General Information

COURSE CHAIR: Pedro Sanchez, MD
STUDENT COORDINATOR: Calvin Lee
PHONE: 310-423-4780 (option 1) or 310-423-8455
E-MAIL: Calvin.Lee2@cshs.org
STUDENTS / PERIOD: max 1
DURATION: 3 weeks

Electives at Cedars-Sinai start in May. Please visit our VSAS catalog for dates and to submit your application.

Description

The student will obtain a broad exposure to the clinical aspects of medical genetics, especially in regard to the diagnosis of genetic disease, dysmorphology, genetic counseling, prenatal diagnosis, treatment of genetic disease. Work up inpatient genetic consultations; see patients in genetic clinic. Exposure to different clinics can be tailored to student's needs and interests.

Course Objectives

1. Counseling techniques and the approach to the patient and family with hereditary diseases
2. Historical, physical, and laboratory evaluation of the patient with possible genetic disease, including patients with congenital anomalies, dysmorphic features, and mental retardation
3. Prenatal diagnosis, including amniocentesis and chorionic villus sampling and discussion of risk factors and teratogenesis
4. Laboratory techniques in genetics
5. Non-invasive prenatal techniques in genetics
6. Understanding of genetic diagnostic testing
7. Integration of genetics into other subspecialties: Neurogenetics, cardiogenetics

Student Experiences

COMMON PROBLEMS/DISEASES
- Chromosomal microarray analysis
- Whole exome sequencing
- Syndrome identification/Dysmorphic
- Genetic counseling
- Congenital anomalies
- Prenatal diagnosis
- Carrier detection/screening
- Cardiovascular genetics

INPATIENT: 10%
PRIMARY CARE: 90%
CONSULTATION: 100%

CLOSE CONTACT WITH
- Full-Time Faculty
- Clinical Faculty
- Fellows
  Other: Genetic Counselors

Pediatric Medical Genetics
PE 235.99
# Pediatric Medical Genetics

## Typical Schedule

<table>
<thead>
<tr>
<th>Approx. # of Patients Evaluated/Week by Student</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. # of Patients Eval/Each Week by Service</td>
<td>31</td>
</tr>
</tbody>
</table>

| Typical Monday | 8:00 am - 11:00 am - Genetics Training Program Lecture Series  
1:00 pm - 2:00 pm - Chart Review for Tuesday Medical Genetics Clinics  
3:30 pm - 4:30 pm - Prenatal Case Review Conference |
|----------------|--------------------------------------------------------------------------------------------------|
| Typical Tuesday | 8:00 am - 2:00 pm - Medical Genetics Clinic  
2:00 pm – 3:00 PM case conference  
3:00pm - 4:00pm- Plagiocephaly Clinic |
| Typical Wednesday | 8:00 am - 2:00 pm - Medical Genetics Clinic |
| Typical Thursday | 8:00 am - 2:00 pm - Medical Genetics Clinic |
| Typical Friday | 8:00 am - 12:00 pm - OCC Friday Results Clinic |
| On-Call Schedule | NONE |
| Weekend Activities | NONE |
| Additional Comments/Special Requirements | NONE |