GENERAL INFORMATION

COURSE CHAIR:  John M. Graham, M.D., ScD..

STUDENT COORDINATOR:  Esther S. Tolentino
PHONE #:  310-423-4780 ( Ext. 1)  *  E-MAIL:  esther.tolentino@cshs.org

STUDENTS / PERIOD:  max 2  min 1

DURATION:  3 weeks

ROTATIONS WILL BE OFFERED AS FOLLOWS:
By arrangement -  Please contact the Student Coordinator

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. Current topics in genetics and research interests of the department.
6. Opportunities are available for interested students to become involved in research or case reporting.
7. Application of genetics to common disease.

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, and community genetic screening programs. Work up inpatient genetic consultations; see patients in genetic clinic. Relative emphasis on Pediatric vs. Reproductive Genetics vs. Internal Medicine genetics will be tailored to student needs.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Chromosomal syndromes
2. Skeletal dysplasias
3. Syndrome identification/Dysmorphic
4. Genetic counseling
5. Congenital anomalies
6. Prenatal diagnosis
7. Carrier detection/screening
8. Teratogens
9. Genetics of common diseases

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:
8

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:
31

INPATIENT:  25%
OUTPATIENT:  75%
CONSULTATION:  100%

January 2013
Cedars-Sinai Medical Center
Pediatric Electives

PE 240.04  PEDIATRIC HEMATOLOGY-ONCOLOGY
Advanced Clinical Clerkship – Academic Year 2013-2014

GENERAL INFORMATION

COURSE CHAIR: Fataneh Majlessipour, M.D.

STUDENT COORDINATOR: Esther S. Tolentino
PHONE #: 310-423-4780 (Ext. 1)  E-MAIL: esther.tolentino@cshs.org

STUDENTS / PERIOD: max 2 min 1
DURATION: 3 weeks

ROTATIONS WILL BE OFFERED AS FOLLOWS:
By arrangement - Please contact the Student Coordinator

COURSE OBJECTIVES

1. Gain basic understanding of normal and abnormal hematologic problems in children.
3. Inpatient and outpatient management of children with cancer and hematologic problems.
4. Observation of cohesive team approach to management of above disorders.
5. Psychosocial implications of these conditions.
6. Introduction to clinical cancer research via NIH protocols.
7. How to do consultations.

DESCRIPTION

Students will be exposed to a broad range of hematologic and oncologic diagnoses in the clinical setting. Students are expected to be knowledgeable in pediatrics and will be responsible for gathering patient histories and physicals for consultations under the supervision of faculty and house staff.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute lymphocytic leukemia
2. Pediatric solid tumors
3. Sickle Cell
4. Other anemias
5. Neutropenia & sepsis
6. Coagulation disorders

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 43

INPATIENT: 30%
OUTPATIENT: 70%

CONSULTATION: 20%
PRIMARY CARE: 80%
GENERAL INFORMATION

COURSE CHAIR: Deborah Lehman, M.D.

STUDENT COORDINATOR: Esther S. Tolentino
PHONE #: 310-423-4780 (Ext. 1)  *  E-MAIL: esther.tolentino@cshs.org

STUDENTS / PERIOD: max 1  min 1

DURATION: 3 weeks

ROTATIONS WILL BE OFFERED AS FOLLOWS:

- July 15 – August 4
- August 5 – August 25
- August 26 – September 15
- September 16 – October 6
- October 7 – October 27
- October 28 – November 11
- January 6 – January 26
- January 27 – February 16
- February 17 – March 9
- March 24 - April 13
- April 14 – May 4
- May 5 – May 25
- May 26 – June 15

COURSE OBJECTIVES

1. Exposure to infectious disease problems of pediatric inpatients and outpatients.
2. Management of Pediatric patients with AIDS.
4. Use of the clinical microbiology laboratory.
5. Judicious use of antimicrobial agents.

DESCRIPTION

During the rotation in pediatric infectious diseases, you will be exposed to a variety of inpatient and outpatient infectious disease issues. You will learn to approach infectious disease problems in an organized and systematic way and learn rational use of antibiotics. This will benefit you in any medical specialty and expose you to all parts of the pediatric service: wards, NICU, PICU, and Infectious Diseases Outpatient Clinic.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Newborn infections
2. Pediatric HIV
3. Immuno compromised patients
4. Pneumonia
5. Septicemia
6. Meningitis
7. Endocarditis
8. Bone and soft tissue infections
9. Infections in intensive-care patients

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4-6

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 12-15

INPATIENT: 80%
OUTPATIENT: 20%
CONSULTATION: 100%
GENERAL INFORMATION

COURSE CHAIR: Elaine Kamil, M.D.

STUDENT COORDINATOR: Esther S. Tolentino
PHONE #: 310-423-4780 (Ext. 1) * E-MAIL: esther.tolentino@cshs.org

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

ROTATIONS WILL BE OFFERED AS FOLLOWS:

- July 15 – August 4
- August 5 – August 25
- August 26 – September 15
- September 16 – October 6
- October 7 – October 27
- October 28 – November 11
- November 18 – December 8
- January 6 – January 26
- January 27 – February 16
- February 17 – March 9
- March 24 - April 13
- April 14 – May 4
- May 5 – May 25
- May 26 – June 15

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute renal failure
2. Obstructive Uropathy
3. Hematuria/Proteinuria
4. Hypertension
5. Systemic lupus erythematosus
6. Urinary tract infection
7. Acid base and electrolyte imbalance
8. Hemolytic-uremic syndrome
9. Glomerulonephritis
10. Renal transplantation

