FCE 3044 SIMULATION & CASE-BASED LEARNING FOR GLOBAL HEALTH PREPARATION  
Clinical | Pediatrics | Global Health

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Location  Interprofessional Center for Learning and Simulation (iCELS)
Day One Instructions  You will receive your schedule from Dr. Emilee Flynn or Dr. Rebecca Cook. The simulation center must be reserved far in advance, so prompt attendance is required at all sessions. If you have any questions about the elective don't hesitate to contact Emilee and Rebecca. Of note: Enrollment changes to this FCE may occur no later than two months previous to the start of the particular FE term.

FCE DESCRIPTION

This elective will employ simulation and case-based learning to increase student’s knowledge of diseases and resources in caring for pediatric patients in global health settings. Students will attend four sessions with 2 cases/session. Many of the cases are being taken and adapted from the Simulation Use for Global Away Rotations (SUGAR) curriculum which has been successfully piloted in seven pediatric residency programs across the country and now is available as an open-source medical education curriculum. These cases will be tailored down for the medical student level of clinical knowledge and skills. Cases are designed to not only improve medical knowledge and procedural skills that are useful in resource-limited settings but also allow students to experience common emotions and challenges in providing care with limited resources and begin to explore adaptive ways to handle such experiences. Simulation sessions will be run by the pediatric global health fellows and faculty. Residents and nurses interested in global health may also participate or assist in running the simulations but for the FCE, the focus of the session will always be on the medical students. Students will participate in case-based session on global health ethics. Students will also meet one-on-one with global health fellows to discuss their goals/aspirations in global health for mentoring in planning global health experiences.

Over the week students will have four simulation sessions with a total of eight cases, participate in an ethics case discussion, attend a one-on-one meeting with instructor, as well as attendance in Global Health Fellows weekly seminar. These simulation cases are designed to help prepare you for global health experiences during medical school and beyond.

FCE LEARNING OBJECTIVES

By the end of this session, students will...
- Correctly identify common conditions seen in children in low and middle income countries
- Develop basic skills useful for clinical work in resource-limited settings
- Experience common emotions working in resource-limited settings
- Demonstrate increased awareness of ethical issues involved in short-term global health experiences
- Identify adaptive strategies to overcome challenges
UMMS Competencies: Communicator | Person | Problem Solver | Professional
Inter-disciplinary: Pediatrics | Global Health | Ethics
Evaluation Type: Attendance | Effort | Participation | Reflection
Evaluation Explanation: Completion of end-of-session survey will be 20% of evaluation - 10% for completing and 10% for quality of self-reflection