

PEDIATRICS (PEDS)

PEDS 5005 - Exploring Epigenetics: Understanding Genes by Early Environmental Interactions (1-2 Credits)

Exploring Epigenetics is a course aimed at educating the students on the factors that impact gene expression without a change to DNA sequence. There will be a few didactic sessions exploring basic epigenetic principles, model and mechanisms for research applications, and finally applications of epigenetics to pathology including neurodevelopmental disorders and impact of adverse exposures such as childhood trauma. Students will also rotate through clinical and laboratory experiences including the childhood trauma clinic (The Kempe Center for the Prevention and Treatment of Child Abuse and Neglect), genetics and oncology, and labs investigating epigenetic mechanisms. The students will be asked to produce three one paragraph reflection pieces throughout their course and lead a journal club on an article that pertains to course content.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

PEDS 6622 - Diabetes Mellitus (3 Credits)

Max: 3. The student will spend 1 week at diabetes camp. One will learn about diabetes as well as children. Before and after camp, time will be spent at the Barbara Davis Center clinic. Clinical research projects can be developed if interested.

Grading Basis: Medical School HP

Typically Offered: Summer.

PEDS 6623 - Warren Village Clinic (1 Credit)

Offered summer, fall, spring semesters. Max:20/Min:8. An opportunity for Phase I and II students to participate in a pediatric clinic. Students will provide well-care and minor acute illness care for children. Students are required to attend an orientation and three to four Wednesday evening clinics.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

PEDS 8000 - Pediatric AI (8 Credits)

4 wks. Max:3. This course can meet Sub-I qualifications. Designed for those students who are interested in further training in pediatrics. Students will be integrated as a functional member of a pediatric ward team. Restrictions: A 2-month advance notice is required to drop this course.

Grading Basis: Medical School HP

PEDS 8004 - Pediatric Cardiology (8 Credits)

4 wks. Max:1. Evaluation of children with heart disease by history, physical examination, electrocardiography, roentgenography, echocardiography, and cardiac catheterization will be stressed. The student will make rounds with the cardiology team, see consults, attend outpatient clinics, and participate in cardiac catheterizations and conferences.

Grading Basis: Medical School HP

PEDS 8005 - Allergy and Immunology CHCO (4-8 Credits)

The student will work alongside allergy and immunology providers and share in the care of patients from clinic, as well as inpatient consults. Opportunities will be provided to observe skin testing, food/drug challenges, immuno-therapy, and pulmonary function testing. Offer 2, 4 wk

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Spring, Summer.

PEDS 8006 - National Jewish Immunology and Allergy (4-24 Credits)

Max: 2. The student is assigned to a pediatric allergy attending; share in the care of NJC outpatients, attend lectures, rounds, and conferences. Patient responsibility delegated by attending and commensurate with the student's interest/ability. Opportunities provided to observe laboratory procedures in immunology/pulmonary physiology laboratories. Weeks offered 2, 4, 8, 12.

Grading Basis: Medical School HP

PEDS 8007 - Child Abuse and Neglect (4-8 Credits)

2 wks. Max:1. Held at TCH and Kempe Center. Basic principles of Child Abuse and Neglect; participate in team evaluation of outpatient and inpatient child abuse cases, and attend court with team members.

Primarily observational and includes independent study. One case write-up required. Restrictions: Not available sections 21-24.

Grading Basis: Medical School HP

PEDS 8008 - Birth Defects/ Genetics (4-8 Credits)

4,6,8, or 12 wks. Max:1. Rotation includes experience in the General Genetics, Inherited Metabolic Diseases, Muscle, Neurocutaneous and outreach clinics. Students will participate in diagnosis, pedigree assessment and management. Students will participate in consultations with faculty, attend conferences, visit laboratories; an oral presentation is required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 24.

PEDS 8009 - Peds Infectious Disease (8 Credits)

4 wks. Max:1. This course provides experience in the pathophysiology, diagnosis, and therapy of childhood infections. Students evaluate inpatients and present cases at daily teaching rounds. Experience in the diagnostic Microbiology laboratory is provided. There is a weekly HIV/ infectious disease clinic.

Grading Basis: Medical School HP

PEDS 8010 - EPAC Individualized Elective (4-24 Credits)

This course allows students in the Education in Pediatrics Across the Continuum (EPAC) to develop an individualized learning experience. This may include rotations in areas that do not have an existing course or a combination of experiences across courses.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.

