

**AN250.03 ANESTHESIOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/17/09

**COURSE CHAIR:**

Clinton Kakazu, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-3472

**COURSE OBJECTIVES (in order of importance)**

1. Airway Management.
2. Knowledge of common anesthetic agents.
3. Knowledge of how a patient's condition affects his or her response to anesthesia.
4. Knowledge of different anesthetic techniques.
5. Knowledge of regional anesthesia.
6. Pre-operative evaluation anesthesia record keeping.
7. Interpretation of blood gases, pulmonary function testing, SG monitoring.
8. Post-operative care and evaluation.
9. Knowledge of essential and important drugs used in resuscitation.

**SUPPORTING FACULTY:**

Dr. Y Wu and Faculty

**STUDENT COORDINATOR:**

Paula M. Conley

**E-MAIL:** p.conley49@worldnet.att.net

**PHONE #:**

(310) 222-3472

**REPORT TO:**

Dr. Kakazu or Y. Wu, 2nd Floor Surgery Suite at  
8 a.m. first day of clerkship

**PREREQUISITES:** None

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This elective introduces the students to the skills associated with anesthesia which are essential and useful to physicians of any specialty. These include airway management, the care of the unconscious patients, cardiopulmonary resuscitation, and management of acute surgical emergencies. Also, introducing with trauma anesthesiology experience in a Tier I trauma hospital with high patient volume. Provide broad perspective of various roles in Anesthesia including: preoperative clinic, pain clinic, and regional anesthesia experience.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Airway Management Problems
2. Trauma, Shock Patient
3. COPD, Asthma
4. Coronary Artery Disease
5. Diabetes
6. Renal Failure
7. Hypertension
8. Multisystem Dysfunction

**INPATIENT:**

70%

**OUTPATIENT:**

30%

**CONSULTATION:**

10%

**PRIMARY CARE:**

90%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 10

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 200+

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Clinical Anesthesia in O.R.	6:45 – 7:15 Morning Rounds Clinical Anesthesia in O.R.	7:00 – 9:00 Didactic Lecture M&M Conference Clinical Anesthesia in O.R.	6:45 – 7:15 Morning Rounds Clinical Anesthesia in O.R.	6:45 – 7:15 Morning Rounds Clinical Anesthesia in O.R.
<b>PM</b>	Pre- & Post-Op Rounds	Pre- & Post-Op Rounds 3:00 – 5:00 Didactic (Chapter Review/ Journal Club)	Pre- & Post-Op Rounds 3:00-5:00 Tutorials	Pre- & Post-Op Rounds	Pre- & Post-Op Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Optional

**EM320.02 EMERGENCY MEDICINE**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/7/09**COURSE CHAIR:**

Wendy Coates, M.D.

**PHONE #:**

(310) 222-3501

**E-MAIL:** coates@emedharbor.edu**SUPPORTING FACULTY:**

Emergency Medicine Faculty

**STUDENT COORDINATOR:**

Lucy Hadley

**PHONE #:**

(310) 222-6881

**E-MAIL:** [lehadley@emedharbor.edu](mailto:lehadley@emedharbor.edu)**COURSE OBJECTIVES (in order of importance)**

1. Rapid and appropriate evaluation and treatment of the undifferentiated patient.
2. Improved history and physical examination skills.
3. Exposure to emergency medicine.
4. Improvement of techniques of suturing, resuscitation, IVs, LPs, and airway management.
5. Exposure to pre-hospital care and the paramedic system.

**REPORT TO:**Lucy Hadley Emergency Medicine Department Office, D9A  
at 8:00 a.m. (first day only)**PREREQUISITES:** Medicine and Surgery**AVAILABLE FOR EXTERNS:** Yes**STUDENTS / PERIOD:** max 6 min 1**DURATION:** 3 weeks**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 22, 27, 31, 35, 49

**DESCRIPTION:** Harbor-UCLA Medical Center is a level 1 trauma center seeing more than 90,000 patients per year. Students assume primary responsibility for the care of trauma patients, critical medical and pediatric patients, orthopedic injuries, and other emergencies. Students function as an integral part of the Emergency Medical Team. They have the opportunity to experience the prehospital system and a community ED.

**STUDENT EXPERIENCES****COMMON PROBLEMS/DISEASES**

1. Chest pain
2. Dyspnea
3. Lacerations
4. Orthopedic injuries
5. Cutaneous infections
6. Altered mental status
7. Overdose
8. Abdominal pain
9. Trauma

**INPATIENT:**

0%

**OUTPATIENT:**

100%

**CONSULTATION:**

0%

**PRIMARY CARE:**

100%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Nurses, paramedics

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 15 - 20**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 500**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:00 Morning Rounds 8:00 – 12:00 Medical Student Lecture Day (1st day) Patient Care	7:00 Morning Rounds 8:30 Pediatric EM Conference Patient Care	7:00 Morning Rounds 7:00 – 3:00 Community ED Or 7:00 – 3:00 Procedure Shift	8:00 - Core Curriculum 9:00 - Case Conf. 9:30 - Procedure Conf. 10:00 - Medical Student Conf. Patient Care	8:00 – 10:00 Grand Rounds 9:00 - M&M Conf. 10:00 - Journal Club Patient Care
<b>PM</b>	4:30 Evening Rounds	4:30 Evening Rounds	Or 1:00 – 8:00 Paramedic Ride-Along 4:30 Evening Rounds	4:30 Evening Rounds	4:30 Evening Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Students spend 40 hours per week in the department, which includes weekend and night shifts.**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** \*Students may choose to do 3 weeks or 4 weeks during this time period.

**EM280.01 EMERGENCY MEDICINE ULTRASONOGRAPHY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/9/09**COURSE CHAIR:**  
Timothy Jang, M.D.**PHONE #:**  
(310) 222-6890**COURSE OBJECTIVES (in order of importance)**

1. The student will be able to demonstrate knowledge of ultrasound physics, technology, and knobology.
2. The student will be able to outline a strategy for evaluation of patients with the common indications for ultrasound imaging.
3. The student will be able to identify specific anatomic landmarks pertaining to emergent bedside ultrasound.
4. The student will be able to obtain and interpret ultrasound images for the following exams: right upper quadrant, FAS (trauma), obstetric, pericardial fluid, and abdominal aorta.
5. The student will be able to apply bedside ultrasound to make diagnosis and will be able to recommend an appropriate definitive study for inconclusive ultrasound exams.
6. The student will be able to use bedside ultrasound for therapeutic procedures, including paracentesis and central line placement, according to standard emergency medicine practice.

**SUPPORTING FACULTY:**  
Wendy Coates, MD**STUDENT COORDINATOR:**  
Lucy Hadley**PHONE #:**  
(310) 222-6881**E-MAIL:** [lehadley@emedharbor.edu](mailto:lehadley@emedharbor.edu)**REPORT TO:** Timothy Jang, DEM Administrative Building, D9  
at 8:00 AM**PREREQUISITES:** Inpatient Internal Medicine & Surgery**AVAILABLE FOR EXTERNS:** Yes**STUDENTS / PERIOD:** max 1 min 1**DURATION:** 2 Weeks (4 weeks available by arrangement)**2010-2011 ROTATIONS BEGIN WEEKS:**  
5, 9, 13, 17, 21, 27, 31, 35

**DESCRIPTION:** Students will work with Emergency Medicine physicians who use bedside ultrasound in their practice at Harbor-UCLA Department of Emergency Medicine. They will develop cognitive and manual skills necessary to incorporate bedside ultrasound into their practice. They will be required to complete a minimum of 25 ultrasounds. Students will attend formal lectures on ultrasound (theory, image acquisition, and interpretation). In addition, students will receive real time bedside ultrasound teaching. Exams will be required in the following areas: cardiac, gallbladder, trauma/FAST, aorta, and transabdominal/endovaginal. Student will be required to keep an ongoing log of their exams. These will be reviewed by the course chair. A quiz based on required weekly reading material will be given each week. Lastly, students will be required to present a topic in emergency ultrasound at one of the weekly lectures.

**STUDENT EXPERIENCES****COMMON PROBLEMS/DISEASES**

1. Undifferentiated abdominal pain
2. Biliary Colic
3. Multiple trauma
4. Vaginal bleeding in the pregnant patient
5. Pericardial effusion
6. Central venous cannulation/access
7. Paracentesis

**INPATIENT:** 0%  
**OUTPATIENT:** 100%  
**CONSULTATION:** 100%  
**PRIMARY CARE:** 0%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY  
 X CLINICAL FACULTY  
 X FELLOWS  
 X RESIDENTS  
 X INTERNS  
 OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 25**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 150-200**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	9:00 – 11:00 Ultrasound Lecture Series Emergency Dept. Ultrasound	Emergency Dept. Ultrasound	Emergency Dept. Ultrasound	8:00 – 10:00 EM Conference Emergency Dept. Ultrasound	8:00 – 10:00 EM Conference Emergency Dept. Ultrasound
<b>PM</b>	Emergency Dept. Ultrasound	Emergency Dept. Ultrasound	12 – 4 Formal Ultrasound	Emergency Dept. Ultrasound	12:00 – 1:00 Library/Research 1:00 – 2:00 Meeting with Mentor

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** 4 week rotations available by arrangement

**FP350.04 FAMILY MEDICINE**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/7/09

**COURSE CHAIR:**

Gilbert Granados, M.D., M.P.H.,  
Jyoti Puvvula, M.D., M.P.H.

**PHONE #:**

(310) 534-6221

**COURSE OBJECTIVES (in order of importance)**

1. An appreciation of the role of the family physician in providing primary care to a broad, largely underserved patient population.
2. Improved understanding of the role of Urban Family Medicine
3. An introduction into culturally competent medicine.
4. An appreciation of the relationship between poverty and health.
5. Improved skills in assessment and management of health problems seen commonly in an ambulatory care setting.
6. Improved skills in history and physical examination and the use of the clinical lab.
7. Managed Care/Politics/Policy/Evaluation.
8. An appreciation of the importance of home visits.
9. Introduction to Sports Medicine.
10. Overview of the American Health Care "System."

