



Medical Student Research Fellowship Program

Preceptors:

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Purpose:

The purpose of the summer research fellowship program is to gain exposure to the environment of scholarly activity necessary in a community-based, teaching hospital. This includes awareness of research and quality improvement initiatives and requirements. In addition to participating in hospital meetings and committees, the learner will shadow in various clinical areas to better understand the research and quality improvement opportunities available in the various clinical units.

Length:

The 6-week fellowship will be offered with start and end dates listed on the website, updated each year.

Stipend:

\$1,200.00, paid in two installments: \$600 paid following completion of week 2; \$600 paid at end of fellowship experience.

Housing:

If needed, free housing is provided in the medical student housing complex.

Fellow Requirements:

Participant must be a medical student in good standing with an accredited medical school and have successfully completed the first year of medical school. The selected student must apply online and provide documentation of required immunizations.

Orientation:

Participant must complete the Experiential Learning Guidelines and Safety Information form. This document outlines the responsibilities and expectations of experiential learners. A review of this document will also occur during the first day orientation. The following items will also be reviewed in detail:

- EMR, as necessary for research projects
- Protocol builder
- Applicable departmental documents
- Research resources found on website
- Meetings/Committees
- Shadowing - clinical shadowing experiences can be completed in Internal Medicine, General Surgery, Orthopedic Surgery, Emergency Medicine, Family Medicine, or other area of interest.

Overview of Research Fellowship:

The Research Fellow will complete several CITI modules to kick off their fellowship with a broad understanding of research concepts such as human subjects training, laws & ethics, and research methods. If a Fellow already has CITI training completed with their affiliated medical school, we will ensure completion of the affiliation with the WRH delegated IRB, LECOM-LCAE.

Fellows will be asked to participate at various capacities in ongoing research projects. This includes conducting literature reviews, initial research, data collection potentially forming your own original research. Fellows will work closely with our Research Coordinator, members of our research committee, medical staff, faculty and residents. Templates and resources for getting started with research will be provided to help you get the most out of your six weeks with us.

Skills and knowledge gained throughout this fellowship may include understanding of research policies & procedures, formulation of protocols, data collection & Analysis, IRB submission, and the publication process. We will provide opportunities for shadowing residents and faculty that reflect the fellow's interests.

Meetings:

Fellows will attend various meetings relating to research, quality, healthcare administration and safety topics. Interested fellows can also sit in on cancer conference and morbidity & mortality committee. Fellows will be assigned to shadowing experiences with interested specialties each Friday.

Capstone Project:

Each fellow will be assigned to participate in any original or ongoing QI or research project. It is expected that the participant follows all established protocols / policies through Western Reserve Hospital and the fellow's medical school.

Schedule:

Outlook Calendar (shared with preceptor)

Note: Details to the calendar may be changed at any time due to personnel needs or room availability. It is recommended that the QI Fellow check the calendar daily for the most up to date information.

Modules:

During the initial week of the experience, the Fellow will be assigned modules to complete. Please follow your calendar of scheduled assignments to complete the modules.

CITI:

- Fellows are REQUIRED to affiliate with Lake Erie College of Osteopathic Medicine Consortium for Academic Excellence (LECOM-LCAE), regardless of any prior affiliations. The following modules are required:
 - Human Subjects Research (HSR)
 - Good Clinical Practice (GCP)
 - Research Study Design (RSD)

Protocol Builder:

- Review the [Protocol Builder User Guide](#)
- Complete the Protocol Builder [Introductory User Training](#)