Clinical Informatics
ME 100.99

General Information

COURSE CHAIR: Pamela Roberts, PhD

STUDENT COORDINATOR’S CONTACT INFORMATION:
PHONE: 310-423-5161 *EMAIL: Medicine Education Admin Team
GroupMedicineEducationAdmin@cshs.org

STUDENTS/PERIOD: Max: two  Min: one

DURATION: 1-2 weeks

Please visit our VSLO catalog for dates and to submit your application. This elective is also offered by arrangement and can be coordinated with students’ schedule. Please contact the coordinator.

Requirement(s)

• USMLE Step 1

Description

Clinical informatics is a subspecialty of medicine that supports health care by analyzing, designing, implementing, and evaluating information and communication systems to improve patient care, enhance access to care, advance individual and population health outcomes, and strengthen the clinician-patient relationship.

Course Objectives

• Explore the integration of medicine and information technologies throughout the health system

• Identify areas in which clinical informatics can improve

• Awareness of clinical informatics governance

Student Experiences

COMMON PROBLEMS/DISEASES:

• Electronic health record adoption and usage

• Electronic health record user interface

• Patient-generated data

• Clinical decision support

• Use of how information systems and processes enhance or compromise the decision making and actions of health care team members

• Workflow analysis

• Strategies to support clinician users and promote clinician adoption of systems

• Utilize informatics tools and principles and how they can be applied to optimize provision of healthcare

• Exposure to Research Informatics

• Exposure to Informatics Governance