**SUPPORTING FACULTY:**

Drs. D. Castro, R. Mitchell, I. Liu

**STUDENT COORDINATOR:**

Mari Morse

**PHONE #:**

(310) 534-6223

**E-MAIL:** [harborfp@aol.com](mailto:harborfp@aol.com)

**REPORT TO:**

Gilberto Granados, M.D., Medical Education 9:00 a.m. 1403  
W. Lomita Blvd, 2<sup>nd</sup> Floor, Harbor City, CA 90710 at 8:00

**PREREQUISITES:** Medicine Clerkship and Pediatric Clerkship

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The clerkship gives medical students experience in an urban Family Medicine office, which serves a multi-ethnic, medically indigent population, as well as addressing child and women's health issues. Students will also see patients at our adolescent high school clinics and school for pregnant girls. Lecture series will concentrate on Public Health, Health Policy, and Managed Care. Students will have exposure to procedures such as Minor Surgery, Flex Sigmoidoscopy, Sports Medicine, and Colposcopy/Endometrial Biopsies.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Cardiovascular disease
2. Diabetes
3. Adolescent Health
4. Outpatient Procedures
5. Obesity
6. Cirrhosis
7. Psychological Problems
8. Outpatient OB/Gyn
9. Well Child Car
10. Sports Medicine

**INPATIENT:**

0%

**OUTPATIENT:**

100%

**CONSULTATION:**

10%

**PRIMARY CARE:**

90%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Psychologist Sub-specialty Consultants

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 6 - 8

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 450

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 12:00 Family Health Center  Adolescent Health (Gardena High School)	8:00 – 12:00 Geriatrics Assessment or Flex. Sig.	8:00 – 12:00 Family Health Center  Procedure Clinic	8:00 – 12:00 Family Health Center Flex. Sig./ (Gardena High School)	8:00 – 11:00 Coloscopy ECC/EMB
<b>PM</b>	1:00 – 5:00 Family Health Center or Wilmington H.C.	1:00 – 3:00 Family Health Center  3:00 – 5:00 Grand Rounds	12:00 – 1:00 Family Medicine Grand Rounds  1:00 – 5:00 Family Health Center	1:00 – 5:00 Managed Care Cur- riculum/Field Study	Nutrition 1:00 – 2:00 Riley High School  2:30 – 5:00 Family Health Center

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Optional Weekend Hours

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students will be expected to participate in homeless health care project on the third Thursday of the month.

**ME210.01 CARDIOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

 2010-2011  
 Revised: 11/17/09

**COURSE CHAIR:**

Kenneth Narahara, M.D.

**E-MAIL:**
**PHONE #:**

(310) 222-2596

**SUPPORTING FACULTY:**

 Drs. Budoff, Criley, Detrano, French, Ginzton, Girsky, Laks  
 Narahara, Oudiz, McKay, Chung, Thomas

**STUDENT COORDINATOR:**

Claudette Hoskins

**E-MAIL:** [chaskins@labiomed.org](mailto:chaskins@labiomed.org)
**PHONE #:**

(310) 222-2515

**REPORT TO:**

Consult Fellow, Main Bldg., 8E Rm 21, 8:30 a.m.

**PREREQUISITES:** Medicine and 4th year standing

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 4 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This course is designed to give the student a broad exposure to cardiology, while concentrating at the same time on individual patient evaluation and management.

**COURSE OBJECTIVES (in order of importance)**

1. Improved evaluation of the cardiac patient, in terms of history taking, physical exam (especially auscultation ability).
2. Knowledge of the pathophysiology, natural history appropriate diagnostic workup, and therapeutic approach to valvular heart disease, ischemic heart disease, cardiomyopathies, and recurrent arrhythmias, both supraventricular and ventricular.
3. Knowledge of the pharmacology and clinical use of digoxin, beta blockers, ace inhibitors, calcium blockers, antiarrhythmic drugs and antihypertensive agents.
4. Evaluation and management of complex in-patient problems: recurrent chest pain, low cardiac output states, cardiac murmur evaluation, bacterial endocarditis.
5. Firm comprehension of EKG interpretation.
6. Basic understanding of echocardiograms, heart catheterizations and exercise testing.
7. Oral presentations.

**STUDENT EXPERIENCES**
**COMMON PROBLEMS/DISEASES**

1. Acquired valvular heart disease
2. Congestive heart failure
3. Cardiomyopathies – Intracardiac hemodynamics
4. Pre-op evaluation of cardiac patient
5. Arrhythmias and Intracardiac studies
6. Ischemic heart disease, unstable angina, acute MI

**INPATIENT:**

90%

**OUTPATIENT:**

10%

**CONSULTATION:**

100%

**PRIMARY CARE:**

0%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: NP, Cardiac Rehabilitation

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	9:00 – 9:30 ECG Reading 9:30 – 11:00 Consults or Heart Station 11:00 – 12:00 Echo – Dr. Chung	8:30 – 9:30 Medicine Grand Rounds 10:00 – 12:00 Consults or Heart Station/Stress Test	7:30 – 8:30 ECG Interpretation Conf., Alternates with Basic Hemodynamics 9:00 – 9:30 ECG Reading 9:30 – 12:00 Consults or Cath Lab	9:00 – 12:00 Clinical Research and Review of PFTs Echo, OPET 12:00 – 1:00 M&M Dept. of Medicine	9:00 – 9:30 ECG Reading 9:30 – 12:00 Consults or EP Lab
	12:00 – 1:00 Cardiology Grand Rounds 1:30 – 4:00 Consults or OR observation	12:00 – 1:00 Non-Invasive Diag. Conf. 1:30 – 4:00 Consult. Svc Attending Rds or Learning CTR Multimedia (Heart Station)	1:30 – 4:00 Rounds Consult Attending 4:30 – 6:00 Cath Conference	1:30 – 4:00 Consultation Svc At- tending Rounds or Rehab Rounds	1:30 – 4:00 Consult Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** No nights or weekends.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Mini Student Presentation. Students should dress professionally: men should wear ties; white coats preferred.

**ME215.08 GENERAL DERMATOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/17/09

**COURSE CHAIR:**  
Noah Craft, M.D. Ph.D. (310) 781-1447, (310) 501-5856  
**E-MAIL:** ncraft@labiomed.org

**SUPPORTING FACULTY:**  
Michael Kolodney, M.D. Ph.D.

**STUDENT COORDINATOR:**  
Debbie Hanaya (310) 781-1407  
**E-MAIL:** dhanaya@labiomed.org

- COURSE OBJECTIVES (in order of importance)**
1. Common sense medical judgment in evaluating and diagnosing dermatology patients.
  2. Familiarity with benign and malignant skin tumors and their diagnosis and treatment (i.e., basal cell, squamous cell, melanoma, epidermal cysts).
  3. Familiarity with laboratory diagnostics (woods lamp, Koh, Tzank Smears).
  4. Learn to take a dermatology history and its importance in diagnosis.

**REPORT TO:**  
Debbie Hanaya, HH-I Bldg, Rm 209, 1124 W. Carson Street., Torrance, Calif.

**PREREQUISITES:** Inpatient Medicine, Ambulatory Medicine, Surgery and Pediatrics

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** General Dermatology at Harbor UCLA is focused on medical dermatology in an outpatient setting. Students attend 6 outpatient clinics per week and, as appropriate, will evaluate and treat patients under the supervision of the attending physician. Common skin conditions seen daily: psoriasis, eczema, nevi, skin cancer, and fungal infections. Students evaluate inpatients as part of the dermatology team during inpatient consultations at Harbor-UCLA. Focus is on understanding basic pathogenesis of skin disease and diagnosis and treatment of common dermatologic conditions in a county hospital system, where disease progression is occasionally more advanced. This experience will be supplemented by attending the outpatient dermatology clinics at Long Beach Memorial, where patients typically present earlier in the course of a disease. Both settings include care of pediatric, adult, and geriatric patients with varied skin conditions. Limited discussion of cosmetic dermatology.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Psoriasis 2. Atopic dermatitis 3. Nevi 4. Basal Cell Carinoma 5. Actinic Keratoses 6. Squamous Cell Carinoma 7. Tinea corporis 8. Contact dermatitis	<b>INPATIENT:</b>	5%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY X CLINICAL FACULTY FELLOWS X RESIDENTS INTERNS OTHER:
	<b>OUTPATIENT:</b>	95%	
	<b>CONSULTATION:</b>	100%	
	<b>PRIMARY CARE:</b>	0%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 20

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 380

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 12:00 Willow Surgery	9:00 - 10:00 Clinical Kodachrome  Review with Chief Resident	Harbor-UCLA Dermatology Clinic	Harbor-UCLA Dermatology Clinic	Clinical Dermatology Kodachrome Review with faculty
<b>PM</b>	1:00 - 5:00 Special Derm Clinics (Gethner, Babapour)  Venice Family Clinic Dermatology Clinic (evening 5:00 – 8:00)	Harbor-UCLA Dermatology Clinic	Long Beach Memorial Dermatology Clinic	Long Beach Memorial Dermatology Clinic	Harbor-UCLA Dermatology Clinic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** There will be opportunity for exposure to basic science dermatology research during the independent study periods of the rotation. Students will be required to present a brief discussion on the topic of their choosing at the completion of the course.

**ME225.03 ENDOCRINOLOGY AND METABOLISM (MED)**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/17/09

**COURSE CHAIR:**  
R. Swerdloff, M.D.

**PHONE #:**  
(310) 222-1867

**E-MAIL:**

**SUPPORTING FACULTY:**

Drs. Ipp, Gianoukakis, Lee, Mao, Wang, Batcher, Tayek, Yee, and Smith

**STUDENT COORDINATOR:**

E. Angela Flores

**PHONE #:**  
(310) 222-1867

**E-MAIL:** [HUMCendocrine@labiomed.org](mailto:HUMCendocrine@labiomed.org)

**REPORT TO:**

Clinical Fellow in Endocrinology (5th floor, GCRC Office)  
9:00 a.m.on the first day.

**PREREQUISITES:** Completed Medicine and/or Pediatric Clinical clerkship

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
By Arrangement

**COURSE OBJECTIVES (in order of importance)**

1. Pathogenesis and natural history, the orderly investigation, differential diagnosis and management of thyroid disease, diabetes mellitus, adrenal disorders, pituitary disorders, reproductive abnormalities, and parathyroid disorders
2. Medical interviewing and physical examination skills
3. Med. judgment, analysis of med. data & synthesis of med. info.
4. Interpretation of endocrine tests: Thyroid function tests, glucose tolerance tests, hormonal measurements, stimulation and suppression tests
5. Appropriate format for writing consultations
6. Basic science foundations of pathophysiologic mechanisms underlying diseases of the thyroid, adrenal, pituitary, pancreas, gonads, parathyroid, and other metabolic disorders, including nutritional disorders
7. Diag. & mgmt. of complex in-patient problems such as diabetic ketoacidosis, thyrotoxicosis, thyroid nodules, goiter, hypo-thyroidism, obesity, Cushing's disease, Addison's disease, etc.
8. Oral presentation of clinical cases
9. Library research and interpretation of the literature
10. Outcome of health care, e.g., patient adherence & satisfaction

**DESCRIPTION:** Students function as sub-interns on the in-patient Endocrine consult service and in the out-patient Endocrine & Diabetes, thyroid, and pituitary clinics. They function as members of a team consisting of 1-3 medicine residents, 1-2 Endocrine Fellows, and the Endocrine Faculty Attending. Students also attend the Endocrine Division Conferences and Seminars and Attending Rounds.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Diabetes mellitus
2. Reproductive problems
3. Hypothyroidism & hyperthyroidism
4. Thyroid nodule & cancer
5. Hypocalcemia & Hypercalcemia
6. Hypoglycemia
7. Obesity, R/O Cushing's disease
8. Pituitary tumors

**INPATIENT:** 20%  
**OUTPATIENT:** 80%  
**CONSULTATION:** 80%  
**PRIMARY CARE:** 20%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: Diabetes Nurse Educators

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5 - 6

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 50 - 63

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 - 12:00 Pituitary or Thyroid Nodule Clinic	8:30 - 9:30 Medicine Grand Rounds	10:00 - 12:00 Review of Thyroid Biopsies or Nuclear Medicine Rounds	9:00 - 12:00 Consultations	8:00 - 12:00 Diabetes & Metabolism Clinic
<b>PM</b>	9:00 - 12:00 Consultations  2:00 - 3:30 Attending Rounds	12:00 - 1:00 Basic Science Seminar Lecture Series  2:00 - 3:30 Attending Rounds	12:00 Endocrine Clinical Conference  1:00 - 5:00 Endocrine Clinic	1:00 - 2:00 Chart Check  2:00 - 3:30 Attending Rounds	1:00 - 2:00 Consultations 2:00 - 3:30 Endocrine Grand Rounds 3:30 - 5:00 Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This elective provides an outstanding opportunity for the student to see a broad spectrum of endocrine disorders. The student participates in an organized program of conferences, outpatient clinics, subspecialty consultations, and attending rounds, supervised at all times by a senior endocrine fellow. The student also has significant contact with the full-time faculty.

