

Clinical Informatics

ME 100.99

General Information

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

STUDENT COORDINATOR'S CONTACT INFORMATION:

EMAIL: groupclinicalinformatics@cshs.org

STUDENTS/PERIOD: Max: four 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.

Description

Clinical informatics 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
- Awareness 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
- Apply informatics tools and principles to optimize provision of healthcare
- Exposure to Research Informatics
- Exposure to Informatics Governance

Clinical Informatics

Typical Schedule

<p>Typical Monday</p>	<p>8-9am: Informatics onboarding (Teams)</p> <p>9-10am: Informatics binder review</p> <p>10am – 11am: 1:1 w/ Christopher Libby, MD Policy & Regulation (Teams) 1-3pm: Informatics binder review</p> <p>11am-12pm: Clinical Informatics Rotation 1:1 Dr/ Robert Jenders & I Clinical Decision Support (Teams)</p> <p>12pm-1pm: Lunch</p> <p>1pm-2pm: 1:1 w/ Keluo Yao, MD Pathology Informatics (Teams)</p> <p>2pm-3pm: 1:1 w/ Alan Tomines, MD Public Health Informatics (Teams)</p> <p>3-4pm: Order Set Working Group (OSWG) (Teams)</p> <p>4pm-5pm: Physician Optimization Prioritization (POP) (Teams)</p>
<p>Typical Tuesday</p>	<p>9am-10am: Informatics binder review</p> <p>10am-11am: 1:1 w/ Gabriel Labbad, MD History of Informatics (Teams)</p> <p>11-12pm: Informatics binder review</p> <p>12-1pm: Lunch</p> <p>1-2pm: 1:1 w/ Robert Jenders, MD, MD Health Information Technology Standards (Teams)</p> <p>2-3pm: Investigate HIMSS Site (industry/public policy)</p> <p>3-4pm: Clinical Informatics Rotation 1:1 Drs. Cameron Escovedo & I Workflow Analysis & Quality Improvement (Teams)</p> <p>4-5pm: Clinical Informatics Rotation: Early Involvement in Informatics w/ Drs Harsha Palakurty & Griffin Bullock (Teams)</p>
<p>Typical Wednesday</p>	<p>9am-10am: Informatics binder review</p> <p>10am-11am: 1:1 w/ Griffin Bullock, MD & Harsha Palakurty, MD Early Involvement in Informatics (Teams)</p> <p>11am-12pm: 1:1 w/ Ray Duncan, MD Interoperability (Teams)</p> <p>12pm-1pm: Lunch</p> <p>1pm-2pm: Investigate HIMSS Site (industry/public policy)</p> <p>2pm-3pm: 1:1 w/ Josh Pevnick, MD Intro to Informatics (Teams)</p> <p>3pm-4pm: Clinical Informatics Rotation 1:1 Drs. Lisa Masson & I Project Management (Teams)</p>

<p>Typical Thursday</p>	<p>8am-9am: 1:1 w/ Yaron Elad, MD Clinical Decision Support (Teams)</p> <p>9am-10am: Informatics binder review</p> <p>10am-11am: 1:1 w/ Christopher Libby, MD Governance (Teams)</p> <p>11am-12pm: Informatics binder review (Teams)</p> <p>12pm-1pm: Lunch</p> <p>1pm-2pm: 1:1 w/ Lisa Masson, MD The Perfect Note (Teams)</p> <p>2pm-3pm: Clinical Informatics Rotation 1:1 Drs. Robert Jenders & I Clinical Decision Support (Teams)</p> <p>3pm-4pm: Investigate HIMSS Site (industry/public policy)</p>
<p>Typical Friday</p>	<p>9am-10am: Informatics binder review</p> <p>10am-11am: 1:1 w/ Christopher Libby, MD Policy & Regulation (Teams)</p> <p>11am-12pm: Informatics binder review</p> <p>12pm-1pm: Lunch</p> <p>1pm-2pm: Clinical Informatics Rotation 1:1 Drs. Alan Tomines & I Public Health Informatics (Teams)</p> <p>2pm-3pm: Clinical Informatics Rotation 1:1 Drs. Gaby Labbad & I History of Informatics (Teams)</p> <p>3pm-4pm: Investigate HIMSS Site (industry/public policy)</p>
<p>On-Call Schedule</p>	<p>N/A</p>
<p>Weekend Activities</p>	<p>N/A</p>
<p>Additional Comments/Special Requirements</p>	<p>NONE</p>