

Infectious Diseases

ME 245.99

General Information

COURSE CHAIR: Jonathan Grein, MD

STUDENT COORDINATOR'S CONTACT INFORMATION:

PHONE: 310-423-5161 ***EMAIL:** GroupMedicineEducationAdmin@cshs.org

STUDENTS/PERIOD: Max: two Min: one

DURATION: Three weeks

Please visit our [VSLO](#) catalog for dates and to submit your application.

Description

This elective will expose students to a wide variety of inpatient infectious disease patient cases as well as some outpatient HIV and other infectious disease patients. Students will actively participate in all aspects of ID consult service.

Course Objectives

- Knowledge of major problems and diseases: HIV/AIDS, community, pneumonia, endocarditis, bacteremia, central nervous system, urinary tract infections, soft tissue and intra-abdominal infections, and fever of unknown origin.
- Clear history taking and physical examinations.
- Knowledge of basic use of laboratory techniques in presumptive and definitive diagnosis stains, smears, cultures, and serologic tests.
- Knowledge of up-to-date, non-invasive techniques for diagnosis-radiation, magnetic resonance and computer tomographic scans, and echosonography as related to infectious diseases; appropriate use of these procedures for drainage.
- Knowledge of choice and use of appropriate antimicrobial agents, including appropriate use of serum level determinations.
- Increased proficiency in collection, analysis, and presentation of data, especially in consultative format.
- Working knowledge of how to best interface with the clinical microbiology laboratory.

Student Experiences

COMMON PROBLEMS/DISEASES:

- Infections in HIV/AIDS
- Bacteremia
- Fever of uncertain origin
- Pneumonia
- Soft tissue infection
- Central nervous system infection
- Infection in compromised host
- Hospital acquired infection

INPATIENT: 100%

OUTPATIENT: 0%

CONSULTATION: 100%

PRIMARY CARE: 0%

CLOSE CONTACT WITH:

- Full-time faculty
- Clinical faculty
- Fellows
- Residents
- Interns
- Microbiologists in Clinical Microbiology

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Typical Schedule

Approx. # of Patients Evaluated/Week by Student	2-3
Approx. # of Patients Eval./Each Week by Service	15
Typical Monday	8am - Noon: Work Rounds (with ID Fellow) 12 - 1pm: Grand Rounds or Pulm/ID Conference 1pm - 3pm: Attending Rounds
Typical Tuesday	8am - Noon: Work Rounds (with ID Fellow) 1pm - 3pm: Attending Rounds
Typical Wednesday	8am - Noon: Work Rounds (with ID Fellow) 1pm - 3pm: Attending Rounds
Typical Thursday	8am - Noon: Work Rounds (with ID Fellow) 1pm - 2pm: Peds/Adult/MFM ID Conference 2pm - 4pm: Attending Rounds
Typical Friday	8am - 9am: Grand Rounds 9am - 11am: Work Rounds (with ID Fellow) 11am - noon: Microbiology Plate Rounds Noon - 1pm: ID Conference 1pm - 3pm: Attending Rounds
On-Call Schedule	NONE
Weekend Activities	NONE
Additional Comments/Special Requirements	Clinical Research Programs include evaluation of new antimicrobial agents (antifungals, anti-pneumocystis, anti-HIV), clinical reviews of specific diseases.