**ME230.03 GASTROENTEROLOGY**
**Advanced Clinical Clerkship**
**Location: HARBOR**
**2010-2011  
Revised: 11/16/09**
**COURSE CHAIR:**

Viktor Eysselein, M.D.

**PHONE #:**

(310) 222-2475

**E-MAIL:** veysselein@labiomed.org

**SUPPORTING FACULTY:**

Drs. David Chung, Binh Pham and Sofiya Reicher

**STUDENT COORDINATOR:**

Diane Warpack

**PHONE #:**

(310) 222-2475

**E-MAIL:** dwarpack@labiomed.org

**REPORT TO:**

Harbor-UCLA Medical Center, PCDC Bldg, 2nd Fl, Suite 207

**PREREQUISITES:** Medicine

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 3 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This course is an introduction to gastrointestinal and liver diseases. Students will perform consultations, discuss patients at rounds, have didactic sessions and will be able to observe GI disorders.

**STUDENT EXPERIENCES**
**COMMON PROBLEMS/DISEASES**

1. GI bleeding
2. Alcoholic liver disease
3. Pancreatitis
4. Hepatitis
5. Peptic ulcer
6. Inflammatory bowel disease
7. Jaundice
8. GI malignancy
9. GI motility disorders

**INPATIENT:**

70%

**OUTPATIENT:**

30%

**CONSULTATION:**

80%

**PRIMARY CARE:**

20%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 4

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 25

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 12:00 GI Clinic  1:00 – 4:00 IBD Pancreas/Biliary/ Hepatology Clinic	8:00-8:30 Journal Club  8:30 – 10:00 Medical Grand Rounds	7:45 – 8:45 Journal Club  11:00 – 12:00 Medical (GI) Surgical Rounds		
<b>PM</b>	3:00 – 5:00 Consultation Rounds	2:00 – 4:00 Consultation Rounds	2:00 – 4:00 Clinical Attending Rounds	12:00 – 1:00 M & M Conference 3:00 – 4:30 Consultation Rounds 4:30 – 5:30 GI Pathology Conf.	2:00 – 4:00 Consultation Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**ME240.03 CLINICAL HEMATOLOGY/ONCOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/16/09

**COURSE CHAIR:**

Maria Dungo, M.D.

**PHONE #:**

(310) 222-2217

**E-MAIL:**

**SUPPORTING FACULTY:**

K.R. Tanaka, M.D., R.T. Chlebowski, M.D., Ph.D., H. Yang, M.D., P. Shah, MD

**STUDENT COORDINATOR:**

Valerie Cooray

**PHONE #:**

(310) 222-2217

**E-MAIL:** vcooray@labiomed.org

**REPORT TO:**

Maria Dungo, M.D., Dept. H. Harbor-UCLA Research & Education Institute, Bldg. J3, 9:00 a.m.

**PREREQUISITES:** Medicine

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30

**COURSE OBJECTIVES (in order of importance)**

1. Increase knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis, and management of the commonly seen hematologic and oncologic disorders. These include anemia, thrombocytopenia and hemorrhagic disorders, breast, lung and colon cancer, elevated hematocrit, and leukemia and other hematologic malignancies.
2. Interpretation of tests such as CBC, red cell indices, differential cell counts, protime, PTT, bleeding time, etc.
3. Peripheral blood smear interpretation.
4. Improve medical decision making: analysis of medical data and synthesis of information.
5. Medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
6. Increase the student's confidence and ability to give oral presentations.
7. Increase awareness of the basic science principles behind clinical disease.
8. Practical, cost effective assessment and management of common hematologic and oncologic disorders.
9. Library research and interpretation of hematologic and oncologic literature.

**DESCRIPTION:** The Hematology/Medical Oncology Service at Harbor-UCLA Medical Center is a consultative service for the entire hospital, except Pediatrics. A large variety of hematologic and oncologic disorders are seen. Emphasis is placed on clinical evaluation of hematologic and oncologic disorders and various teaching aids such as slide sets and self-assessment examinations are available. While on the Hematology/Medical Oncology Service, students will be under the immediate supervision of the Clinical Hematology/Medical Oncology Fellow. Students will present cases at Team Rounds and Hematology Grand Rounds, participate in the Hematology and the Medical Oncology Clinics, and weekly Hematology and Oncology Seminars.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Iron deficiency anemia
2. Thrombocytopenias
3. Sickle cell disorders & thalassemia
4. Anemia of chronic diseases
5. Acquired coagulopathy
6. Leukemias and lymphomas
7. Cancer of breast, lung, and colon, etc.
8. Elevated hematocrits

**INPATIENT:**

60%

**OUTPATIENT:**

40%

**CONSULTATION:**

75%

**PRIMARY CARE:**

25%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 30

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 12:00 Ward Consults 8:30 – 9:30 Chief's Rounds 10:30-12:00 Consult Rounds	8:30 – 9:30 Medical Grand Rounds 9:30 – 12:00 Bone Marrow Clinic Oncology Clinic	7:30 – 8:15 Heme Seminar 8:15 – 12:00 Hematology Clinic	9:00 – 10:00 Oncology Seminar 10:00 – 12:00 Oncology/Hematology Rounds	8:00 – 12:00 Oncology Clinic
<b>PM</b>	12:00 – 1:00 Medical Lecture Series 1:00 – 5:00 Ward Consults	12:30 – 1:30 Breast TumorBoard 1:30 – 2:30 Heme Slides 2:30 – 5:00 Ward Consults	12:00 – 1:00 General Tumor Board 1:00 – 3:00 Ward Consults 3:00 – 5:00 Hematology Teaching	12:00 – 1:00 Morbidity & Mortality Conference 1:30 – 3:00 Hematology Grand Rds. 3:00 – 5:00 Ward Consults	1:00 – 3:00 Ward Consults 3:00 – 5:00 Oncology/Hematology Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** There is no night duty.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** They are also expected to attend Medical Grand Rounds, the Internal Medicine Lecture Series, and Morbidity and Mortality Conference.

**ME245.02 INFECTIOUS DISEASES**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/17/09

**COURSE CHAIR:**

John E. Edwards, Jr., M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-3813

**COURSE OBJECTIVES (in order of importance)**

1. Knowledge of pathogenesis, diagnosis, differential diagnosis, and management of urinary tract infection, pneumonia, endocarditis, meningitis, and parasitic infections.
2. Medical judgment, analysis of medical data, and synthesis of information.
3. Diagnosis and management of complex in-patient problems, fever of unknown origin, systemic mycoses, surgical infections, prosthetic infections, septic shock.
4. Interpretation of Gram stains, cultures, and serologies; reading of x-rays and radionuclide scans.
5. Knowledge of pharmacology and use of penicillins, cephalosporins, aminoglycosides, antifungal and antituberculosis drugs.
6. Knowledge of vaccination and other immunoprophylaxis, chemo-prophylaxis and prevention of infection.
7. Understanding pathogenesis of infection and host defense mechanisms and responses to infection.
8. Improved history and physical examinations.
9. Appropriate format for writing consultations.
10. Oral presentation of cases.

**SUPPORTING FACULTY:**

A. Bayer, M.D., S. Filler, M.D., L. Miller, M.D., MPH, M. Yeaman, Ph.D., C. Choi, M.D., K. Beck, M.D., E. Daar, M.D., M. Witt, M.D., G. Reig, M.D.

**STUDENT COORDINATOR:**

Samantha Balanon

**E-MAIL:** sbalanon@labiomed.org

**PHONE #:**

(310) 222-3813

**REPORT TO:**

Samantha Balanon, St. John's Cardiovascular Research Bldg, 2nd Floor, Rm 223, 8:30 AM first Monday of elective.

**PREREQUISITES:** Medicine, Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 4 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The purpose of this clerkship is to introduce the student to the most contemporary approaches for the prevention and management of infectious diseases, both in concept and practice.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Pneumonia
2. Urinary tract infections
3. Sepsis
4. Intraabdominal & wound infection
5. Fungal diseases
6. Endocarditis
7. Meningitis
8. Fever of unknown origin

**INPATIENT:** 100%  
**OUTPATIENT:** 0%  
**CONSULTATION:** 100%  
**PRIMARY CARE:** 0%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 25

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	9:30 – 10:30 Intake Rounds  12:00 – 1:00 Medicine Lect. Series  1:00 – 5:00 AIDS Clinic	8:30 – 9:30 Medical Grand Rounds 9:00 – 12:00 I.D. Clinic 10:00 – 11:00 Intake Rounds	8:00 – 12:00 AIDS Clinic  9:30 – 10:30 Intake Rounds	8:00 – 12:00 AIDS Clinic  9:30 – 10:30 Intake Rounds	8:30 – 9:30 Student/Resident Topic Session 9:30 – 10:30 Intake Rounds 12:00 – 1:00 I.D. Grand Rounds
<b>PM</b>	1:30 – 5:00 I.D. Teaching Rounds  2:00 – 3:15 Chest I.D. Combined Conference	1:30 – 3:00 Teaching Rounds	1:30 – 3:00 Teaching Rounds  1:30 – 3:30 Combined Rounds	1:30 – 4:00 Teaching Rounds  4:30 – 5:30 ID Didactic Course	1:30 – 3:30 (1 <sup>st</sup> & 3 <sup>rd</sup> Fridays) Adult ID Rounds 1:30 – 2:30 Peds/ID Combined Conference

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Service gives students higher than average responsibility for providing patient consultative services.

