MDCOR 848: Uganda – Public Health

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Block 1	1	**Block 3**	1	**Block 5**	1	**Block 7**	1	**Block 9**	1
Block 1A		Block 3A		Block 5A		Block 7A		Block 9A	
Block 1B		Block 3B		Block 5B		Block 7B		Block 9B	
Block 2	1	**Block 4**	1	**Block 6**	1	**Block 8**	1	**Block 10**	1
Block 2A		Block 4A		Block 6A		Block 8A		Block 10A	
Block 2B		Block 4B		Block 6B		Block 8B		Block 10B	

Does this rotation accept visiting students? ☐ YES ☒ NO

COURSE DESCRIPTION:
This rotation is structured to give students a broad-based experience in development, organization, and implementation of Public Health Initiatives in the setting of the developing world. The student will become an integral part of the Public Health team at the Masindi-Kitara Medical Center (MKMC) in Masindi, Uganda, and will participate in public health community outreach as well as public health teaching and training within the medical center that serves a population of over 600,000 people. The student will work closely with the current and future United States Peace Corps members stationed at the medical center as well as participate in new public health opportunities through the United States Agency for International Development (USAID) Diagnostic and Public Health Center being constructed currently at MKMC. The student will also have the opportunity to participate in ongoing public health research as well as craft new research opportunities in both a public health and clinical setting (optional). Furthermore, should the rotation fall on one of the four annual Palmetto Medical Initiative (PMI) short-term mission weeks, the student may participate in remote mobile outreach clinics as well where they will have a specific pre-determined public health agenda and focus.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Demonstrate analysis, synthesis, and integration of pertinent public health data. (MK7, PL6)
2. Formulate a comprehensive, ordered public health intervention plan. (MK7, SL1, SL2, SL3, SL4)
3. Demonstrate an ability to build a positive, proactive relationships with patients. (PC5, CS1, CS2, CS3, PR1, PR3)
4. Demonstrate professional demeanor and ethical behavior. (PR1, PR2)
5. Demonstrate the ability to incorporate best medical practice into existing cultural beliefs. (MK8, PC5, CS2, PR3)
6. Apply knowledge of the pathophysiology, epidemiology, and natural history of public health issues specific to Sub-Saharan Africa. (MK4, PL3, PL6)
7. Demonstrate and apply knowledge of the epidemiology and natural history of public health management of patient populations. (MK7, PL3, PL6)
8. Present pertinent public health data gathered from research, current initiatives, and best practice to MKMC staff as well as public health patients. (PL3, PC5, IP3)
9. Demonstrate effective and professional interpersonal and communication skills in interactions with patients and families, including an awareness of psychosocial factors related to public health deficits. (PC5, CS1, CS2, PR1, PR3, SL2)
10. Identify public health knowledge deficits. Change future practices based on deficits. (PD2, PL1, PL6)
11. Demonstrate appreciation and collaboration with other members of the public health team including Peace Corps Staff, USAID Staff, nursing, and community leaders. (CS1, PR1, IP1, IP2, IP3, IP4)
12. Identify issues related to the cost-effectiveness of public health interventions. (PL6, SL1, SL2, SL4)

INSTRUCTIONAL METHODOLOGIES AND ROTATION ACTIVITIES: Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:
1. Lectures, discussion, public health project implementation.
2. Coordination with Peace Corps Workers, MKMC staff ,and local community leaders to assess effectiveness of public health interventions.
3. Attendance at weekly public health outreaches with Peace Corps and MKMC staff, as well as twice weekly public health teaching sessions at MKMC.
4. Attendance at a mandatory "mini-course" (usually 2-3 hours long) to cover important aspects of public health, global and travel medicine prior to travel.
5. Complete a 2- to 3-page paper on a public health issue addressed while on rotation.
6. Attendance at a mandatory lecture and debriefing meeting (2 hours) with course director within one week of returning from rotation.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with conditions from all organ systems, including:
1. Malaria, typhoid, and other tropical or infectious diseases common to the area
2. Chest pain, abdominal pain, diabetes, hypertension, cellulitis, trauma, and non-infectious diseases

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods.
1. Clinical Performance Evaluation.
2. Direct observation of public health presentation skills as evaluated by the attending physician.
3. Feedback and evaluation of writing assignment.
4. Active participation in group discussion as evaluated by the course director and public health staff.
5. Participation in the weekly public health didactic sessions as evaluated by the faculty as well as potential residents and Peace Corps workers.
6. The student will be required to present a public health case report or research topic of their choosing during one didactic session – duration of no more than five minutes – and will be evaluated by their peers, residents, and faculty present.
7. In order to continue to improve the rotation, you will be asked to critique both the course and the attendings, residents, and/or Peace Corps Volunteers with whom you worked within two weeks after the completion of the rotation.

Will students be expected to participate in call? ☐ YES ☒ NO

ADDITIONAL INFORMATION: This course requires the following
1. Approval by the COM Associate Dean for Curriculum – Clinical Sciences and the COM Selectives and Electives Committee. **Permission to participate in this elective may be denied or revoked after original permission is granted if for any reason concerns arise regarding safety or quality of the educational experience.**
2. Coordination of travel with the MUSC Center for Global Health and adherence to the MUSC International Travel Policy and restrictions, which includes:
   a. Registration of travel with International SOS, the university international travel assistance provider
   b. Completed Health and Safety Plan
   c. Completed International Travel Waiver
3. Completion of a separate application and waiver of liability prior to departure through OneWorld Health, which serves as host during the rotation. This can be found at www.oneworldhealth.com.
4. Vaccines are required for travel into Uganda; please see the CDC website on travelers' health and/or visit the MUSC Travel Medicine Clinic for more details.

Funding may be available to cover costs associated with this elective, please see your COM Deans Office representative for details.