2018-2019

Elective Catalog

Internal Medicine Residency
University of California, Irvine Medical Center
INTRODUCTION

This document outlines the various elective and research opportunities available to interns and residents.

For categorical interns/residents, per the 3+1 block scheduling, elective rotations occur every 3rd block, in between inpatient rotations; each resident will have 4-5 elective blocks over the course of the year. For preliminary interns, elective rotations are spaced out between inpatient rotations, with scheduling dependent on each individual schedule.

For categorical residents, these rotations are in addition to yearly required electives:

- **PGY-1**: Emergency Medicine, Palliative Care
- **PGY-2**: Neurology, Hematology/Oncology
- **PGY-3**: Geriatrics

Elective details are listed below, with brief descriptions and any special requirements or restrictions. Please contact one of the chief residents if you are interested in any elective noted as requiring special arrangement. A detailed curriculum for each rotation is available in the curriculum document and on the Program’s website. Please refer to these references for curriculum details.

All rotations occur at one of our three training sites (abbreviated below):

- **UCI**: UC Irvine Medical Center, Orange
- **LBVA**: Tibor Rubin Veterans Affairs Medical Center, Long Beach
- **LBMMC**: Long Beach Memorial Medical Center, Long Beach

If you have any questions regarding electives, including on availability or scheduling, please contact one of the chief residents or program director.
ALLERGY & IMMUNOLOGY

Allergy/Immunology Consults
SITES: UCI
Rotate through Allergy & Immunology clinics at the main UCI Medical Center, in Orange, and the Gottschalk Medical Plaza, in Irvine. Participate in consultation to inpatient services at the Medical Center.

Allergy/ENT Clinics
SITES: LBMMMC
Rotate through Allergy, Pulmonary and Otolaryngology clinics and the hospital Pulmonary Function Testing lab at the Long Beach Memorial Medical Center.

CARDIOLOGY

General Cardiology Consults
SITES: UCI, LBVA
Participate in inpatient service providing consultation on broad range of cardiac issues. Will also have opportunity to rotate through outpatient Cardiology clinics at desired site, if interested.

Non-Invasive Cardiology
SITES: UCI
Limited availability
Requires special arrangement
Rotate through echocardiography lab/reading room and Cardiac Diagnostics labs at UCI.

Cardiac Care Unit (CCU)
SITES: UCI
Rotate through CCU service, providing direct inpatient care to patients on Cardiology floor and ICU services. Available to residents interested in gaining additional exposure to cardiac emergencies and critical care.

Cannot replace any required CCU rotations. All residents limited to a total of 10 blocks of critical care (CCU, MICU) over course of residency.

ENDOCRINOLOGY

Endocrinology Consults
SITES: UCI/LBVA
Participate in both inpatient consultation and outpatient experiences in Endocrinology clinics. Clinical responsibilities will occur at both UCI and LBVA.
**GASTROENTEROLOGY**

**Gastroenterology Consults**  
**SITES:** UCI, LBVA  
Rotate through inpatient consult service and outpatient Gastroenterology clinics at respective site. Can tailor experiences to areas of specific interest, e.g. general gastroenterology, hepatology, inflammatory bowel disease, interventional endoscopy.

**GENERAL INTERNAL & HOSPITAL MEDICINE**

**General Internal Medicine Clinic**  
**SITES:** UCI  
Requires special arrangement  
Work with GIM faculty to see patients for general and urgent visits and post-hospital appointments in busy, outpatient academic Internal Medicine practice.

**Geriatrics**  
**SITES:** UCI  
Requires special arrangement  
Rotate through various outpatient and home-based experiences involving geriatric patients. Rotation can be tailored to specific interests and needs, and may include opportunities at Forensic Center, Adult Day Health Care, HAPS clinic, Senior Center, long-term care sites, etc.