**ME250.01 GENERAL INTERNAL MEDICINE**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/17/09

**COURSE CHAIR:** Kathy Mostafaie, M.D.  
**PHONE #:** (310) 222-8157  
**E-MAIL:** kmostafaie@dhs.lacounty.gov

**SUPPORTING FACULTY:**  
Drs. Ayad Jindeel, Darrell Harrington, Janine Vintch, John Ford, and Kenamer Fellow

**STUDENT COORDINATOR:** Virginia Ramirez  
**PHONE #:** (310) 222 -2465  
**E-MAIL:** viramirez@dhs.lacounty.gov

**REPORT TO:**  
Harbor-UCLA Medical Center, B-212 at 9:00 am, (310) 222-2465 or 222-2466

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 3 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This course emphasizes the management of the complex medical problems of all hospital inpatients who are not on inpatient medical services. The pre-operative assessment of medical risks and complications is also stressed.

- COURSE OBJECTIVES (in order of importance)**
1. Teach/expose students to fundamental principles of General Internal Medicine and medical aspects of surgical diseases.
  2. General Medical consultation on all surgical services, including preoperative medical evaluation of risk factors and clearing or denying major surgical interventions.
  3. Management of post operative complications - surgical patients with previous myocardial infarction, arrhythmia, hypertension, diabetes, COPD, CHF, etc.
  4. Prevention of postoperative complications, including measures to prevent deep vein thrombosis (DVT), pulmonary embolism (PE), and postoperative infections.
  5. Ambulatory care clinic for General Medical care, including emphasis on the value of screening, early detection, and prevention of certain medical diseases, including cancer. Geriatric medicine is also emphasized.
  6. Didactic teaching of General Internal Medicine through regular weekly conferences and daily bedside medical rounds.
  7. Regular weekly rounds to learn about radiologic aspects of common medico-surgical diseases in the corresponding supporting divisions: x-ray, ultrasound, nuclear scan, etc.
  8. Teach/exposure to medical indications/contraindications and complications of general and spinal anesthesia.

**STUDENT EXPERIENCES**

<b>COMMON PROBLEMS/DISEASES</b>	<b>INPATIENT:</b> 70%	<b>CLOSE CONTACT WITH:</b>
1. Cardiac diseases	<b>OUTPATIENT:</b> 30%	X FULL-TIME FACULTY
2. Peripheral Vascular diseases		X CLINICAL FACULTY
3. Hypertension	<b>CONSULTATION:</b> 80%	X FELLOWS
4. Postoperative wound infections	<b>PRIMARY CARE:</b> 20%	X RESIDENTS
5. Postoperative pneumonia		INTERNS
6. GI and Bronchogenic carcinoma		OTHER:
7. Drug toxicities and interactions		
8. Complications of diabetes mellitus		

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 3 - 15

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 12 - 20

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:30 Clinical Conf. PCDC 8:30 Patient Care/ Consults 9:30 Consult Core Curric. 10:00 Perioperative Rnds	8:30 Grand Rounds 10:00 X-Ray Rounds 10:30 Perioperative Rounds	7:30 Clinical Conf. PCDC 8:30 Patient Care/ Consults 9:30 Consult Core Curric. 10:00 Perioperative Rnds	7:30 Clinical Conf. PCDC 8:30 Patient Care/ Consults 9:30 Consult Core Curric. 10:00 Attending Rnds	7:30 Clinical Conf. PCDC 8:30 Patient Care/ Consults 9:30 Consult Core Curric. 10:00 Perioperative Rnds
<b>PM</b>	12:00 - Internal Medicine Lecture 1:00 - Preoperative Clinic PCDC 3:30 - Perioperative Sign-Out Rounds	12:00 - EKG/CXR Conference 1:30 - Attending Rounds 3:30 - Perioperative Sign-Out Rounds	12:00 - Primary Care Grand Rounds 3:00 - Attending Rounds	12:00 - Medical M & M 1:30 - High Risk OB Clinic 3:30 - Perioperative Sign-Out Rounds	12:00 - Infectious Disease Conference 3:30 - Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** NONE

**ME260.04 NEPHROLOGY AND HYPERTENSION**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/16/09

**COURSE CHAIR:** Sharon Adler, M.D.  
**PHONE #:** (310) 222-3891  
**E-MAIL:** sadler@labiomed.org

**SUPPORTING FACULTY:**  
Drs. J. Kopple, L. Barba, R. Hirschberg, R. Mehrotra,  
K. Kalantar, L. Tong, R. Dukkupati

**STUDENT COORDINATOR:** Kathy Rowley  
**PHONE #:** (310) 222-3891  
**E-MAIL:** krowley@labiomed.org

**REPORT TO:** Harbor-UCLA Medical Center, Division of Nephrology and Hypertension, C1 Annex.

**COURSE OBJECTIVES (in order of importance)**

1. Knowledge of disease processes and problems: Acute and chronic renal failure, glomerulonephritis, interstitial nephritis, hypertension, dialysis, transplantation.
2. Medical judgment, analysis of medical data, and synthesis of information.
3. Interpretation of tests: Electrolytes, blood gasses, urinalysis.
4. Oral presentations.
5. Medical record keeping; data collection and recording.
6. Knowledge of drugs, particularly antihypertensive drugs.
7. Diagnosis and management of complex in-patient problems, particularly renal failure.
8. Knowledge of techniques or procedures: peritoneal and hemodialysis.

**PREREQUISITES:** Medicine

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The Division of Nephrology & Hypertension at Harbor-UCLA is responsible for an active consultative service on the general medical and other wards of a large and busy county hospital. There are numerous didactic sessions, seminar opportunities, and discussion with full-time staff. Students are free to attend any other teaching conferences at Harbor and spend time in the Division Research Laboratories.

**STUDENT EXPERIENCES**

- COMMON PROBLEMS/DISEASES**
1. Fluid and electrolyte problems
  2. Acid-base disorders
  3. Hypertension
  4. Acute glomerulonephritis
  5. Chronic Renal Disclosure
  6. Nephrotic syndrome
  7. CHronic renal failure
  8. Acute renal failure
  9. Chronic renal disease

**INPATIENT:** 75%  
**OUTPATIENT:** 25%  
**CONSULTATION:** 90%  
**PRIMARY CARE:** 10%

**CLOSE CONTACT WITH:**  
X FULL-TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X INTERNS  
OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>		8:30 – 9:30 Medical Grand Rounds  9:30 – 11:00 Core Curriculum Lecture	8:00 – 12:00 Renal Transplant Clinic	8:30 – 12:00 Nephrology Clinic	7:15 – 8:15 Basic Science Seminar*  10:00 – 12:00 Consult Rounds
<b>PM</b>	12:00 - 1:00: Medicine Lecture Series 1:00 - 2:30: Neph Grand Rds 3:00 – 5:00: Neph Rds 5:00 – 6:00: Transplant Rds (opt.)	2:00 – 5:00 Consult Rounds  5:00 – 6:00 Transplant Rounds (optional)	2:00 – 4:00 Consult Rounds  4:30 – 6:00 Journal Club, Renal Pathology+ Research Conference	12:00 – 1:00 Morbidity and Mortal- ity Conference  3:00 – 5:00 Consult Rounds	1:00 – 4:00 Hypertension Clinic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** \* Meet at Wadsworth VA for entire combined UCLA Nephrology Program; + Meet once monthly.

**ME270.05 RESPIRATORY PHYSIOLOGY AND MEDICINE CONSULT**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:**

Gregory M. Mason, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-2413

**COURSE OBJECTIVES (in order of importance)**

1. Integration of pulmonary physiology, radiology, and clinical decision making.
2. Understanding of the approach to the patient with acute or chronic dyspnea and acute and chronic respiratory failure.
3. Understanding of bronchoscopic and pathologic features in neoplastic and interstitial lung disease.
4. Diagnosis and management of suspected lung infection.
5. Evaluation of sleep apnea.
6. Controversies in asthma pathophysiology and treatment.

**SUPPORTING FACULTY:**

Respiratory Division Faculty

**STUDENT COORDINATOR:**

Louella Urasaki

**PHONE #:**

(310) 222-2413

**E-MAIL:** [lurasaki@dhs.lacounty.gov](mailto:lurasaki@dhs.lacounty.gov)

**REPORT TO:** Louella Urasaki, Main Building Hospital Basement (B-255), 8:30 a.m.

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This elective is structured around a busy consultation service, which is staffed by two pulmonary fellows, a medical resident, and an attending. The integration of medical, surgical, radiologic, pathologic, and physiologic features of lung disease is stressed at a weekly interdisciplinary Chest Conference staffed by faculty from these disciplines. The TB Conference addresses practical and theoretic issues in the current management of TB, MDR-TB with and without HIV infection.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Dyspnea evaluation 2. The problem asthmatic 3. Approach to pneumonia 4. Fever and HIV infection 5. Management of hemoptysis 6. Post-operative complication 7. Adult respiratory distress syndrome 8. Tuberculosis/lung cancer	<b>INPATIENT:</b>	90%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY X CLINICAL FACULTY X FELLOWS X RESIDENTS X INTERNS X OTHER: Allied health personnel
	<b>OUTPATIENT:</b>	10%	
	<b>CONSULTATION:</b>	100%	
	<b>PRIMARY CARE:</b>	0%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 3

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 13 - 15

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	12:15 – 1:00 Physiology Conference (PFT, etc.)  12:15 – 1:00 Chest X-Ray Conference (3rd Tues./Month)	8:30 – 9:30 Medical Grand Rounds		X-Ray Rounds Bronchoscopy Inpatient Rounds Medical Lecture	X-Ray Rounds Bronchoscopy Inpatient Rounds
<b>PM</b>	1:00 – 3:00 Consult Rounds  4:00 – 5:00 Special Lecture Series	1:00 – 2:00 TB Conference 2:00 – 3:00 Consult Rounds 4:00 – 5:30 Interdisciplinary Chest Conference	12-1 Pulmonary Grand Rounds  1:00 – 2:00 Consult Rounds	12:00 – 1:00 Medical Management Conference  1:00 – 5:00 Chest Clinic	1:00 – 2:30 Consult Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**ME275.02 RHEUMATOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:**

George A. Karpouzas, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-3697

**COURSE OBJECTIVES (in order of importance)**

1. Knowledge of common rheumatic and immune diseases, including rheumatoid arthritis, osteoarthritis, systemic lupus erythematosus, scleroderma, and gout.
2. Improved abilities in history taking and physical examination for rheumatic complaints.
3. Maturing medical judgment, analysis of data obtained from interpretation of serologic studies, joint fluid analysis with polarizing microscopy, and interpretation of x-rays of bones and joints.
4. Knowledge of drugs, including anti-inflammatory, steroidal immunosuppressive, and biologic agents.
5. Experience with ambulatory care of chronic musculoskeletal diseases.
6. Review American College of Rheumatology teaching materials – Independent study
  - a) clinical slide collection
  - b) High Impact Rheumatology for primary care physicians
  - c) up to date in rheumatology CD-ROMS

**SUPPORTING FACULTY:**

Dilrukshie V. Cooray, M.D.

