occupational health / medicine

- Pain management
- Palliative care
- Patient health education
- Prevention and health maintenance / preventive medicine
- Rehabilitation / care of disabled
- Substance abuse
- Women's health

### **Hot Topics Related to Clinical Prevention and Population Health**

- Counseling for health risk reduction
- Disease screening tests
- Environmental health
- Health determinants
- Health policy development processes
- Health services financing
- Health surveillance strategies
- Health care workforce
- Immunization
- Public health systems

### **Additional Hot Topics**

- Health literacy
- Racial / ethnic demographics of illness