**Hospitalist Medicine (Academic)**  
**SITES:** UCI  
Provide inpatient consultation to non-Medicine departments, including surgical, obstetric and psychiatric services. This elective is in addition to required Medicine Consult (Team H) rotation.

**Hospitalist Medicine (Private Practice)**  
**SITES:** LBV  
Requires special arrangement  
Work one-on-one with private practice hospitalists managing patients in busy inpatient environment. This elective is in addition to required Medicine Consult (Team H) rotation. **Rotation is restricted to senior residents (PGY 2, 3).**

**Latino Health Access Clinic**  
**SITES:** Other (Latino Health Access Clinic, Santa Ana)  
Requires special arrangement  
Work with Orange County Latino Health Access to provide education to promotores and work with local Latino population. Rotation will involve time creating education programs for patients and promotores. Spanish language proficiency required.
**Medical Directorship**

**SITES:** UCI

Requires special arrangement

Gain exposure to the various administrative roles and responsibilities involved in serving in hospital leadership. Residents will rotate through various experiences with department faculty and administrators.

**Preoperative Medicine**

**SITES:** UCI

Rotate through outpatient Preoperative Medicine clinic and gain additional exposure to evaluation of patients undergoing surgical procedures. This elective is in addition to required Preoperative Clinic experiences during the PGY1 year.

**Women’s Health Clinic**

**SITES:** LBVA/LBMMC

Work closely with primary care and obstetrics/gynecology faculty in outpatient gynecology, breast diagnostics and reproductive endocrinology. Clinical responsibilities will occur at both LBVA and LBMMC.

**HEMATOLOGY & ONCOLOGY**

**Hematology/Oncology Consults**

**SITES:** LBVA

Participate in inpatient consultation for a variety of hematologic and oncologic disorders. Residents will also rotate through outpatient Hematology/Oncology clinics and the Infusion Center. Didactics, including pathology review, will be led by attending faculty.

**Hematology Clinics**

**SITES:** UCI

Work with Hematology attendings in benign hematology clinic, with particular focus on sickle cell anemia patients.

**Inpatient Oncology (Team L)**

**SITES:** UCI

Rotate through inpatient Hematology/Oncology service focusing on the care of patients with leukemia and lymphoma. Rotation offers opportunity to improve procedural skills, including performing lumbar punctures (under direct supervision).

**Private Practice Hematology/Oncology**

**SITES:** LBMMC

Work closely with Hematology/Oncology faculty at LBMMC in evaluating patients in the outpatient and inpatient setting. This elective is in addition to the required PGY2 rotation.
INFECTIONOUS DISEASES

Infectious Diseases Consults
SITES: UCI, LBVA, LBMMC
Provide inpatient consultation to medical and non-medical services on a wide array of topics within Infectious Diseases. Will also rotate through outpatient clinics, including General ID and HIV clinics.

NEPHROLOGY

Nephrology Consults
SITES: UCI, LBVA
Rotate through inpatient consult services and outpatient Nephrology clinic at respective site.

Private Practice Nephrology
SITES: LBMMC
Work with private practice nephrologists in inpatient and outpatient settings, including at the dialysis center.

OCCUPATIONAL & ENVIRONMENTAL MEDICINE

Occupational Health Clinics
SITES: UCI
Requires special arrangement
Spend 4 days per week working in the Consultation and Occupational Health Clinics run by the Division. Other experiences will be integrated into this rotation. For more information, contact Dr. Boomus (eboomus@uci.edu).

PALLIATIVE & HOSPICE MEDICINE

Palliative Care Consults
SITES: UCI
Rotation provides opportunity to gain exposure to palliative and hospice medicine in ambulatory setting. Provide care to a broad range of patients, including those with cancer, end-organ disease, degenerative neurologic conditions, and intractable pain or other pain syndrome. Clinical encounters including ambulatory clinic appointments, goals of care discussions, home hospice visits (through VITAS hospice), and visits to long term care facilities.