**STUDENT COORDINATOR:**

Chasity Harris

**PHONE #:**

(310) 222-3690

**E-MAIL:** charris@labiomed.org

**REPORT TO:** Rheumatology Fellow, E2-South, Harbor-UCLA Medical Center (310) 501-2010

**PREREQUISITES:** Medicine and Surgery; Radiology preferred

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** Students evaluate and follow one to three inpatients for presentation to the attending staff during consultation rounds 5 days/week. During patient clinics, students evaluate the full spectrum of common and uncommon rheumatic diseases and present to the staff, 6 – 12 patients per week. Supervision and small-group teaching is provided by medical residents, subspecialty fellows, and the staff. Conferences and lectures in rheumatology, orthopaedics, allergy and radiology complete the program.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Rheumatoid Arthritis
2. Systemic Lupus Erythematosus
3. Osteoarthritis
4. Crystalline induced arthritis
5. Spondyloarthropathy
6. Infectious Arthritis
7. Vasculitis
8. Soft tissue pain
9. Dermatomyositis
10. Scleroderma

**INPATIENT:**

20%

**OUTPATIENT:**

80%

**CONSULTATION:**

25%

**PRIMARY CARE:**

75%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: Nurse specialists

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 10

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 120

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 12:00 Management Clinic	8:30 – 10:00 Medical Grand Rounds 10:00 – 12:00 Rheumatology Attending Rounds	10-12 Inpatient Rounds 12:00 Radiology Conference (Dr. D. Forrester)	8:00 – 12:00 Lupus/RA Clinic	10:00-12:00 Inpatient Rounds  Consults
<b>PM</b>	2:00-4:00 Inpatient Rounds 4:00 – 5:00 (TBA) Rheumatology Journal Club	1:00 – 6:00 General Arthritis Clinic	Consults Independent Study Rheumatology Journal Club at UCLA	2:00-4:00 Inpatient Rounds Independent Study	12:00 – 1:00 Rheumatology Grand Rounds at UCLA Consults Independent Study

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Presentations at Journal Club, and Preparing Submissions for publication (Clinical). (1)Defining project with Dr. Karpouzas 3 weeks prior. (2) Writing case report/ chart reviews during elective. (3) Reviewing American College of Rheumatology Slide Collection.

**NE250.01 CLINICAL NEUROLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:** Mark Morrow, MD  
**PHONE #:** (310) 222-3897  
**E-MAIL:** mmorrow@labiomed.org

**SUPPORTING FACULTY:** Drs. T. Anderson, M. Goldberg, & D. Naylor, Natalie Diaz, MD

**STUDENT COORDINATOR:** Nancy Gonzalez  
**PHONE #:** (310) 222-3897  
**E-MAIL:** nagonzalez@dhs.lacounty.gov

**COURSE OBJECTIVES (in order of importance)**

1. Knowledge of neurological disease processes and problems.
2. Medical judgment analysis of medical data and synthesis of information.
3. Improved history and physical examination.
4. Medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
5. Ambulatory neurology
6. Improving the doctor-patient relationship.
7. Library research and interpretation of literature pertinent to the case at hand.
8. Oral presentations.

**REPORT TO:** EEG, laboratory, 8E, Room 12 Harbor-UCLA Medical Ctr.

**PREREQUISITES:** Medicine, Neurology

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:** 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** Students will serve as neurological consultants to other services in the hospital. They will see the patient, evaluate the neurological problem, and write a consultation note. They will then review the case with a senior neurology resident and present the patient to the Attending Neurologist during consultation rounds. In addition, they will have the opportunity to participate in attending rounds on the Neurological Unit, evaluate patients in Neurology Clinic, and attend the combined Neurosciences Conferences.

STUDENT EXPERIENCES		
<b>COMMON PROBLEMS/DISEASES</b> 1. Cerebro-vascular disease 2. Altered mental state 3. Seizure disorders 4. Dementia 5. Coma 6. Cerebral tumors 7. Peripheral neuropathy 8. Spinal cord disease	<b>INPATIENT:</b>	70%
	<b>OUTPATIENT:</b>	30%
	<b>CONSULTATION:</b>	100%
	<b>PRIMARY CARE:</b>	0%
	<b>CLOSE CONTACT WITH:</b>	
	X	FULL-TIME FACULTY
	X	CLINICAL FACULTY
	X	FELLOWS
X	RESIDENTS	
X	INTERNS	
X	OTHER: EEG Tech	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Consultation (Ward Rounds)	Specialty Clinics	Consultation (Ward Rounds)	8:30 Neurology Clinic	8:00 – 9:00 X-Ray Conference 9:30 – 11:00 Neuroscience Conference 11:00 – 12:00 Neuropathology
<b>PM</b>	Consultations	Attending Rounds	Consultations	Attending Rounds	Consultation (Ward Rounds)

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** No night call or weekend call required; may elect to accompany neurology resident on night call as desired.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**OG322.03 HIGH RISK OBSTETRICS**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/13/09

**COURSE CHAIR:**  
Marie H. Beall

**PHONE #:**  
(310) 222-3565

**E-MAIL:**

**SUPPORTING FACULTY:**

Drs. C. Archie, R. Eden, S. Kjos, M. Ross, and L. Yonekura

**STUDENT COORDINATOR:**

Mitzi Matherson

**PHONE #:**  
(310) 222-1289

**E-MAIL:** [mmatherson@obgyn.humc.edu](mailto:mmatherson@obgyn.humc.edu)

**REPORT TO:** 1 A4 on the first day of the rotation at 8:00 am.

**COURSE OBJECTIVES (in order of importance)**

1. Increase understanding of maternal and fetal physiology.
2. Diagnosis and management of pregnant patients with medical and obstetrical complications during the antepartum, intrapartum, and postpartum periods.
3. Understanding the impact of pathologic conditions on the course of pregnancy and the effect of pregnancy on certain disease processes.
4. Knowledge of fetal and maternal antepartum assessment and surveillance in high risk pregnancies.
5. Improve skills in clinical diagnosis and the use of laboratory tests and procedures in perinatal medicine.
6. Oral presentations and group discussions.
7. Library research of pertinent literature dealing with perinatal problems

**PREREQUISITES:** Core clerkships in Ob/Gyn, Medicine, Surgery and Pediatrics

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** The student will observe and participate in the evaluation and management of complicated pregnancies in the inpatient and outpatient settings. At the end of the rotation the student will present a 30 minute talk on a topic to be agreed on by the student and faculty Course Chair.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Premature labor & rupture of membranes
2. Hypertensive disorders in pregnancy
3. Diabetes mellitus in pregnancy
4. Cardiovascular & pulmonary disease in pregnancy
5. Infectious disease in pregnancy
6. Third trimester bleeding
7. Abnormal fetal growth & postdates pregnancy
8. Multiple gestation

**INPATIENT:** 30%  
**OUTPATIENT:** 70%  
**CONSULTATION:** 0%  
**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Nurse Midwives & Nurse Practitioners

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 15

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 200

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:00 - OB Rounds 8:00 – 9:30 OB M&M Conference 9:30 – 10:30 Grand Rounds	7:00 - OB Rounds 8:00 - Residents Conference Fetal Assessment	7:00 - OB Rounds 8:00 - Residents Conference Special OB Clinic	7:00 - OB Rounds Fetal Assessment Clinic	7:00 - OB Rounds Research Time
<b>PM</b>	Ultrasound Clinic	Labor & Delivery	Labor and Delivery	Special OB Clinic	Special OB Clinic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** The student will be assigned to follow high-risk pregnancies in the antepartum service. The student will be expected to make a 30 minute presentation on a topic to be arranged with the course chair.

**OG340.03 GYNECOLOGICAL ONCOLOGY**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:**  
Samuel Im, M.D.

**PHONE #:**  
(310) 222-2997

**E-MAIL:**

**SUPPORTING FACULTY:**  
Reza Mohajer, M.D.

**STUDENT COORDINATOR:**  
Mitzi Matherson

**PHONE #:**  
(310) 222-1289

**E-MAIL:** [mmatherson@obgyn.humc.edu](mailto:mmatherson@obgyn.humc.edu)

**REPORT TO:** 1 A4 at 8:00 a.m.

**PREREQUISITES:** Medicine, Obstetrics and Gynecology, Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This comprehensive subinternship is designed to provide in-depth exposure to Gynecologic Oncology for fourth-year students. This rotation is appropriate for students wishing to evaluate the residency program, those interested in Ob/Gyn or Gyn Oncology as a career choice, those interested in other surgical specialties who desire additional exposure to this patient population and set of procedures, those interested in Medical Oncology, and those interested in Geriatrics and/or Palliative Care for the terminally ill. The student will act at the level of an intern. Subject material covered will include gestational trophoblastic disease, vulvar neoplasms, cervical disease and neoplasia, uterine neoplasms, ovarian neoplasms, chemotherapeutic principles, complicated perioperative/ postoperative care, and palliative care.

**STUDENT EXPERIENCES**

<b>COMMON PROBLEMS/DISEASES</b> 1. Ovarian cancer 2. Cervical cancer 3. Uterine cancer 4. Gestational trophoblastic disease 5. Vaginal/vulvar cancer 6. Gynecologic premalignant disease 7. Surgical techniques/complications 8. Palliative/end-of-life care	<b>INPATIENT:</b>	70%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY FELLOWS X RESIDENTS X INTERNS X OTHER: Nurse practitioners
	<b>OUTPATIENT:</b>	30%	
	<b>CONSULTATION:</b>	10%	
	<b>PRIMARY CARE:</b>	90%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 15

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 80 - 100

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:00 - Attending Ward Rounds 8:00 - 10:00 - M&M/ Grand Rounds 11:00 - 12:00 Tumor Board	7:00 Attending Ward Rounds Operating Room	7:00 Attending Ward Rounds Patient Care	7:00 Attending Ward Rounds Patient Care	7:00 Attending Ward Rounds Operating Room
<b>PM</b>	1:00 - 5:00 Tumor Clinic	1:00 - 5:00 Operating Room	1:00 - 5:00 Research Time	1:00 - 5:00 Abnormal Cytology Clinic	1:00 - 5:00 Operating Room

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** There will be no night or weekend call.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** The weekly schedule will vary depending on the operative schedule.

