

# 538 Senior Sub-Internship Surgery

This course is available to UC Irvine students only

<b>Elective at a Glance</b>		
<b>Available to:</b> [ x ] UCI MS3 students    [ x ] UCI MS4 students    [ ] Extramural Students		
<b>Duration:</b> 4 or 8 weeks	<b>Number of Students:</b> 1 per rotation	<b>Grading:</b> H / P / F
<b>Periods available:</b> The time of the course must be pre-approved by the elective director at least three months prior to the start of the course. No exceptions.		

## 1. Course Director, Coordinator and General Administrative Information

### FACULTY AND STAFF

<b>Name</b>	<b>Office Location</b>	<b>Phone</b>	<b>Email</b>
Course Director: Dr. Lourdes Swentek M.D.	200 Chapman Ave, Suite 6200, Orange, CA 92868	714-456-5532	<a href="mailto:lyrobles@hs.uci.edu">lyrobles@hs.uci.edu</a>
Course Coordinator: Staci Reichenecker	200 Chapman Ave, Suite 6200, Orange, CA 92868	714-456-5532	<a href="mailto:reichens@hs.uci.edu">reichens@hs.uci.edu</a>

### DESCRIPTION

Students spend four weeks as sub-interns during which they carry the full ward responsibility of an intern on one-half the number of patients usually carried by an intern. The sub-internship is designed to improve clinical competence and to prepare students for the challenges and demands of the internship. Students may choose between sub-internships in medicine, surgery, or pediatrics.

### PREREQUISITES

UC Irvine students must have successfully complete their basic science curriculum and the Surgery Core Clerkship. Extramural students must be in their last year of undergraduate education.

### RESTRICTIONS

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at UCI School of Medicine.

**COURSE DIRECTOR**

Dr. Lourdes Swentek

Staci Reichenecker is the course coordinator for the 538 course.

**Instructing Faculty:**

Ali Mahtabifard, M.D. (Thoracic @UCIMC)

Skandan Shanmugan, M.D. (CRS @UCIMC - Colon and Rectal Surgery)

Theresa Chin, M.D. (EGS @UCIMC - Emergency General Surgery)

Ninh Nguyen, M.D. (MIS @UCIMC – Minimally Invasive Surgery)

David Imagawa, M.D. (Green @UCIMC - Hepatobiliary)

Maheswari Senthil, M.D. (White @ UCIMC - Surgical Oncology)

Robert Redfield, M.D. (Transplant @ UCIMC)

Jeffrey Nahmias, M.D. (SICU/Trauma @ UCIMC)

Nii-Kabu Kabutey, M.D. (Red @ UCIMC – Vascular / Pink @ VA - Vascular)

Brian Smith, M.D. (Yellow @ VA - Minimally Invasive/Colorectal Surgery/General Surgery)

**Course Website:** None

**INFORMATION FOR THE FIRST DAY**

**Who to Report to on First Day:** Get Resident Rotation schedule from Staci Reichenecker [reichens@hs.uci.edu](mailto:reichens@hs.uci.edu), UC Irvine Medical Center Department of Surgery, 200 Chapman Ave, Suite 6200 Orange, CA 92868

**Location to Report on First Day:** Location where assigned – either UCIMC or LBVA

**Time to Report on First Day:** UCI students taking Pink or Yellow need to call Amir Hasan [amir.hasan@va.org](mailto:amir.hasan@va.org) approximately 4 weeks prior to their start date to submit paperwork. Contact Surgery Coordinator for resident rotation schedule to find team members.

**SITE:** UCI Medical Center – Douglas Hospital/Long Beach VA

**DURATION:** 4 or 8 weeks

**Scheduling Coordinator**

UCI students please email [comsched@hs.uci.edu](mailto:comsched@hs.uci.edu) to make a scheduling appointment. Please read the following information carefully. Any student enrolled at a U.S. LCME medical school will use VSAS to apply. To apply please refer to the [Visiting Student Learning Opportunities](#) website.

**Periods Available:** The time of the course must be pre-approved by the elective director at least three months prior to the start of the course. No exceptions.

**NUMBER OF STUDENTS ALLOWEDP:** 1 per rotation

**WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE**

Contact Medical Education coordinator two weeks prior to rotation. Review recommended reading.

**COMMUNICATION WITH FACULTY**

Questions about logistics should be directed to the course coordinator. Direct questions, comments, or concerns about the course can be directed to the course director. Contact information and office location are at the beginning of this document.

