

MEDICAL EDUCATION TRACK: CAPSTONE PROJECTS

Target: PGY 3
Updated May 2023

A. OVERVIEW

Each Medical Education Track participant will work on a Capstone Project that will culminate in a presentation at the local, regional, or national level. This project is aimed to help participants demonstrate the skills and knowledge attained during the Medical Education Track curricula using critical thinking and deeper analytics. Each participant will be paired with a faculty mentor at the start of the Medical Education Track. Mentors and participants will work together to identify an appropriate capstone project and formulate a plan for the research and design of the project. Participants and mentors will also work with the Program Directors to decide the best venue to present each project. Capstone projects may fall into three major categories listed below.

B. CAPSTONE PROJECT CATEGORIES

1. Education Innovation

Examples:

- Creation of a new tool to enhance formative feedback on inpatient or ambulatory rotations
- Development of a point-of-care ultrasound curriculum
- Development of sub-specialty-based interactive educational module (e.g. ICU)
- Enhancement of current curricula using multimedia or information technology

2. Education Research

Examples:

- Review of the literature on flipped classroom models in Graduate Medical Education
- Correlation of 4th year medical school courses and performance in internship

3. Quality Improvement

Examples:

- Increasing resident completion rates of duty hours or faculty evaluations
- Improving the quality or effectiveness of using teaching slide decks on inpatient teaching services in internship

C. PROJECT MENTORSHIP

The following faculty members available for mentorship for the Capstone Project:

Laxmi Suthar
Michael Rotblatt
Paul Salama
Vinhfield Ta

Gezman Abdullahi
Daniel Georgie
Kenneth Pettersen
Anthony Koppula

Joseph Hanna
Hoanglong Nguyen
Richard Tennant
Cody Dashiell-Earp