

# Developmental-Behavioral Pediatrics

PE 265.99

## General Information

**COURSE CHAIR:** Jyotirbala Ruparel, MD

**STUDENT COORDINATOR:** Calvin Lee

**PHONE:** 310-423-4780 (option 1) or 310-423-8455

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**STUDENTS / PERIOD:** max 1

**DURATION:** 3 weeks

Please visit our [VSLO](#) catalog for dates and to submit your application.

## Requirement(s)

This elective is open only to MS4 students who have previously passed their pediatrics rotation.

## Description

1. Student will rotate through High-Risk Infant Follow-Up (HRIF) clinic for 2 days and in Genetics, Neurology and Endocrine Clinics one day each per week with Developmental focus. Student will learn about typical development in the first 3 years of life. They will observe the therapist administering the Bayley and learn about domains of development and developmental testing as well as learn how to define developmental delay. Students will be able to learn early signs of autism, cerebral palsy and developmental delay.
2. There will time for self-study of materials relevant to the patient pathology seen at the clinics. There will be a requirement at the end of the rotation on a Friday to take a multiple-choice test based on the learning that would have happened during the rotation.

## Course Objectives

1. Learn typical developmental milestones in the first 3 years of life.
2. Learn & define domains of development and developmental testing.
3. Learn common tests used for developmental assessment and define developmental delay.
4. Learn what is Early Intervention and Implications.
5. Learn how does structural lesions of central and peripheral nervous system impact development.
6. Localize neurological deficit and predict development based on structural lesion.
7. Learn clinical features associated with dysmorphism that can lead to developmental disability.
8. How to evaluate children from a genetic standpoint.
9. Learn about common factors that affect development such as Nutrition, Pulmonary Pathology and Prematurity.
10. Learn how endocrine pathologies can affect development.

## Student Experiences

### COMMON PROBLEMS/DISEASES

- Autism Spectrum Disorders
- Cerebral Palsy
- Prematurity
- Developmental Delay

**INPATIENT:** 0%

**OUTPATIENT:** 100%

**CONSULTATION:** 100%

### CLOSE CONTACT WITH

- Full-Time Faculty
- Clinical Faculty

## Developmental-Behavioral Pediatrics

### Typical Schedule

Approx. # of Patients Evaluated/Week by Student	5
Approx. # of Patients Eval./Each Week by Service	1-2
Typical Monday	AM: Study Neurology Assignment 12:15 – 1:15 pm – Noon Conference 1 - 5pm – Pediatric Neurology Clinic (volume 4-6 patients per day)
Typical Tuesday	10am – 4pm – Genetics Clinic (volume 1-4 patients per day)
Typical Wednesday	8:30 am – 2:00 pm - HRIF clinic (volume 2-4 patients per day) 12:15 – 1:15 pm – Noon Conference 2:00 – 4:00 pm - Read assignment / Self-study related to patients seen that day
Typical Thursday	9:00 am – 2:00 pm - HRIF clinic (volume 2-4 patients per day) 2:00 – 4:00 pm - Read assignment / Self-study related to patients seen that day
Typical Friday	9:00 am – 2:00 pm – Endocrine Clinic 12:15 – 1:15 pm – Noon Conference
On-Call Schedule	None
Weekend Activities	Self-study material assigned by Dr. Ruparel and other attendings during the week
Additional Comments/Special Requirements	Post-test – multiple choice – Score will go towards rotation evaluation