**OG357.01 AMBULATORY WOMEN'S HEALTH ELECTIVE: OB/GYN PERSPECTIVE**

Subinternship

Location: HARBOR/ASSOC

2010-2011  
Revised: 12/16/09

**COURSE CHAIR:**

Griselda Gutierrez, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-8233

**COURSE OBJECTIVES (in order of importance)**

1. Enhance diagnostic and management clinical skills in ambulatory Ob/Gyn care, especially in the sites where women seek episodic care.
2. Understand the concept of population-based medical care.
3. Appreciate the social issues and barriers in accessing care for women who are medically uninsured or under-insured, and/or living in under-served communities.
4. Develop skills in assessing social contexts of illnesses and disease.
5. Apply Ob/Gyn skills in the broader context of women's health.
6. Develop specific clinical skills, including vaginal microscopy, transvaginal ultrasound and refinement of skills in the pelvic and breast examinations.
7. Improve management of specific clinical issues, including: acute bleeding and pain, contraception, infertility, hormonal management menopause and perimenopause, sexually transmitted infections and preventive health care.
8. Exposure to abortion service (optional).

**SUPPORTING FACULTY:**

Drs. A. Nelson, L. Betson, J. Brotherton, O. Khorram, T. Yazdany, R. Mohajer, B. Weiss, and N. Bhatia

**STUDENT COORDINATOR:**

Mitzi Matherson

**E-MAIL:** [mmatherson@obgyn.humc.edu](mailto:mmatherson@obgyn.humc.edu)

**PHONE #:**

(310) 222-1289

**REPORT TO:** 1 A4 at 8:00 a.m. on the first day of the rotation.

**PREREQUISITES:** Family Medicine, Inpatient Medicine, Outpatient Medicine, Pediatrics, Ob/Gyn, and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** This elective is for students who are interested in a broader view of women's health. The goal is to direct the students' attention to issues in women's health (such as barriers to access to care) by caring for women who have only episodic access (Urgent Care Clinic) or access through special categorical programs (Family Planning). The full range of ages of women, from reproductive through menopausal aged women, will be cared for. Students will have primary responsibility for the assessment of the patient and the development of management plans. Students will have ongoing daily contact with faculty, fellows, and residents, and will be expected to contribute to the weekly formal didactic sessions.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Abnormal vaginal bleeding
2. Chronic Pelvic pain
3. Early pregnancy complications
4. Climacteric
5. Sexually transmitted infections
6. Contraception
7. Infertility
8. Abnormal pap smears
9. Urogynecology
10. Vulvovaginal Complaints

**INPATIENT:** 0%  
**OUTPATIENT:** 100%  
**CONSULTATION:** 60%  
**PRIMARY CARE:** 40%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Gyn nurse practitioners

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** up to 30

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** >=25

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 9:30 OB M&M Conference 9:30 – 10:30 Grand Rounds Gynecology Urgent Care	1 Week Family Planning Clinic N-28  2 Weeks Chronic Pelvic Pain Clinic	8:00 Residents Conference  Hysteroscopy or Urgent Care	Gynecology Urgent Care/Abnormal Cytology (procedure)	Gynecology Urgent Care
<b>PM</b>	Gynecology Urgent Care	Urogynecology Clinic	Gynecology Urgent Care	Abnormal Cytology Clinic (Evaluation)	Reproductive Endocrinology Clinic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This elective will be conducted in different clinical sites at Harbor/UCLA Med. Ctr. (Gynecologic Urgent Care and the Women's Health Care Clinic). During the last week of the rotation each student will give a presentation on the unique health issues faced by an underserved population such as that seen at Harbor-UCLA Medical Center.

**OP250.02 OPTHALMOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:**

Sherwin J. Isenberg, M.D.  
JoAnn Giaconi, M.D. – Co-Chair

**E-MAIL:**

**SUPPORTING FACULTY:**

Richard Hoft, M.D. and JoAnn Giaconi, M.D.

**STUDENT COORDINATOR:**

Stephanie Steele

**E-MAIL:** ssteele128@hotmail.com

**PHONE #:**

(310) 222-2731

**PHONE #:**

(310) 222-2731

**COURSE OBJECTIVES (in order of importance)**

1. More advanced knowledge of common ophthalmic diseases.
2. Improve skills in ophthalmic history and examination.
3. Participate in consultations to see relation of the eye to systemic diseases.
4. Specifically, learn use of slit lamp biomicroscope and indirect ophthalmoscope.
5. Observe surgical procedures.
6. Gain enough skill to primarily care for selected outpatients by the 3rd or the 4th week.
7. Participate in teaching conferences.

**REPORT TO:** Dr. Isenberg, 2nd Floor, Conference Room  
2G12 at 8:00 a.m.

**PREREQUISITES:** Medicine; Ophthalmology is strongly recommended

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** Students will, at their own pace, take ophthalmic histories, examine patients, and suggest diagnosis and management. They will observe surgery. Lectures and other instructions will be provided. This is a "hands on" rotation in that students will be part of the eye clinic team.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Red eye
2. Strabismus
3. Glaucoma
4. Cataracts
5. Retinal disorders
6. Post-operative patients
7. Trauma

**INPATIENT:** 10%  
**OUTPATIENT:** 90%  
**CONSULTATION:** 10%  
**PRIMARY CARE:** 90%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 25

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 275

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Trauma & Grand Rounds General Clinic New Pt. Peds Clinic (Return) New Pt. Peds Clinic Surgery	External Disease Symp. Chief Resident Rounds, Observe Neuro-Oph. Clinic Surgery  General Clinic	Consultations General Clinic Contact Lens Clinic	Observe Surgery or Retina Clinic Glaucoma Clinic Plastic Surgery Clinic General Clinic	Pediatric Ophthalmology Symposium (monthly)  New Pt. Peds Clinic General Clinic Minor Surg. Clinic
<b>PM</b>	Laser Treatments General Clinic Journal Club (Monthly) New Pt. Peds Clinic New Pt. Peds Clinic (Return)	Pediatric Ophthalmology Clinic  Laser Treatments Ext. Dis. Clinic General Clinic	Attend Teaching Conferences and Rounds At The Jules Stein Eye Institute  Optometry Clinic	Laser Treatments General Clinic	General Clinic Laser Treatments

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Observation of trauma surgery is optional.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**OS350.03 ORTHOPAEDIC SURGERY**

Subinternship

Location: HARBOR

2010-2011  
Revised: 11/18/09

**COURSE CHAIR:**

Louis M. Kwong, M.D.

**PHONE #:**

(310) 222-2716

**E-MAIL:** lmkwongmd@hotmail.com

**SUPPORTING FACULTY:**

Drs. S. Gold, W. Hohl, L. Kwong, B. Zinar, B. Magovern, A. Ahn, T. Schmalzried, G. Yoshida, and B. Thomas

**STUDENT COORDINATOR:**

Maria Garibay

**PHONE #:**

(310) 222-2718

**E-MAIL:** magaribay@ladhs.org

**REPORT TO:** Maria Garibay, Harbor-UCLA Medical Center, 4th Fl., Rm. 4LI at 8:30 a.m.

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 6 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This elective is designed for students with an interest in Orthopaedic Surgery. Students will function as subinterns seeing patients primarily, then participate in surgery with the attending. The surgical problems are complex and include the evaluation and treatment of general orthopaedic problems seen in a typical community population.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Fracture and dislocations
2. Ligamentous injuries
3. Hand injuries and infections
4. Common pain syndrome
5. Spine problems
6. Joint dysfunction--acute and chronic
7. Complications- lower ext. peripheral vascular disease
8. Musculoskeletal infections

**INPATIENT:** 30%  
**OUTPATIENT:** 70%  
**CONSULTATION:** 0%  
**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: OT, PT, Orthopaedic technicians

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 10

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 550

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Clinic or Surgery	Clinic or Surgery	7:00 Trauma QA  8:00 Grand Rounds/Clinic or Surgery	Clinic or Surgery	Clinic or Surgery
<b>PM</b>	Clinic or Surgery  X-Ray Review	X-Ray Review/ Anatomy 5:00 – 8:00: Didactic & Basic Science Lects Journal Rev. Quality of Care (once a month) Motor Skills Wkshop	Clinic or Surgery  X-Ray Review	Clinic or Surgery  X-Ray Review	X-Ray Review  Clinic or Surgery

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Generally every third 24 hours. Weekend call arranged to provide one free weekend per month.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students will be assigned to one of the three general orthopaedic services whose major patient load is trauma. Exposure to the subspecialties of hand, foot, arthritis, pediatrics, sports medicine, scoliosis, spine, amputee, and foot care can be arranged if requested.

**PA250.01 ANATOMICAL PATHOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:** Samuel French, M.D.  
**PHONE #:** (310) 222-2643  
**E-MAIL:** sfrench@labiomed.org

**SUPPORTING FACULTY:**  
Div. of Anatomical Pathology and other AP faculty

**STUDENT COORDINATOR:** Adriana Flores  
**PHONE #:** (310) 222-2643  
**E-MAIL:** adflores@dhs.lacounty.gov

- COURSE OBJECTIVES (in order of importance)**
1. Exposure to general surgical pathology.
  2. Instruction in necropsy pathology.
  3. Learning the functions of a Pathologist as a consultant.
  4. Acquiring a basic foundation for the practice of medicine.
  5. Exposure to aspiration cytology.
  6. Exposure to bone marrow aspirations.

**REPORT TO:** Robert Morin, M.D., Harbor-UCLA Medical Center, 2nd Floor South, Room 2A, 8:30 a.m.

**PREREQUISITES:** None

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This in-depth elective is designed to provide 4th year medical students with an introduction to and instruction in morphological pathology based on the daily activities of an academic Department of Pathology in an acute general hospital. At the conclusion, the clerk will have had intimate contact with the role and activities of Pathologist Care. At the end of the 3 weeks rotation the student will give a half hour seminar on a topic of their choice to improve their communication skills.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Necropsy Pathology 2. Surgical Pathology 3. Clinical Cytology 4. Bone Marrow Pathology 5. Aspiration Cytology 6. Diagnostic Electron Microscopy 7. Forensic Pathology 8. Morphological Hematology	<b>INPATIENT:</b>	N/A	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY FELLOWS X RESIDENTS X INTERNS OTHER:
	<b>OUTPATIENT:</b>	N/A	
	<b>CONSULTATION:</b>	5%	
	<b>PRIMARY CARE:</b>	95%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 10%

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** N/A

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:15 – 9:15 Frozen Section Conference  GYN. Pathology Conference	Hemato. Pathology Conference	7:30 – 9:30 Surgical Morbidity and Mortality Conference  8:30 – 9:30 Show and Tell Conf.	Autopsy  10:00am-10:30am Gross Micro-Radiology Correlation Conference.	9:00 – 10:00 Pathology Grand Rounds  11:00 – 12:00 Neuropathology Conference
<b>PM</b>	1:00 – 2:00 Breast Tumor Conference	12:30 Breast Tumor Board  4:00 – 5:00 Pulmonary Pathology Conference Breast Clinic	12:00 Tumor Board	12:00 Medical M&M Conf.  5pm GI Pathology Hematopathology Conference	2:00 – 3:00 Brain Cutting Conference

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** None

**SU391.05 RECONSTRUCTIVE PLASTIC SURGERY**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/8/09

**COURSE CHAIR:**  
J. Brian Boyd, M.D.

**PHONE #:**  
(310) 222-2760

**COURSE OBJECTIVES (in order of importance)**

1. Gain an understanding of wound healing according to tissue wounded.
2. Describe current concepts of wound healing.
3. Describe the reconstruction ladder as it applies to wound healing.
4. Demonstrate the ability—by a full history and physical examination—to properly assess a wound and formulate a plan for its closure.
5. Apply medical evidence to support decision making—particularly with regard to timing of intervention—when planning therapy.
6. Interpret the results of tests, specifically wound culture (qualitative and quantitative), bacterial sensitivities, plain X-Rays, CT and MRI scans and indicators of nutrition; and then integrate these data in formulating the overall management of a wounded patient.
7. Perform the simple techniques of layered wound closure, skin grafting, and application of VAC devices under supervision.
8. Assist at complex surgeries for wound repair such as musculocutaneous flaps and free tissue transfer.
9. Identify the costs of managing wounds as inpatients versus outpatients with visiting nurse support.
10. Demonstrate an effective Doctor-Patient relationship.
11. Analyze the use of the health care team in caring for patients in reconstructive surgery.

