

Children's Hospital & Research Center Oakland

Advanced Pediatric Clerkships/Subinternships

Children's Hospital & Research Center Oakland provides advanced pediatric clerkships to fourth year medical students from medical schools throughout the United States.

We offer the following thirteen subinternship rotations: Adolescent Medicine, Ambulatory Pediatrics, Cardiology, Emergency Medicine, Endocrinology, Hematology/Oncology, Infectious Disease, Inpatient Pediatrics, Neonatal Intensive Care Unit, Neurology, Pediatric Intensive Care Unit, Pulmonology, and Rehabilitation Medicine.

COURSE DESCRIPTIONS

Adolescent Medicine

Course Director: Barbara Stagers, M.D.

Under the supervision of an attending adolescent provider, students gain experience working with a high-risk, urban teenage population. Students rotate through our main teen clinic and two school-based clinics. In addition to fulfilling all clinical responsibilities, students are expected to attend all teaching conferences.

Limit 3 students per rotation.

Ambulatory Pediatrics

Course Director: Gena Lewis, M.D.

Because our outpatient clinics primarily serve a diverse urban underserved community, students are exposed to a rich ambulatory pediatrics experience. Students are assigned to a variety of subspecialty clinics, a general medical clinic, and an urgent care clinic. Under the supervision of our ambulatory faculty, students care for both sick and well children and have opportunity to perfect history taking and physical diagnosis skills. They also learn preventive medical and anticipatory guidance skills and principles of growth and development. Students visit nearby community organizations as part of the Community and Advocacy Program (CAP) as a primer to health advocacy. Students are expected to attend all teaching conferences and perform assigned readings.

Limit 2 students per rotation.

Cardiology

Course Director: Howard Rosenfeld, M.D.

The student will gain experience in understanding the physiology of the heart and pathophysiology of congenital heart disease in an outpatient clinical setting. The student will be exposed to both non-invasive and invasive technology used to diagnose and treat congenital heart disease. Emphasis is placed on auscultation of heart murmurs. In addition to clinics, the student will be able to attend pre-surgical and catheterization conferences in addition to regularly scheduled resident teaching conferences.

Limit 1 student per rotation.

Emergency Medicine

Course Director: Karim Mansour, M.D.

The Emergency Department at CHRCO is the Bay Area's only pediatric emergency department. It is also Northern California's designated Level I Pediatric Trauma Center. The goals of the clerkship are to learn the principles of addressing the undifferentiated pediatric emergency patient and to differentiate the ill patient requiring further inpatient management from those who can be treated and discharged. This must be accomplished in a short period of time with a directed history, physical exam, and selective studies while employing both ethical and professional attitudes.

Limit 1 student per rotation (no students scheduled during July/August).

Endocrine**Course Director: Jennifer Olson, M.D.**

Under the supervision of faculty endocrinologist, students participate in inpatient and outpatient clinical activities, learning about the clinical aspects of endocrine problems in children. In addition to fulfilling all clinical responsibilities, students are expected to attend all teaching conferences.

Limit 2 students per rotation.

Hematology/Oncology**Course Director: Alison Matsunaga, M.D.**

Medical students have the opportunity to participate in the care and management of complex hematology and oncology patients during this clerkship. Students may choose to divide their time between the busy inpatient service and a diverse outpatient clinic. Clinics are held daily and include: General Oncology, Neuro-Oncology, General Hematology, Thrombophilia, Thalassemia, Sickle Cell/Hemoglobin, and Hemophilia clinics. Students will have primary responsibility caring for patients on the inpatient service under the supervision of residents, fellows, and attendings. In the clinic, students will typically work directly with the fellows and attendings with ample direct teaching and supervision. Students are expected to attend daily teaching conferences and clinical rounds. There will also be opportunity to participate in procedures common in the specialty in addition to the ordering and interpretation of routine and complex hematology and oncology laboratory studies.

Limit 1 student per rotation.

Infectious Disease**Course Director: Ann Petru, M.D.**

Medical students have the opportunity to participate in the care and management of a variety of common and unusual patients during this clerkship. Students may choose to divide their time between the busy inpatient service or a diverse outpatient clinic. Clinics are held daily and include: General ID clinics, TB, and HIV clinics. Students will have primary responsibility caring for patients on the inpatient service under the supervision of residents, fellows and attendings. In the clinics, students will typically work along with the attendings, with ample direct teaching and close supervision. Students are expected to attend all teaching conferences and clinical rounds.