PEDS 8011 - Pediatric Pulmonary (8 Credits)

Max:1. Basic background knowledge in pediatric pulmonary physiology and disease will be provided. The student will attend rounds, clinics and weekly conferences and participate in hospital consultations. Students will be expected to present a seminar/case discussion on a pediatric pulmonary topic. Weeks offered 4

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

PEDS 8012 - Pediatric Neurology (4-8 Credits)

4,6, or 12 wks. Max:1. Child Neurology provides students with the opportunity to gain experience evaluating children with a wide variety of neurological problems. Students will round on hospital and clinic patients, complete assigned readings and attend Neurology grand rounds.

Grading Basis: Medical School HP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.

PEDS 8013 - Pediatric Endocrinology (4-8 Credits)

Max:1. A large variety of patients with abnormalities of growth and pubertal development, thyroid disorders, and diabetes mellitus are reviewed and treated each week. Seminars on selected topics are scheduled three times per week. Weeks offered 4.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

PEDS 8014 - Pediatric Rheumatology Clinical Elective (4-8 Credits)

Course description to be added later in OAsis

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

PEDS 8015 - Pediatric Neonatology AI (8 Credits)

4 wks. Max:3. This course can meet Sub-I qualifications. Student assigned to UCH, DHMC, or TCH and will participate actively in the care of critically-ill infants including work rounds, attending rounds, conferences and night call. Experience will be gained in procedures and ventilator management.

Grading Basis: Medical School HP

PEDS 8018 - General Academic Peds (4-8 Credits)

Max:1. This course offers exciting experience in ambulatory pediatrics at The Children's Hospital. There are 9 educational conferences per week.

No night call. offer 2 wks

Grading Basis: Medical School HP

PEDS 8020 - Adolescent Medicine (4-8 Credits)

4 wks. Max:1. Provides basic knowledge and clinical skills in diagnosis and management of medical problems during adolescence. Including development of skills in interviewing and counseling adolescents in various health care settings. Students will prepare and present a seminar/case discussion on this topic.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

PEDS 8021 - Pediatric Disability Medicine (8 Credits)

Pediatric Disability Medicine is a four-week course designed to give students exposure to important concepts of disability, issues affecting children with disabilities and their families, multidisciplinary clinical care of this population and an introduction to transition to adulthood.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

PEDS 8022 - Peds Gastroenterology (8 Credits)

Max:1. Clinical rotation on pediatric gastroenterology inpatient and outpatient services and procedure unit and scheduled conferences. This rotation is designed for students with a specific interest in pediatrics and/or gastroenterology.

Grading Basis: Medical School HP

PEDS 8023 - Healthy Beginnings Clinic: 4th Year Manager (4 Credits)

Fourth year course for students who are already members of the Warren Village Healthy Beginnings Clinic Steering Committee. Students will continue to attend meetings and manage clinic. They are also expected to lead teaching and clinical development of students.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring.

PEDS 8024 - Child Development/Behavior (4-8 Credits)

2 or 4 wks. Max:1. Medical students will participate in the medical assessment and treatment of children with developmental and behavioral problems. They will attend lectures, participate in the seminars, and observe multidisciplinary assessments of children with developmental disorders.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

PEDS 8025 - Peds Emergency Medicine (4-8 Credits)

Max:1. Students gain experience in assessment/management of common conditions in a pediatric emergency department including minor emergencies, acutely ill children, and traumatic diagnoses. Procedural experience at student's level, and at attending's discretion, will also be gained.

Grading Basis: Medical School HP

PEDS 8026 - Pediatric Nephrology (4-8 Credits)

4 wks. Max:1. Students will actively participate in the care and evaluation of patients under the direction of the attending and participating resident. Common problems such as hematuria, proteinuria, electrolyte disturbances, chronic renal insufficiency, hypertension, hemodialysis, peritoneal dialysis, and renal transplantation are addressed.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

PEDS 8027 - Pediatric ICU AI (8 Credits)

4 wks. Max:1. This course can meet Sub-I qualifications. The sub-intern is responsible for evaluation and continuing care of patients under the supervision of a Fellow and Attending. The student will learn basic pathophysiology of critical illness and enhance skills in reporting and interpreting clinical data, and patient management. Prereq: IDPT 7020 Infant/Adolescent Care.

Grading Basis: Medical School HP

PEDS 8029 - Breastfeeding Management (4 Credits)

2 wks. Max:2. An introduction to breastfeeding as a medical topic, with precepting by lactation specialists at clinical sites and self-directed learning through complementary activities. Assessment and management of mother/infant breastfeeding dyad is emphasized.