**SUPPORTING FACULTY:**  
Jay Granzow, M.D.

**STUDENT COORDINATOR:**  
Juanita Navarette

**PHONE #:**  
(310) 222-2760

**E-MAIL:** [jnavarette@labiomed.org](mailto:jnavarette@labiomed.org)

**REPORT TO:** Building E1, Harbor-UCLA Medical Center, 7:30 a.m., to Juanita Navarette

**PREREQUISITES:** Internal Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The course focuses on the many wounds seen by a busy plastic surgery service in a major county hospital. These may include decubitus ulcers, limb trauma, meningomyelocele, burns, surgical wound infections, gunshot injuries to the face, work-related hand injuries, and simple facial lacerations. The student will learn to assess and treat each and how to integrate knowledge of the individual's underlying diseases, socioeconomic/family milieu with the wounding process. S/he will become familiar with bandaging and dressings, the choice of suture and needle, and the timing of suture removal. The individual will see in patients, OR, ER, and clinic patients and will gain a "soup-to-nuts" appreciation of how the body essentially heals itself. There is 1 resident on the service and 2 interns. The elective student will be placed in the front line and when on-call will generally be the first on the service to evaluate a patient. The student's hours will stay within ACGME guidelines for resident training.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Complex lacerations, face and hands
2. Traumatic soft tissue loss
3. Major wound dehiscence
4. Compound wounds of the lower limb
5. Decubitus ulceration
6. Gunshot injuries
7. Burns
8. Neonatal/pediatric problems

**INPATIENT:** 50%  
**OUTPATIENT:** 50%  
**CONSULTATION:** 50%  
**PRIMARY CARE:** 50%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 15 +

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 60

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	OR	Clinic  Intern and Student Presentations	Surgical rounds Laptop rounds  OR	Craniofacial/Pediatric Clinic  Teaching Ward round	Clinic  Intern and Student Presentations
<b>PM</b>	OR	Ward work	OR	Ward work	Ward work

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Student on call Tuesday & Thursday and for 1 Friday-Sunday weekend in the rotation.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This is not a 'top heavy' service: the student will enjoy a high level of responsibility and involvement in patient care.

**SU410.03 ADVANCED CARDIOTHORACIC SURGERY**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/8/09

**COURSE CHAIR:**

Bassam Omari, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-2747

**COURSE OBJECTIVES (in order of importance)**

1. Understanding of basic cardiovascular physiology.
2. Understanding of basic pulmonary physiology and pulmonary function tests.
3. Application of basic principles to the intensive care of critically ill patients with cardiorespiratory disease.
4. Understanding of the major categories of cardiac disease: ischemic, acquired valvular, and congenital.
5. Understanding of invasive and non-invasive data in the management of cardiac disease.
6. Knowledge of the evaluation and surgical management of patients with bronchogenic cancer and other pulmonary disease.
7. Exposure to basic skills including thoracentesis, chest tube insertion, and the placement of monitoring lines (arterial, Swan-Ganz, CVP).
8. Ability to assess a patient with penetrating or blunt chest trauma and develop a treatment plan.

**SUPPORTING FACULTY:**

Bassam Omari, M.D.

**STUDENT COORDINATOR:**

Lilia Stuart, R.N.

**E-MAIL:** [lstuart@dhs.lacounty.gov](mailto:lstuart@dhs.lacounty.gov)

**PHONE #:**

(310) 222-2747

**REPORT TO:** Harbor-UCLA Medical Center, 3rd floor, Room #312, at 9:00 a.m.

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This course is designed to allow the student to function as a member of the patient care team on a busy cardiothoracic surgical service in a hospital with an active trauma center. The role as a sub-intern will require a student with motivation, responsibility, and diligence.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Coronary artery disease
2. Valvular heart disease
3. Bronchogenic carcinoma
4. Congenital heart disease
5. Penetrating thoracic trauma
6. Blunt thoracic trauma
7. Thoracic inflammatory disease
8. Pericardial disease

**INPATIENT:**

95%

**OUTPATIENT:**

5%

**CONSULTATION:**

5%

**PRIMARY CARE:**

95%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 4

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 13

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	6:30 – 8:00 Ward Rounds  8:00 – 3:30 Patient Care, Operating Room or Reading	6:30 – 8:00 Ward Rounds  8:00 – 1:00 Patient Care, Operating Room or Reading	6:30 – 7:30 - Ward Rds. 7:30 – 8:30 - Surgical Grand Rnds 8:30 –9:00 - Morbidity & Mortality Conf. 9:00 – 3:00 Patient Care, O.R. or Reading	6:30 – 8:00 Ward Rounds  8:00 – 3:00 Patient Care, Operating Room or Reading	8:00 – 10:00 Pathophysiology Conference (VA Medical Center)  10:00 – 12:00 Chief's Rounds
<b>PM</b>	5:00 – 6:00 Attending Rounds	1:00 – 4:00 Outpatient Clinic 4:00 – 5:00 - Medical/ Surgical Chest Clinic 6:00 – 7:30 - Thoracic Grand Rounds (UCLA)	4:30 – 5:00 - Adult Cardiology Conf. 5:00 – 7:00 - Attending Round	3:00 – 5:00 Attending Rounds	3:00 – 5:00 Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** On call as needed.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**COURSE CHAIR:** Brant Putman, M.D.  
**PHONE #:** (310) 222-5251  
**E-MAIL:** brantputnam@hotmail.com

**SUPPORTING FACULTY:**  
 Drs. Frederic Bongard, David Rosing, and Angela Nelville.

**STUDENT COORDINATOR:** Teresa Scanlon  
**PHONE #:** (310) 222-2795  
**E-MAIL:** scanlontp@aol.com

**REPORT TO:** Harbor-UCLA, 3WICU, report to the Surgical

**PREREQUISITES:** Inpatient Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** Students will receive an intense overview of surgical and trauma-related diseases in the Surgical Intensive Care Unit at Harbor-UCLA. Basic critical care principles such as management of brain trauma, sedation, and analgesia, ventilator management, hemodynamic support, acid/base, fluids and electrolytes, surgical nutrition, and sepsis/organ dysfunction will be emphasized. Students will have a hands-on experience by actively evaluating and managing new patients, performing bedside procedures such as flexible bronchoscopy, chest tubes, and central line insertions with supervision, participating in daily rounds with faculty, and giving an oral presentation at the end of the rotation during the Trauma/Critical Care Conference.

- COURSE OBJECTIVES (in order of importance)**
1. Gain an understanding of fluid resuscitation and the use of hemodynamic support in trauma/surgical patients
  2. Describe the use of pulmonary artery catheters in surgical patients.
  3. Gain an understanding of the management of ventilators for acute respiratory failure.
  4. Demonstrate a focused history and physical examination using the primary and secondary survey for a trauma or surgical patient.
  5. Describe the management of traumatic brain injury and other surgical CNS diseases.
  6. Interpret arterial blood gases.
  7. Manage electrolyte and metabolic problems in the critically ill patient.
  8. Gain a basic understanding of the principles of surgical nutrition.
  9. Describe the principles of managing a critically ill patient with intra-abdominal or intra-thoracic sepsis.
  10. Perform ICU procedures, including central line and arterial line insertions, tube thoracostomy, and flexible bronchoscopy.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Multisystem trauma
2. Septic shock/severe sepsis
3. Acute respiratory failure
4. Hypovolemic shock
5. Acute renal insufficiency
6. Myocardial infarction
7. Damage control surgery
8. Ischemic bowel

**INPATIENT:** 95%  
**OUTPATIENT:** 5%  
**CONSULTATION:** 0%  
**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**  
 X FULL-TIME FACULTY  
 CLINICAL FACULTY  
 FELLOWS  
 RESIDENTS  
 INTERNS  
 OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 25

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 100

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	6AM-8AM ICU Teaching Rounds 9AM-10AM ICU X-Ray Rounds 10AM-12PM ICU Patient Evaluation/Management	6AM-8AM ICU Teaching Rounds 9AM-10AM ICU Professor Teaching Rounds 10AM-11AM ICU Multidisciplinary Rounds	6AM-7:30AM ICU Teaching Rounds 7:30AM-8:30AM Dept. of Surgery Grand Rounds 8:30AM-10AM Surgery M&M	6AM-8AM ICU Teaching Rounds 8:30AM-10AM Trauma/Critical Care Teaching Conference 11AM-12PM Surgery Junior Housestaff Lecture	6AM-8AM ICU Teaching Rounds 10AM-12PM ICU Patient Evaluation/Management
<b>PM</b>	1PM-4PM ICU Patient Evaluation/Management 4PM-5PM ICU WorkRounds	1PM-4PM ICU Patient Evaluation/Management 4PM-5PM ICU WorkRounds	12PM-4PM ICU Patient Evaluation/Management 4PM-5PM ICU WorkRounds	1PM-4PM Trauma Clinic 4PM-5PM ICU WorkRounds	1PM-4PM ICU Patient Evaluation/Management 4PM-5PM ICU WorkRounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** 1 overnight call per week

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**SU450.02 GENERAL SURGERY**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/8/09

**COURSE CHAIR:**  
Fred Bongard, M.D.

**PHONE #:**  
(310) 222-2768

**FAX:**  
**E-MAIL:**

**SUPPORTING FACULTY:**

**STUDENT COORDINATOR:**  
Teresa Scanlon

**PHONE #:**  
(310) 222-2795

**FAX:**  
**E-MAIL:** [scanlontp@aol.com](mailto:scanlontp@aol.com)

**REPORT TO:** Dept. of Surgery, 3 East, Room 36, 8:30 a.m.

**COURSE OBJECTIVES (in order of importance)**

1. Familiarity with the treatment and diagnosis of patients who have general surgical diseases, particularly of the liver and biliary system, the pancreas, the gastrointestinal tract, breasts and vascular system.
2. Learn to manage patients with trauma.
3. Opportunity for performing minor technical procedures under supervision.
4. Intensive care unit experience.