Limit 1 student per rotation.

Inpatient Pediatrics**Course Director: Michael Lang, M.D.**

On our busy acute care units, students help manage patients with a wide variety of diagnoses, ranging from common general pediatric conditions to very rare and complicated multisystem disorders. Under the direct supervision of a hospitalist and senior resident staff, students are expected to assume the role as an intern, taking primary responsibility for initial evaluations, diagnostic procedures, and ongoing management of patients. Students participate fully in teamwork and teaching rounds and attend all teaching conferences.

Limit 2 students per rotation.

Neonatal Intensive Care Unit**Course Director: David Durand, M.D.**

The NICU is a 39-bed intensive care nursery. Because there are no inborn infants at Children's Hospital, all infants in the NICU are transported in from other hospitals. A large proportion of the NICU patients have surgical conditions, complex anomalies, or conditions requiring multiple sub-specialty consultation. There are two teams of residents with an attending assigned to each team. One medical student is assigned to each team. Students work under the direct supervision of the attending physician and senior resident. Students are expected to attend all teaching conferences and perform assigned readings.

Limit 2 students per rotation.

Neurology**Course Director: Dan Birnbaum, M.D.**

Under the supervision of faculty neurologist, students participate in both inpatient and outpatient clinical activities. Students will perfect the neurologic exam for infants, children, and adolescents and learn about diseases that affect the nervous system. In addition to fulfilling clinical responsibilities, students are expected to attend all teaching conferences including those specific to the neurology division.

Limit 1 student per rotation.

Pediatric Intensive Care Unit

Course Director: Sharon Williams, M.D.

The PICU is a 23-bed unit and is the largest pediatric critical care facility in Northern California. Students will work with an intern, senior resident, fellow, and attending in managing a variety of critically ill infants and children, including patients with complex congenital heart disease, trauma, sepsis, respiratory failure, increased intracranial pressure, diabetic ketoacidosis, and cardiopulmonary arrest. There will be some opportunities to perform procedures. By the end of the rotation sub-interns should be familiar with the management of shock, ventilator support, electrolyte imbalances, status epilepticus, renal failure, and head injuries. Students are expected to attend all teaching conferences.

Limit 1 student per rotation (No students scheduled during July).

Pulmonology

Course Director: Edward Fong, M.D.

Our Pulmonary Rotation provides a unique opportunity for the student to learn about pulmonary physiology, diagnostic evaluations, and management modalities for both common and complex respiratory illnesses. Students will enjoy a diverse and longitudinal clinical experience in both the inpatient and outpatient settings. The highlights of the rotation include: going to the Operating room to observe bronchoscopies, performing your own lung function, assisting patients in the performance of their lung function, and participating in our Cystic Fibrosis multidisciplinary clinics. The student will function as a sub-intern in performing consultations and follow up evaluations in the PICU, NICU, pediatric floor, ED, and outpatient clinics. We also provide didactic sessions covering pulmonary physiology, clinical vignettes with our Pulmonary Fellows, the basics of billing and coding, and the business of operating a private practice.

Limit 1 student per rotation.

Rehabilitation Medicine

Course Director: Christine Aguilar, M.D.

The student will gain experience in inpatient and outpatient pediatric rehabilitation medicine. Students will assume the role as an intern, managing patients on the inpatient unit as well as participate in spasticity clinic, spina bifida clinic, and general rehabilitation clinic. Students may also have the opportunity to perform botox injections and learn baclofen pump management. Students will work closely with physical, occupational, and speech therapists and the rest of the rehabilitation multidisciplinary team. In addition to fulfilling all clinical responsibilities, students are expected to attend all teaching conferences.

Limit 1 student per rotation.

HOW TO SCHEDULE A CLERKSHIP

Clerkships can be scheduled independently during the student's third year by e-mailing:

Medical Student Program Administrative Assistant for an application packet:

medstudent@mail.cho.org

Positions are available on a first come, first served basis and fill quickly. Clerkships are scheduled according to the student's individual medical school dates. Therefore, it is important to have a general idea of the approximate dates you would like to schedule as well as the top three rotations you are interested in scheduling prior to e-mailing our office.

If you have specific questions about any of the rotations, contact:

Michael Lang, MD, Director, Medical Student Program:

mlang@mail.cho.org

