

Title of Clerkship: Elective in Antimicrobial Stewardship & Vaccinations in Pediatrics – Rocket Pediatrics, Mercy Children’s Hospital & Toledo Children’s Hospital

Elective Type: Fourth Year Elective
Department: Pediatrics

Clerkship Site: St Vincent Mercy Children’s Hospital Medical Outpatient Building 2 Suite 2300

Course Number:

Blocks available: All – permission required

Number of students per block: 1

Faculty: Deepa Mukundan, MD - 419.251.8039 ph 251-7715 fax

Elective Description/ Requirements: The student will be taught about the appropriate use of antimicrobials and antimicrobial resistance. The student will gain clinical skills on the management of antimicrobial therapy in the inpatient and outpatient setting. The student will develop an understanding on the use of vaccinations in children and adolescents. This elective should be of considerable practical value to the student planning a career in both primary care and sub-specialty care.

Length of Clerkship: 2 weeks

Links to EPOs **Educational Course Objectives:**

MK7, MK9, MK12, SBP3 Explain the rationale for use of vaccines in children and adolescents.

MK5, MK6 Discuss the use of antibiotic agents based on disease presentation.

PC7, PC8 Develop an appropriate antibiotic management plan for infectious disease presentations in pediatric patients in the inpatient and outpatient setting.

MK2-5, PC1-2, PC4, PC7-8 Give appropriate clinical presentations for patients consulted on the pediatric infectious disease service.

S7, S8 Interpret laboratory data to determine the best antimicrobial therapy for a patient.

Professionalism: PB1-8 UT/COM students will meet or exceed the institutional standards for professionalism.

- Instructional Methods:**
1. Ambulatory Care Experience
 2. Clinical case presentations/discussions
 3. Inpatient rounds
 4. Interpretation of lab data
 5. Lab - Microbiology

- Evaluation methods employed:**
1. Attendance
 2. Faculty/Resident observation and assessment of clinical skills
 3. Clinical log

Prerequisites: Successful completion of required third year Pediatric clerkship.

Clerkship Director: Deepa Mukundan, MD

Clerkship Coordinator: Tyrone Layson
Phone Number: 419-291-0158
Email: Tyrone.layson@utoledo.edu

Special Requirements: None

- AAMC Hot Topics Addressed in this Elective Clerkship:**
4. Clinical Microbiology
 5. Clinical Problem Solving/Decision Making
 7. Community Health
 27. Patient Health Education
 38. Environmental Health
 46. Immunization