

Rob Owens

**Maine Medical Center
PHP 593 - 594**

Infectious Disease Rotation (Offered Based on Time Availability)

Objectives:

Student is expected to be present at the hospital from 7AM to 7PM.

Student will perform rounds with antibiotic stewardship program.

Student will perform supervised literature searches, retrieve and copy literature obtained from library sources.

Student will make 3 oral presentations, and 3 comprehensive drug or disease state written reviews.

Student will complete a comprehensive written examination at the end of the rotation

Students expected hours for rotation: 7AM-7PM, those who are not able to maintain these hours will not pass this rotation.

Student must be proficient in basic microbiology and antimicrobial pharmacology as these will not be taught, students will be expected to have reviewed this so that experiential training may take place with this experiential rotation.

- **Student will learn basic therapeutic concepts as they relate to antimicrobial therapy of common infectious diseases.**
- **Student will learn practical application of drug dosing and level interpretation for those agents requiring therapeutic drug monitoring.**
- **Student will learn how to minimize the potential for adverse events associated with antimicrobial therapy.**
- **Active participation in multidisciplinary rounding will give the student experience with professional communication, both written and oral.**
- **Student will learn practical application of basic science, pathophysiology, anti-infective pharmacology including pharmacodynamic principles, and microbiology.**
-