

# Clinical Informatics

ME 100.99

## General Information

**COURSE CHAIR:** Pamela Roberts, PhD and Joshua Pevnick, MD

**STUDENT COORDINATOR'S CONTACT INFORMATION:**

**PHONE:** 310-423-5161 \***EMAIL:** [GroupMedicineEducationAdmin@cshs.org](mailto:GroupMedicineEducationAdmin@cshs.org)

**STUDENTS/PERIOD:** Max: two Min: one

**DURATION:** 4 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 Transcript of Scores

## 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 care.
- 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



## Clinical Informatics

### Typical Schedule

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| Typical Monday                           | <p>8-9am: Informatics onboarding (Teams)</p> <p>9-10am: Informatics binder review</p> <p>10am-12pm: 1:1 w/ Christopher Libby, MD   Policy &amp; Regulation (Teams) 1-3pm: Informatics binder review</p> <p>3-4pm: Clinical Content Architecture Group (CCAG) (WebEx)</p> <p>4:30-5pm: EIS MD Huddle (Zoom)</p>  |
| Typical Tuesday                          | <p>8-9am: Informatics binder review</p> <p>9-11am: 1:1 w/ Gabriel Labbad, MD   History of Informatics (Teams)</p> <p>11am-12pm: Investigate HIMSS Site (industry/public policy) <a href="http://WWW.HIMSS.ORG">WWW.HIMSS.ORG</a></p> <p>1-3pm: JT FINNEL'S Book Board Review Intro (Part 1) &amp; CDS (Pgs. 111-134)</p> <p>3-5pm: 1:1 w/ Cameron Escovedo, MD   State of Clinical Informatics (Teams)</p>  |
| Typical Wednesday                        | <p>9-11am: 1:1 w/ Joshua Pevnick, MD   Intro to Informatics</p> <p>12-1pm: Division of Informatics - Grand Rounds (Zoom)</p> <p>1-2pm: 1:1 w/ Lisa Masson, MD   Tips &amp; Tricks (Teams)</p> <p>2-4pm: 1:1 w/ Alan Tomines, MD   Historical Context of EHR (Teams)</p> <p>4-5pm: Physician Informatics Monthly Session (PIMS) (Zoom)</p> <p>5-6pm: EIS MD Happy Hour</p>                                   |
| Typical Thursday                         | <p>8-10am: 1:1 w/ Lisa Masson, MD   Decision Science (Teams)</p> <p>10am-12pm: 1:1 w/ Gabriel Labbad, MD   Signal (Teams)</p> <p>1-2pm: 1:1 w/ Rohith Mohan , MD   Interoperability &amp; Data Standards (Teams)</p> <p>2-4pm: 1:1 w/ Cameron Escovedo, MD   Social Determinants (Teams) 4pm: Investigate AMIA's Site (research/education/public policy) <a href="http://WWW.AMIA.ORG">WWW.AMIA.ORG</a></p> |
| Typical Friday                           | <p>8-10am: 1:1 w/ Lisa Masson, MD   Physician Checklist (Teams)</p> <p>10am-12pm: 1:1 w/ Cameron Escovedo, MD   Clinical Workflow Analysis (Teams)</p> <p>1-3pm: 1:1 w/ Gabriel Labbad, MD   Epic Signal (Teams) 3-5pm: 1:1 w/ Christopher Libby, MD   CDS (Teams)</p>  |
| On-Call Schedule                         | N/A   |
| Weekend Activities                       | N/A   |
| Additional Comments/Special Requirements | NONE  |