Contact Dr. Bunik two weeks before start or Laura.Primak@uchsc.edu.

Grading Basis: Medical School HP

PEDS 8030 - Vaccination in Pediatrics (4-8 Credits)

4 wks. Max:2. Students develop extensive knowledge in ambulatory general pediatrics with an emphasis on vaccine preventable diseases. Experiences include didactics on vaccination, vaccine screening, advocacy, and report writing. Exposure to laboratory vaccine research supported but requires availability. Prereq: MS III Pediatric Rotation.

Grading Basis: Medical School HP

PEDS 8031 - Pediatric Hematology/Oncology (8 Credits)

Students will participate in the clinical activities of the Pediatric Hematology-Oncology Service, both inpatient and outpatient. They will be involved in patient care, perform procedures including lumbar punctures and bone marrow aspirated/biopsies, and attend relevant conferences. Prereq: Successful completion of all third year clerkships. No restrictions at this time. Course will also be offered to externs.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

PEDS 8050 - Pediatric Gastroenterology Colorado Springs (8 Credits)
 Students will see patients in the pediatric GI inpatient and outpatient setting. Students will be exposed to common GI procedures. The rotation is designed for students with specific interest in pediatrics and gastroenterology. Instructor consent required.
 Grading Basis: Medical School HP
 Typically Offered: Fall, Spring, Summer.

PEDS 8051 - Pediatric Cardiology CSB (4-8 Credits)
 This elective provides an opportunity to become acquainted with the special diagnostic and therapeutic problems of the infant and child with heart disease. Diagnosis by history, physical exam, electrocardiography (fetal and pediatric) chest x-ray, etc. will be emphasized. Instructor consent required.
 Grading Basis: Pass Fail with IP
 Typically Offered: Fall, Spring, Summer.

PEDS 8052 - Pediatric Hematology Oncology – Colorado Springs (4-8 Credits)
 Students will see patients in the pediatric neurology inpatient and the outpatient setting. Students will be exposed to common neurology procedures. The rotation is designed for students with specific interest in pediatrics and neurology. Pre-requisite: Successful completion of all third year clerkships
 Grading Basis: Pass Fail with IP
 Repeatable. Max Credits: 8.
 Typically Offered: Fall, Spring, Summer.

PEDS 8053 - Pediatric Neurology – Colorado Springs (4-8 Credits)
 Students will see patients in the pediatric neurology inpatient and the outpatient setting. Students will be exposed to common neurology procedures. The rotation is designed for students with specific interest in pediatrics and neurology. Pre-requisite: Successful completion of all third year clerkships
 Grading Basis: Pass Fail with IP
 Repeatable. Max Credits: 8.
 Typically Offered: Fall, Spring, Summer.

PEDS 8054 - Pediatric ENT– Colorado Springs (4-8 Credits)
 Students will see patients in the pediatric ENT inpatient and the outpatient setting. Students will be exposed to common ENT procedures. The rotation is designed for students with specific interest in pediatrics and otolaryngology. Pre-Requisite: Successful completion of all third year clerkships
 Grading Basis: Pass Fail with IP
 Repeatable. Max Credits: 8.
 Typically Offered: Fall, Spring, Summer.

PEDS 8100 - PEDS Elective Away (4-8 Credits)
 This Pediatric elective will be held at a site in Colorado, another state, or internationally. Students must obtain departmental approval one month prior to the start. Additionally, international sites must be preapproved by Student Affairs. Offered 2 or 4 weeks
 Grading Basis: Pass Fail with IP
 Repeatable. Max Credits: 8.
 Typically Offered: Fall, Spring, Summer.

PEDS 8600 - Research in Pediatrics (4-24 Credits)
 2-12 wks. Prereq: Student must receive departmental approval one semester in advance of rotation. Approval from the Associate Dean for Student Affairs required. Restrictions: Sections 49-50 not available.
 Grading Basis: Pass Fail with IP
 Repeatable. Max Credits: 32.

PEDS 8630 - PEDS Research Away (4-16 Credits)
 This Pediatric research elective will be held at a site in Colorado, another state, or internationally. Students must obtain departmental approval one month prior to the start. Additionally, international sites must be preapproved by Student Affairs. Offered 2, 4, 6 or 8 weeks.
 Grading Basis: Pass Fail with IP
 Repeatable. Max Credits: 16.
 Typically Offered: Fall, Spring, Summer.