

RS 22 Nov 2017

## RESEARCH ROTATIONS

### Overview

During the junior and senior infectious diseases fellowship years, the fellow spends designated time pursuing research and scholarly activity with the goal of completing a research project for poster presentation at a national meeting and/or manuscript preparation for publication in a peer reviewed journal. Additional to this mentored research activity is the fellow's participation in monthly division research conferences, the university's "biostatistics and clinical research course", the university's "science of clinical research course", the NCI online "human participant education for research course" in human subjects protection, university HIPPA course for research and participation in sponsor conducted site evaluations and research project initiation visits.

### Goals

To participate in mentored scholarly activity consisting of at least one of the following:

1. The scholarship of discovery, as evidenced by the planning (study design and/or the preparation of IRB applications, animal research protocols, or a grant application) or conduction of original clinical or basic research
2. The scholarship of dissemination as evidenced by preparation and publication of original or review scientific abstracts or articles, or the publication of chapters in textbooks.

### Objectives

To teach and foster self-learning and/or academic growth through at least one of the following avenues:

#### Patient Care

- Demonstrate clinical evaluations of patients enrolled in clinical trials;
- Complete a course in human subjects protection in clinical trials

#### Medical Knowledge

- Conduct supervised bench research;
- Prepare an original scientific (basic investigation) or clinical manuscript, or participate in the preparation of a scholarly review;

#### Practice-Based Learning and Improvement

- Analyze original clinical data (chart reviews, patient interviews);
- Prepare an original scientific (basic investigation) or clinical manuscript, or participate in the preparation of a scholarly review

### Interpersonal Skills and Communication

- Demonstrate the objective administration of a research informed consent to patients and families
- Demonstrate sensitive and effective communication with patients and families from diverse ethnic and socioeconomic backgrounds;
- Communicate effectively with other members of the health care team to ensure that the research plan is understood;

### Professionalism

- Demonstrate professional interactions with patients, families, colleagues and all members of the health care team.

### **Methods of achieving objectives**

- The conduction of clinical evaluations of patients enrolled in clinical trials under the supervision of Faculty Preceptor
- The conduction of supervised bench research under the supervision of Faculty Preceptor
- The assimilation or analysis of original clinical data (chart reviews, patient interviews) and the preparation of an original scientific (basic investigation) or clinical manuscript, or the direct participation in the preparation of a scholarly review under the supervision of Faculty Preceptor

### **Assessment tools**

- Faculty monitoring of infectious diseases subspecialty resident's conduction of clinical evaluations of patients enrolled in clinical trials
- Faculty monitoring of infectious diseases subspecialty resident's interaction with patients and other health care team members
- Faculty critique of infectious diseases subspecialty resident's assimilation or analysis of original clinical data (chart reviews, patient interviews) and the preparation of an original scientific (basic investigation) or clinical manuscript
- Faculty monitoring of infectious diseases subspecialty resident's self-directed learning efforts
- Faculty determination of whether infectious diseases subspecialty resident's has met the objectives detailed above.

### **Evaluation process**

- Faculty and infectious diseases subspecialty resident review the goals and objectives at the beginning of the fellowship year. The infectious diseases subspecialty resident will sign an attestation statement verifying review of the goals and objectives
- Verbal feedback throughout and at the completion of the fellowship from the PD
- Resident signs attestation statement verifying review of evaluation activity
- Evidence of participation in university biostatistics and research courses.
- Evidence of having completed NCI human subjects protection course and HIPPA research courses.
- Formal production by the infectious diseases subspecialty resident of an abstract for submission to a national conference and/or a manuscript prepared and submitted for publication to a peer reviewed journal.