For more information, contact Dr. Solomon Liao (ssliao@uci.edu).
PULMONARY & CRITICAL CARE

Pulmonary Consults
SITES: UCI, LBVA
Rotate through inpatient consult service and outpatient Pulmonary Medicine clinics. Opportunities to perform procedures, including thoracenteses, under direct supervision of fellows, faculty.

Medical Intensive Care Unit (MICU)
SITES: LBVA
Available to residents interested in gaining additional experience in ICU at LBVA.

Cannot replace any required MICU rotations. All residents limited to a total of 10 blocks of critical care (CCU, MICU) over course of residency.

Sleep Medicine
SITES: LBVA
Work closely with Pulmonary faculty to see patients in outpatient Sleep Clinic. Will have opportunity to observe sleep studies and other procedures.

RHEUMATOLOGY

Rheumatology Consults
SITES: UCI/LBVA
Rotate through inpatient consult service and outpatient Rheumatology clinics. Clinical responsibilities will occur at both UCI and LBVA.

OTHER

Externships/International Rotations
SITES: Other
Electives at other programs, at practice sites not generally offered by the Program, or in international locations can be arranged if the educational rationale is appropriate. The University will pay salary and malpractice for these types of rotations when approved by the Program Director. Application materials and processes can be obtained from the Chief Residents or Program Coordinator. They are also available under Forms on the website. Some educational stipend may be available for these rotations. Please review the policy on externships and financial support on the website.

Categorical house officers who have successfully completed their PGY1 year are eligible for externships or international rotations. Preliminary PGY1 residents must apply through the Preliminary Program Director for permission to do externships.
Do not schedule any flights or make other travel arrangements that are not refundable until you have received approval for the elective. International rotations or externships are generally 3 weeks but can be as long as 4 weeks under special circumstances. These away rotations cannot be 6 weeks.

**Research**

**SITES:** UCI, LBVA, LBMMC

Research electives are available to residents interested in pursuing basic science, clinical, or translation research projects. Research electives require completion of an application that specifies the rationale and plan for the proposed rotation prior to the start of the rotation. All residents scheduled for a research elective must submit the application at least 30 days prior to the start of the rotation to receive credit. Applications are posted under “Forms” on the residency website (http://www.medicine.uci.edu/residency/residents).

All residents who complete a research rotation will be required to submit an abstract to the annual Department of Medicine Resident Research Day in May.

**Inpatient Teaching**

**SITES:** UCI

**Limited availability**

One-week immersive course focusing on seven primary domains of teaching: learning climate, control of session, communication of goals, evaluation, understanding and retention of learning, feedback, evaluation and self-directed learning. Sessions will focus on methods from the Stanford Faculty Development Center. Rotation available four times per year (once per cohort). 2018-2019 dates: July 16-20 (Cohort A), July 23-27 (Cohort B), August 13-17 (Cohort D), September 17-21 (Cohort C).

For more information, contact Dr. Sam Lai (samuell2@uci.edu).

**Point of Care Ultrasound**

**SITES:** UCI

**Limited availability**

Work with Internal Medicine and Emergency Medicine faculty to improve point-of-care ultrasound skills, including cardiac, lung and abdominal ultrasound. Rotation available four times per year (once per cohort).

**Bedside Procedures**

**SITES:** UCI

Rotation offers opportunity to gain additional experience and proficiency with common Internal Medicine bedside procedures, including: central and arterial line placement, lumbar puncture, abdominal paracentesis, thoracentesis, arthrocentesis, and skin biopsy. All procedures supervised by attending faculty from Medicine (Hospital Medicine, Rheumatology, Gastroenterology), Anesthesiology, Neuro-Interventional Radiology.
NON-MEDICINE ELECTIVES

COMPLEMENTARY MEDICINE

Complementary and Alternative Medicine

SITEs: UCI
Limited availability
Requires special arrangement

Rotate through Complementary Medicine clinics and participate in additional learning experiences related to alternative and integrative medicine through the Samueli Center for Integrative Medicine. Rotation has limited availability and specific time slots.