The course director is also available to meet in person. Please email [reichens@uci.edu](mailto:reichens@uci.edu) to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

SUBJECT: COURSE NAME, your last name, your issue (e.g. XXX, Smith, Request for appointment)

**2. Course Objectives and Program Objective Mapping**

The following are the learning objectives for the 538 course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

<b>Course Objective</b>	<b>Mapped UCI School of Medicine Program Objective</b>	<b>Sub Competency</b>	<b>Core Competency</b>
Skillfully conduct medical interviews and perform comprehensive physical examination of patients with utmost professionalism.	B-1. The ability to competently conduct a medical interview and counseling to take into account patient health beliefs, patient agenda, and the need for comprehensive medical and psychosocial assessment	Medical Interview	Skillful
	B-2. The ability to competently perform a complete and organ system-specific	Physical Exam	Skillful

	examination including a mental health status examination		
Use evidence-based medicine to conduct medical care in the highest standards of the UCI Medical Center’s mission statement.	B-4. The ability to search the medical literature, including electronic databases, and to locate and interpret up-to-date evidence to optimize patient care	Evidence-Based Medicine	Skillful
Learn and value the needs of the community and individual patients.	D-2. A commitment to patient care and to the well-being of patients and colleagues	Patient Care	Dutiful
	D-3. A commitment to serve our community	Community	Dutiful

**Attitudes and Commitments:**

Upon completion of the course:

- Students should have an increased confidence in assuming primary role in the care of the patient.
- To be able to utilize laboratory tests, radiology, and consultants to give care to the highest standards consistent with UCI Medical Center and College of medicine Mission and Value statement.
- Students should become more proficient in communication skills to aid in care of their patients.
- Students will understand professionalism in medicine.
- Internship like responsibilities, e.g. , primary workup of new patients, write orders, performs procedures, participates in daily care, takes night call, and writes notes.
- Assume a high level of patient care responsibility in preparation for residency.
- Strengthen their clinical and procedural skills
- Improve their ability to manage complex, acutely ill patients
- Learning to work as a team member
- Demonstrate commitment to the highest quality care.

**EDUCATIONAL ACTIVITIES**

An advanced course in general surgery in which the student is assigned to a general surgical service, becomes further experienced in skills of history taking and physical examination. He/she participates actively in the pre-operative evaluation, operative care and post operative management on the ward and in out-patient facilities. The

student also participates in case presentations and conferences at which a large variety of surgical problems are discussed. Special emphasis is placed on abdominal, colorectal, vascular, hepatobiliary/transplant and oncologic surgery. Morning rounds, outpatient clinic OR cases and small group discussion.

0600 - 0730	Morning Rounds
0830 - 1200	Outpatient Clinic
1300 - 1600	OR Cases
1600 - 1700	Small Group Discussion

**Four weeks in one of five surgical rotations:**

- Surgical Oncology
- Trauma/Critical Care
- Vascular
- Gastrointestinal/Minimally Invasive Surgery
- Hepatobiliary/Transplant

### 3. Course Resources

**TEXTS AND READINGS: SUGGESTED**

As assigned by instructor

**What Students should do to Prepare for the Rotation:** Review recommended reading.

**Clinical Responsibilities of the Student:** All aspects of patient care for Emergency Department, Out-Patient Clinic, ward and operating room as part of surgical team.

**Patient Care Responsibility:** All aspects of patient care for Emergency Department, Out-Patient Clinic, ward and operating room as part of surgical team.

**Call Schedule of the Student:** Every 4th night

**Procedures to be Learned by the Student:** Varies with rotation service.

**Percentage of Time Student will Participate in Ambulatory Setting:** 20%

**Conference/Lecture/Small Group Sessions:**

There is no standardized material; instruction is tailored to each student's interest and knowledge base.

**Course Hours Weekly Summary:**

5.0	Case Based
-----	------------

3.0	Conference
6.0	Clinic
1.0	Grand Rounds
1.0	Examination
10.0	Inpatient
2.0	Lecture
15.0	Operating Room
1.0	Review
1.0	Small Group
1.0	Tutorials
8.0	Ward Rounds
10.0	Other: reading, writing, journaling
64.0	Total

**Content Theme Integration:**

- Biostatistics
- Communication
- Community Health
- Death & Dying
- Decision Making
- Epidemiology
- Ethics
- Evidence Based Medicine
- Family violence
- Genetics & Genetic Counseling
- Geriatrics
- Health Care Systems
- Home Health Care
- Informatics
- Medical Jurisprudence
- Medical Socio-economics
- Multicultural Medicine
- Nutrition
- Occupational Health
- Pain Management
- Palliative Care
- Patient Health Education
- Research Methods
- Substance Abuse
- Women's Health

**Required Reading:** As assigned by instructor  
Recommended Reading: Current Surgical Therapy, Cameron

## 4. Major Exams, Assignments and Grading

### MANDATORY SESSIONS

N/A

### MAJOR ASSIGNMENTS AND EXAMS

There is no structured exam for this acting internship. Evaluations from faculty are major contributors to student grading.

### GRADING

N/A

#### Requirements for “Pass”:

To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

#### Requirements for “Honors”:

To receive a grade of Honors, students must demonstrate exceptional performance all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

**Grounds for “Incomplete”:** You will not be issued a grade until all elements of the course have been completed.

### REMEDIATION

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

**Grounds for “Fail”:** You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript.