Medical Education Concentration, Clinical Scholars Track
UCLA Multi-Campus Infectious Diseases Fellowship Program

Introduction: The medical education concentration is designed for fellows who desire a career working at an academic medical center providing a combination of clinical care and medical education with medical students, residents, and/or fellows. Upon entry into the program, individuals with a medical education concentration will develop a mentorship committee from within the Division of Infectious Diseases and will work with this group of individuals to design one or more longitudinal scholarly activities in medical education.

Faculty Director(s): Tara Vijayan, MD, MPH

Objectives: This concentration aims to promote excellence in the following areas:

1) Curriculum development and delivery
2) Evaluation and assessment
3) Education technology and innovation

Fellows will choose a specific area of interest (ie, global health, underserved medicine, antimicrobial stewardship, HIV primary care, etc) and develop a project in consultation with the concentration directors. Fellows electing this concentration are also strongly encouraged to pursue teaching experience within the School of Medicine and/or Internal Medicine Residency Program. Skills obtained through this concentration will include:

- Lecturing and preparing effective PowerPoint Presentations
- Facilitating a small-group discussion
- Tutoring and counseling other students
- Applying the latest educational technology to improve instruction
- Developing a curriculum
- Creating case-based learning materials
- Evaluating the clinical performance and medical knowledge of trainees
- Utilizing evaluation strategies to assess teaching effectiveness
- Assessing strategies to help with remediation

Track Requirements:

The first year of fellowship will be the same for all clinical fellows. Fellows will identify a group of mentors (in addition to having the faculty director as their lead mentor) and design a project during this year.

In the second year of fellowship, fellows will perform required inpatient clinical rotations as well as:

1) Serve as a Problem Based Learning tutor during Block 6 (Infectious Disease Course) for 2nd year medical students (Aug-Sept)
2) Teach case-based lecture(s) during Block 6
3) Meet 1-2 times a month with concentration directors to assess project development
4) Participate in the Medical Education Fellowship run by the School of Medicine (optional, but recommended)
5) Present project at a national meeting (ID Week)

Examples of scholarly projects that are in process or have been completed:

- “Using Nuclear Medicine Wisely in Infectious Diseases” (published in OFID)
• 2017 ID week abstract: Flipping Expectations: Are Active Learning Strategies Sufficient or Necessary To Teach Principles of Antimicrobial Stewardship in Medical School?
• Redesign of antimicrobial stewardship curriculum in MS II infectious disease course

Examples of scholarly projects that can be considered:

• Develop a curriculum module or workshop, teach the material, and evaluate the curriculum. Once the curriculum module has been completed, the fellow presents their curriculum design, implementation and evaluation to the Division of Infectious Diseases. Examples of specific curriculum opportunities include:
  1) Develop a curriculum in social determinants of health for medical students (as it pertains to infectious diseases)
  2) Pilot newer ways of classroom teaching (flipped classroom, team based learning) for the second-year medical student infectious disease curriculum (Block 6)
  3) Develop an HIV primary care curriculum for internal medicine residents
  4) Develop an ambulatory infectious disease curriculum for medical students or residents
  5) Develop an infectious disease CME course for physicians in various other departments

• Undertake an evaluation project related to the effectiveness of a curriculum component, or conduct a study of the effectiveness of one or more elements of a curriculum.
• Conduct a systematic review of select topic in medical education
• Conduct a systematic review of a topic in clinical infectious disease

Contact Information: For questions or more information, please contact Dr. Vijayan at tvijayan@mednet.ucla.edu