Acupuncture Medicine

SITEs: LBVA

Work closely with CAM faculty in Acupuncture clinics at LBVA. Will have opportunities to learn and perform acupuncture under direct supervision.

DERMATOLOGY

Outpatient Dermatology

SITEs: LBMMC

Rotate through private practice Dermatology clinics, will gain exposure to general and cosmetic dermatology, Moh’s surgery, and other office-based dermatologic procedures.

EMERGENCY MEDICINE

Emergency Medicine

SITEs: LBVA
Requires special arrangement

Rotate through Emergency Department at Long Beach VA Medical Center. This elective is in addition to required PGY-1 rotation.

NEUROLOGY

Neurosciences Intensive Care Unit (NICU)

SITEs: UCI
Requires special arrangement

Work with Neurointensivist faculty in Neuro-ICU at UCI. Gain exposure in managing acute strokes, intracranial bleeds and neurosurgical patients.
Neurology Consults
**SITES:** LBVA
Rotate through inpatient consult service and outpatient Neurology clinics at LBVA. Can tailor experience to areas of interest, e.g. stroke, epilepsy, movement disorders, etc.

**OPHTHALMOLOGY**

Ophthalmology Consults
**SITES:** LBVA
Requires special arrangement
Rotate through inpatient consult service and/or outpatient Ophthalmology clinics at LBVA.

**OTOLARYNGOLOGY**

Otolaryngology Consults
**SITES:** LBVA
Requires special arrangement
Rotate through inpatient consult service and/or outpatient Otolaryngology clinics at LBVA.

**PATHOLOGY**

General Pathology
**SITES:** UCI, LBVA
Requires special arrangement
Rotate through anatomic and clinical pathology laboratories at LBVA. Will work closely with Pathology faculty and residents, including opportunity to observe and participate in medical autopsies.

Hematopathology
**SITES:** UCI
Requires special arrangement
Will work closely with Hematopathology faculty, rotate through laboratory at UCI. Will also provide inpatient consultation on patients with bleeding and coagulation disorders, transfusion reactions.

**PEDIATRICS**

Adolescent Medicine
**SITES:** Other (Children’s Hospital of Orange County)
Limited availability
Requires special arrangement
Rotate through Adolescent Medicine clinics at Children’s Hospital of Orange County (CHOC).
Genetics

**SITES:** Other (Children's Hospital of Orange County)
Limited availability
Requires special arrangement
Clinical elective sponsored by the Division of Pediatrics Genetics. Appropriate for individuals interested in primary care, oncology, and adolescent medicine.

**PHYSICAL MEDICINE & REHABILITATION**

**Physical Medicine & Rehabilitation Clinics**

**SITES:** LBVA

Rotate through Physical Medicine clinics, Acute Rehabilitation Unit and physical and occupational therapy center at LBVA.

**PSYCHIATRY**

**Addiction Medicine Clinics**

**SITES:** LBVA
Requires special arrangement

Rotate through Addiction Medicine clinics and inpatient psychiatric units at LBVA. Objective to help residents better understand and treat people who suffer from addiction and provide the fundamental tools for working with patients suffering from substance abuse in the hospital, clinic and community.

**Psychiatry Consult/Liaison**

**SITES:** LBVA
Requires special arrangement

Participate in providing inpatient psychiatric consultation to medical and non-medical services.

**RADIOLOGY**

**Radiology**

**SITES:** LBVA
Requires special arrangement

Rotate through Radiology Department at Long Beach VA. Can tailor rotation to areas of specific interest, including Body Imaging, Ultrasound, Neuroradiology, etc.

**RADIATION ONCOLOGY**

**Radiation Oncology**

**SITES:** LBVA
Requires special arrangement

Rotate through outpatient Radiation Oncology clinics at LBVA. Will also provide consultation for patients requiring inpatient radiation therapy.