

## 539 PEDIATRIC SUBINTERNSHIP

This course satisfies the Sub Internship requirement for UC Irvine Students  
This rotation does not accept international students.

All students must get prior approval for all CHOC based rotations.

**Course Description:** Students spend four weeks as sub-interns during which time 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 the students for the challenges and demands of the internship. Students may choose between sub-internships in medicine, surgery or pediatrics.

**Department:** Pediatrics

**Prerequisites:** UC Irvine students must have successfully completed the basic science curriculum and their Pediatrics Core Clerkship. Extramural students must be in their final year of undergraduate medical education

**Restrictions:** None

**Elective Directors:** Children's Hospital of Orange County (CHOC) - Behnoosh Afghani, M.D. 101 The City Drive South, Bldg. 26, Ste 1001, Orange, CA 92868, 714-456-5726, [bafghani@uci.edu](mailto:bafghani@uci.edu)

Long Beach Miller's Children's Hospital (MCH) - John Samson, MD

**Instructing Faculty:** Faculty in the Department of Pediatrics

**Course Website:** None

**Who/Location/When to Report to on the First Day:**

**MCH-based rotation:** Site coordinate will provide information. Please contact Site Coordinator [pedselective@uci.edu](mailto:pedselective@uci.edu) (714) 456-5631

Angel Arvizu [arvizu@memorialcare.org](mailto:arvizu@memorialcare.org)

**CHOC-based rotation:** Site coordinate will provide information. Please contact Site Coordinator [pedselective@uci.edu](mailto:pedselective@uci.edu) (714) 456-5631

Adriana Herndanez 714-509-3219 [ahernandez@choc.org](mailto:ahernandez@choc.org)

**Site Coordinator:** Pediatrics Elective Coordinator, [pedselective@uci.edu](mailto:pedselective@uci.edu) (714) 456-5631 or (714) 456-8469, fax (714) 456-6660

**Site:** CHOC and Miller Children's Hospital

**Periods Available:** Every 4 weeks throughout the year

**Duration:** 4 weeks

**Number of Students:**

Millers-based rotation: 4

CHOC-based rotation: 2

**Scheduling Coordinator:** UC Irvine students please email [comsched@uci.edu](mailto:comsched@uci.edu) or call (714) 456-8462 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 this website <http://www.aamc.org/programs/vsas/> International and osteopathic students will not use VSAS. To apply please refer to the application link towards the top-left of this page.

**Course Objectives:** At the end of this rotation the student will be able to. . .

- Skillfully conduct medical interviews and perform comprehensive physical examination of patients with utmost professionalism.
- Use evidence based medicine to conduct medical care in the highest standards of UCI Medical Center's Mission Statement
- Learn and value the needs of the community and individual patients.

#### **Key Topics:**

- Evidence based medicine
- Professionalism
- Dedication to patient care
- Patient confidentiality
- Understanding managed care
- Advanced directives
- Pediatric pharmacology
- Respiratory illnesses
- Pediatric infections
- Care of the complex pediatric patient
- General pediatrics
- Developmental-sensitive care for pediatric patients

#### **Competencies:**

- Student should be able to competently obtain a detailed history, and perform a thorough physical examination
- Student should be able to present a detailed history and physical and be able to formulate an accurate differential diagnosis and plan.
- Students should be able to completely utilize laboratory tests appropriate to patient care and interpret those tests to aid in care of his/her patients.
- Students should be able to competently manage core problems appropriately identified by its core specialty for each Sub-internship clerkship.
- Students should become more proficient in time management and organizational skills.
- Management of the pediatrics patient

#### **Attitudes and Commitment:**

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
- Learn to work as a team member
- Demonstrate commitment to the highest quality patient care.

**Educational Activities:**

The student is responsible for direct management and care of patients with significantly higher level of responsibility than the core clerkship. The student will build upon knowledge and skill learned during the core clerkship. The student has internship-like responsibilities, e.g. , primary workup of new patients, writes orders, performs procedures, participates in daily care and writes notes. The student will be on call with his/her team and daily duties will begin at 7:00 am. The students are expected to work the same shifts as their team which includes holidays while on this rotation. Activities include daily work rounds, daily attending records, morning report, weekly pediatric grand rounds, pediatric chief rounds, daily sign out rounds, monthly combined M&M rounds, didactic general pediatric topics with formal presentations, small group discussions and discussions at bedside

**What students should do to Prepare for the Rotation:** Review material from the 3rd year clerkship

**Clinical Responsibilities of the Student:** The student will perform as a sub-intern

**Patient Care Responsibilities:** The student will perform as a sub-intern

**Call Schedule of the Student:** To be arranged with senior resident

**Procedures to be Learned by the Student:** Procedures learned will depend on student's experience and desire to learn:

- Venous blood draws
- Urine catheterizations
- Blood Draw
- Lumbar Spinal tap

**Percentage of Time Student will Participate in Ambulatory Setting:** None

**Standardized Instructional Material:**

Daily work rounds, daily attending records, morning report, weekly pediatric grand rounds, pediatric chief rounds, daily sign out rounds, monthly combined M&M rounds, didactic general pediatric topics with formal presentations, small group discussions, hands on discussions at bedside.

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

- Common respiratory disorders
- Rheumatology problems
- Urinary tract infection management
- Dehydration
- Pediatric nutritional management
- Fluid and electrolyte management
- Meningitis
- Sepsis
- Neurological problems

**Course Hours Weekly Summary:**

2	Case Based
6	Conference
1	Grand Rounds
40	Inpatient
1	Laboratories
5	Lecture

10	Ward Rounds
5	Other: reading, writing, journaling
70	Total

**Content Theme Integration:**

- Alternative Medicine/ Integrative Medicine (CAM)
- Behavioral Science
- Biostatistics
- Communication skills
- Community Health
- Counseling for Health risk reduction
- Cultural Diversity
- Culturally-related health Behaviors
- Decision Making
- Disaster management/response
- Disease screening tests
- End of Life Care
- Epidemiology
- Ethical Problems in Medicine
- Evidence Based Medicine
- Human Development/Life Cycle
- Immunizations
- Medical Genetics & Genetics Counseling
- Medical Informatics
- Medical Socioeconomics
- Nutrition
- Obesity
- Pain Management
- Palliative Care
- Patient-Health Education
- Preventive & Health Maintenance
- Public health systems

**Required Reading:**

Comprehensive pediatric text (Nelson, Rudolph, Oski, etc. ), pediatric subspecialty texts, core pediatric journals (J. Pediatric, Pediatrics, Pediatrics in Review, etc. ) Reading is self-directed as indicated by patient load, keeping up with the literature, preparing assigned presentations, exploring areas of interest, etc.

**Recommended Reading(s):**

Appropriate articles and reviews pertaining to patients on the ward service

**Official Grading Policy:** The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine Elective evaluation form. The student will be evaluated by attendings and residents in the area of clinical performance, clinical skills, formal presentation, learning accomplishments, attendance, attitude and effort. Evaluations will be completed by the attendings in consultation with faculty, residents, and staff who interacted with the resident. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.