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38

INPATIENT: 50%
OUTPATIENT: 50%

CONSULTATION: 90%
PRIMARY CARE: 10%

COURSE OBJECTIVES

1. Obtaining a basic fund of knowledge in the pathophysiology, differential diagnosis, medical management, and current research of pediatric kidney diseases.
2. Clinical skills: obtaining a complete history and physical exam from pediatric patients with renal disease, Analysis and differential diagnosis of fluid and electrolyte problems, management of acute and chronic renal failure, management of hypertension, glomerulonephritis, and renal transplants.
3. Diagnosis and management of both inpatient and outpatient pediatric nephrology problems, including complex ICU cases.
4. Oral presentation of clinical cases.
5. Participation in rounds, clinical conferences, and research conferences.
6. Knowledge of the pharmacology of anti-hypertensive drugs, immunosuppressive agents, drugs used in the management of acute and chronic renal failure, and drug alterations in renal failure.
7. Familiarity with hemodialysis, acute peritoneal dialysis, chronic ambulatory dialysis (CAPD), and continuous venovenous hemoperfusion (CVVH).
8. Basic science foundation in fluid and electrolyte disorders, acute renal failure, chronic renal failure, mechanisms of hypertension, transplant immunology, and immunoregulation.
9. Optional exposure and participation in renal immunology research lab.

DESCRIPTION

The Pediatric Nephrology Center at Cedars-Sinai provides quality programs in teaching, research, and patient care. Students are expected to be knowledgeable in Pediatrics and to have an interest in general nephrology, transplantation immunology, care of children with chronic disease, autoimmunity, renal physiology, dialysis, and areas of renal immunology research.

ADDITIONAL INFORMATION

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
No call required—optional

January 2013
GENERAL INFORMATION

COURSE CHAIR: Arthur Cho, M.D. and Stacey Logan, M.D.

STUDENT COORDINATOR: Esther S. Tolentino
PHONE #: 310-423-4780 (Ext. 1)  *  E-MAIL: esther.tolentino@cshs.org

STUDENTS / PERIOD: max 2  min 1

DURATION: 3 weeks

ROTATIONS WILL BE OFFERED AS FOLLOWS:

- July 15 – August 4
- August 5 – August 25
- August 26 – September 15
- September 16 – October 6
- October 7 – October 27
- October 28 – November 11
- November 18 – December 8
- January 6 – January 26
- January 27 – February 16
- February 17 – March 9
- March 24 - April 13
- April 14 – May 4
- May 5 – May 25
- May 26 – June 15

COURSE OBJECTIVES

1. Managing a mix of “bread and butter” inpatients and those requiring tertiary and quaternary care.
2. Knowledge of normal human growth and development from birth to 18 years.
3. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis, and management of disease of infants, children, and adolescents, both inpatient and outpatient.
4. Improved case presentations and discussion on ward rounds and at teaching conferences.
5. Understanding doctor-patient relationships and the interrelationships between physicians, nurses, social service workers, child-life specialists, and ancillary personnel to achieve the best in pediatric care.

DESCRIPTION

The medical students will function as interns. Each student will meet with Dr. Cho and/or the Chief Resident on the first day to determine how the rotation is to be structured with educational goals and objective. Rotations are based on the individual interests and needs of the student. Students will care for patients of all socioeconomic backgrounds with a mix of pathology ranging from “bread and butter” problems to tertiary care inpatient pediatrics.

ADDITIONAL INFORMATION

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: One long call each week (Mon—Fri) until 10PM. One night shift (6PM-9AM) each weekend (at least one Saturday & one Sunday).

The student will meet with Dr. Cho (or designee: Dr. Desai or Dr. Logan) at the beginning and end of the rotation.
Cedars-Sinai Medical Center
Pediatric Electives

PE 485.02   NEONATOLOGY
Subinternship/Inpatient   –   Academic Year 2013-2014

GENERAL INFORMATION

COURSE CHAIR:  Charles F. Simmons, M.D. and  Asha Puri, M.D.
STUDENT COORDINATOR:  Esther S. Tolentino
PHONE #:  310-423-4780 ( Ext. 1) * E-MAIL:  esther.tolentino@cshs.org
STUDENTS / PERIOD:  max 1  min 1
DURATION:  3 weeks
ROTATIONS BEGIN:  By arrangement - Please contact the Student Coordinator

COURSE OBJECTIVES

1. Become familiar with and competent in managing common neonatal disease
2. Enteral and parenteral nutrition
3. Develop competence in delivery room resuscitation
4. Develop competence in stabilization and transport of high risk newborns

DESCRIPTION

The Neonatal Intensive Care Unit is a state-of-the-art 45-bed unit. Students participate in attending and multidisciplinary discharge rounds, as well as a wide variety of teaching activities (including daily afternoon lectures given by neonatology faculty, housestaff noon lectures, weekly Pediatric Case Conference and Grand Rounds). Students interact with a wide variety of pediatric consultants and services, and participate in the care of both term and preterm infants with diagnosis ranging from congenital heart disease, meconium aspiration, genetic syndromes, to apnea and bradycardia, hyperkalemia, and intraventricular hemorrhage, among others. Students will be exposed to fluid and electrolyte management, metabolic and nutrition disorders, cardiorespiratory management, and management of infection.

ADDITIONAL INFORMATION

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Every fourth night call

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Hyperbilirubinemia
2. Prematurity
3. Respiratory distress
4. Neonatal infection
5. Congenital anomalies
6. Birth asphyxia/trauma

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  3-4
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  8-11
INPATIENT:  100%
PRIMARY CARE:  100%