TITLE: Global and Disaster Medicine

COURSE NO.: SOMN 725

DEPARTMENT: Global Health

DURATION: 2 semesters

DIRECTOR: Dr. Paul Rega

SEMESTERS AVAILABLE: Fall and Spring

NUMBER OF STUDENTS: Maximum 50

LOCATION: On campus, lecture halls, II Simulation Center

COORDINATOR: Dr. Brian Fink,

FACULTY: Dr. Paul Rega

GENERAL DESCRIPTION: The purpose of the course is to bring exposure and training experience to conditions and diseases that are specific to disaster relief, and medical conditions that are no longer common in the United States, but future physicians may be exposed to in their travels or through returning travelers.

EDUCATIONAL OBJECTIVES:
1. Demonstrate how to prioritize treatments in a patient with an acute illness of a rare, unknown identity. (EPO K9)
2. Describe the role of Public Health and the spread of rare, tropical diseases brought to new areas by returning travelers. (EPO P7)
3. Apply the basic science knowledge gained in the pre-clinical years of medical education to a clinical situation to determine diagnosis, prognosis and treatment options and complications under the supervision of a physician. (EPO K10)
4. Demonstrate history taking skills with a focus on the role of environmental factors in the role of acquiring rare, to the USA, diseases. (EPO K13)
5. Describe the significance of social problems around the world and how they affect the health of the individuals in those situations, and as a population. (EPO K13)

METHODS OF TEACHING:
Dr. Rega, or a similarly trained physician, as well as staff members of the Simulation Center will walk students through clinical scenarios that pertain more to global health issues (for example, tropical diseases not seen frequently in the United States that still
pose large health problems elsewhere). This will occur on a monthly basis for approximately one hour and will allow students to enhance their patient interaction and history taking skills, as well as their clinical knowledge of diseases and their presentations.

Other events will also qualify towards elective credit as organized by the officers. These educational/teaching events may include documentaries on subjects pertaining to global health. Students may also obtain elective credit by participating in the Global Health Symposium hosted by UTCOM annually. Here they will learn about global health issues through lectures presented by global health leaders and also their peers. Submission of a brief reflection may be required after this event. Personal reflection and introspection also serves as a teaching tool and would be helpful for students to synthesize their newly gained knowledge and process their reaction to it.

METHODS OF EVALUATION
In order to receive credit for the course, students must complete 10 hours of activities from the opportunities associated with the student organization HEALL (Health Education Across Latitudes and Longitudes) or other approved activities including but not limited to:

- Events in the Simulation Center
- Verbal feedback is given to the group during these events by Dr. Rega.
- Sponsored Documentary screenings
- Participation in the Medical Reserve Corps. Of Northwest Ohio
- Attendance of the annual Global Missions Health Conference in Louisville, KY (annually held in Louisville and used for CME by many physicians).
  - Note that credit from attendance at the GMHC, or other approved conference or symposium will be capped at 2 hours worth of credit
- Presentation’s given on global health issues
- The 10 hours need to be completed during years 1 and 2 of medical education. A running spreadsheet based off of attendance lists will be kept by the club secretary and/or another club officer, to document each student’s progress towards the elective.

STUDENT FEEDBACK:
There will be a course evaluation survey at the end of the course.

LINKAGE TO EPOs:
See Educational objectives.

QUALITY ASSURANCE:
Ongoing feedback will be elicited from the students and faculty as the course proceeds. There will be a course evaluation survey at the end of the course.

PREREQUISITES: (if any): none