**PREREQUISITES:** Surgery, Medicine

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 8 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This elective will give the student the opportunity to participate, as a subintern, in the care of the general surgical patient. The student should choose between working two weeks on two of the services, which is preferred, (including vascular, colorectal, GI, oncology, and trauma-critical care) or four weeks on any one service, pending availability. You will function as a subintern, taking care of patients particularly assigned to you. In-house call one night in four, including weekends.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. The acute abdomen 2. Trauma victims 3. Critical care 4. Carcinoma colon & GI tract 5. Inflammatory bowel disease 6. Breast disease 7. Obstructive jaundice & other biliary problems	<b>INPATIENT:</b>	75%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY X FELLOWS X RESIDENTS X INTERNS X OTHER: 3rd year students
	<b>OUTPATIENT:</b>	25%	
	<b>CONSULTATION:</b>	25%	
	<b>PRIMARY CARE:</b>	75%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 6

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Ward Rounds	9AM Trauma Didactic Conference  9:00 Breast Clinic	7:30 Grand Rounds  8:30 M&M Conference  11:00 GI Conf.	9AM Trauma Conference Ward Rounds  Operating Room	Operating Room
<b>PM</b>		12:00 Breast Conf.  Operating Room  1:00 Breast Clinic	12:00 Tumor Board Clinics  1:00 GI Oncology Clinic	1:00 Trauma Clinic	Operating Room

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Call schedule: Every fourth night. Required conferences—Surgery Grand Rounds, 8:30 – 10:00 a.m., Saturday.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**SU290.01 OTOLARYNGOLOGY/HEAD & NECK SURGERY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011

Revised: 12/9/09

**COURSE CHAIR:**

Rinaldo Canalis, M.D.,  
 Eliot Abemayor, M.D., Ph.D.,  
 Joel Sercarz, M.D., Marie St. John, M.D., Ph.D.

**PHONE #:**

(310) 222-2737

**COURSE OBJECTIVES (in order of importance)**

1. Practical exposure to clinical otolaryngology.
2. Development of diagnostic skills and management of routine otolaryngological problems.
3. Improve basic surgical skills by direct surgical exposure to major cases and by undertaking minor procedures under direct supervision.
4. Improved understanding of the roles of audiology and speech pathology in the management of head and neck related problems.

**SUPPORTING FACULTY:**

**STUDENT COORDINATOR:**

Maryellen Alvarez

**PHONE #:**

(310) 222-5451

**E-MAIL:** [sethd10@yahoo.com](mailto:sethd10@yahoo.com)

**REPORT TO:** Head and Neck Clinic — 8:30 Main Hospital -  
 Second Floor, Room 2F6.

**PREREQUISITES:** Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 3 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The student will be able to see and evaluate, under direct supervision of both the housestaff and faculty, a large variety of ENT problems. The service is very active. Conferences are held on Wednesdays. Grand Rounds at Harbor are followed by the Head and Neck Professor's conference and the Otological conference at UCLA.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Neck infections 2. Otitis media 3. Head and Neck cancer 4. Maxillofacial fractures 5. Laryngeal disorders 6. Pediatric problems	<b>INPATIENT:</b>	0%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY X CLINICAL FACULTY FELLOWS X RESIDENTS INTERNS OTHER:
	<b>OUTPATIENT:</b>	100%	
	<b>CONSULTATION:</b>	10%	
	<b>PRIMARY CARE:</b>	90%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 25

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 113

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:30 - Rounds	7:30 - Rounds		7:30 - Grand Rounds	7:30 - Rounds
	9:00 – 10:00 Audiology	9:00 – 10:00 Operating Room	7:30 - Rounds	9:00 – 10:00 Operating Room	9:00 – 10:00 Clinic
	10:00 – 12:00 Clinic	10:00 – 12:00 Clinic			
<b>PM</b>	1:00 – 4:00 Clinic	1:00 – 4:00 Clinic		1:00 – 4:00 Clinic	1:00 – 4:00 Clinic
	4:30 Rounds	4:30 Rounds		4:30 Rounds	4:30 Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** For 4-week course, list 2 consecutive time blocks in an Inclusion Group.

**SU310.02 GENERAL VASCULAR SURGERY**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/9/09

**COURSE CHAIR:** Christian de Virgilio, M.D.  
**PHONE #:** (310) 222-2531  
**E-MAIL:** cdevirgilio@labiomed.org

**SUPPORTING FACULTY:**  
Drs. Carlos Donayre, Joe Chauvapun, & Rodney White

**STUDENT COORDINATOR:** Loren Miyamoto  
**PHONE #:** (310) 222-2702  
**E-MAIL:** surgerylm@aol.com

- COURSE OBJECTIVES (in order of importance)**
1. To develop skills in the pre- and postoperative management of vascular surgery patients.
  2. To develop knowledge in the diagnosis and management of claudication, carotid disease, aneurysms, acute limb ischemia, diabetic foot infections, and hemodialysis access.
  3. To develop an understanding of radiographic interpretation of vascular disease.
  4. To develop an understanding of cardiac risk assessment and risk/benefit ratios of various vascular surgical procedures through twice weekly didactic sessions and literature review.

**REPORT TO:** Call Loren Miyamoto the Friday before you start at (310) 222-2702 and get Vascular Chief Resident's name and number to call for "reporting location."

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 30, 33, 36, 39, 42

**DESCRIPTION:** The course is primarily designed for students interested in the advanced study in vascular disease, particularly for those planning a surgical career. However, the course welcomes other students, especially those planning primary care careers, who wish to gain more knowledge of common vascular disorders. The course will be appropriately tailored to the student's career goals.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Diabetic foot infections 2. Acute limb ischemia 3. Cerebrovascular disease 4. Claudication 5. Hemodialysis access 6. Aortic aneurysm (endovascular)	<b>INPATIENT:</b>	80%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY FELLOWS X RESIDENTS X INTERNS OTHER:
	<b>OUTPATIENT:</b>	20%	
	<b>CONSULTATION:</b>	10%	
	<b>PRIMARY CARE:</b>	90%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 50

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	6:30 – 7:30 Ward Rounds  8:00 – 4:00 Operating Room	6:30 – 7:30 Ward Rounds  8:00 – 2:00 Endovascular Suite Operating Room	6:30 - 7:30: Ward Rds 7:30 - 8:30: Grand Rds 8:30 - 10:00: M&M Conf. 10:00 – 11:00 Vasc /Rad. Conf.	6:30 – 7:30 Ward Rounds  8:00 – 2:00 Endovascular Suite Operating Room	6:30 – 7:30 Ward Rounds  8:00 – 4:00 Operating Room
<b>PM</b>	Evening Rounds	Evening Rounds	1:00 – 5:00 Vas/Surgery Clinic  Evening Rounds	12:00 – 1:00 Didactic Session  Evening Rounds	2:00 – 3:00 Didactic Session  Evening Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** On-call once per week. One day off every week.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students are expected to give one presentation on a topic chosen by course chair.

**SU320.02 INTRODUCTION TO TRAUMA PATIENT MANAGEMENT**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/16/09

**COURSE CHAIR:**  
Stanley Klein, M.D.

**PHONE #:**  
(310) 222-2795

**E-MAIL:**

**SUPPORTING FACULTY:**  
Marianne Gausche, M.D.

**STUDENT COORDINATOR:**  
Teresa Scanlon

**PHONE #:**  
(310) 222-2795

**E-MAIL:** [scanlontp@aol.com](mailto:scanlontp@aol.com)

**COURSE OBJECTIVES (in order of importance)**

1. Ability to perform a thorough evaluation of the traumatized and emergency patient; to establish priorities of management.
2. To increase knowledge and skills in patient evaluation and pre- and post-operative management.
3. Demonstration of proficiency for the diagnosis and management of the multiply injured patient.
4. Learn to evaluate the injured patient in the pre-hospital setting. This includes triage of the patient to the inpatient phase of care.
5. Students will learn the concepts stated in *Advanced Trauma Life Support* from the American College of Surgeons Committee on Trauma.

**REPORT TO:** Harbor-UCLA Main Unit, 3rd floor, East wing, Room 36, 0830 on 1st day

**PREREQUISITES:** Completion of third year Medicine and Surgery Electives

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This elective will give the student the opportunity to study comprehensive care of the surgical patient. There will be exposure to all phases by working in the field with paramedics and analyzing patient management at several conferences. Concomitantly the student will be assigned to the Orange (Trauma) Surgery Service to assist in the management of patients during their in-hospital phase. Course didactic material will emphasize principles outlined in the *Advanced Trauma Life Support (ATLS)* manual. During the course and the rotation, the student will attend several weekly conferences where the care and outcome of patient management is reviewed.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Blunt traumatic injury 2. Motor vehicular accidents 3. Falls 4. Penetrating injury 5. Gunshot wounds 6. Stab wounds	<b>INPATIENT:</b>	80%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY X FELLOWS X RESIDENTS X INTERNS OTHER:
	<b>OUTPATIENT:</b> (field)	20%	
	<b>CONSULTATION:</b>	0%	
	<b>PRIMARY CARE:</b>	100%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5 - 6

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 10 - 13

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Rounds Clinical work	Rounds	Morbidity Conference Rounds	Rounds Critical Care Conference	Rounds
<b>PM</b>			Clinical Work	Clinic	Clinical Work

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Will follow inpatients and be on call as scheduled. Paramedic ride along will include weekend activity.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** None

**RA250.03 RADIOLOGY OVERVIEW**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/7/09

**COURSE CHAIR:**

Adam Sommerstein, M.D

**PHONE #:**

(310) 222-2851

**COURSE OBJECTIVES (in order of importance)**

1. The student will develop an approach to reading routine plain films, and will be able to recognize common and important pathologic processes.
2. The student will develop a basic knowledge of body CT and neuro CT anatomy, and will be able to recognize major pathologic processes, such as tumor, inflammation, traumatic injuries, vascular abnormalities.
3. The student will develop an understanding of the appropriate use of ultrasound, MRI, and nuclear medicine in diagnosis and treatment.
4. The student will develop a basic understanding of Radiation Therapy.

**SUPPORTING FACULTY:**

Drs. Diament, Eckel, Fischer, Khalkhali, Lee, Mehringer, Mlikotic, Phillips, Renslo, Sommerstein, Tanoura, Varma, Walot, Zimmerman, Garjian, Sheikh, and Barankiewitz

**STUDENT COORDINATOR:**

Mrs. Linda Tesso

**PHONE #:**

(310) 222-2851

**E-MAIL:** [ltesso@dhs.lacounty.gov](mailto:ltesso@dhs.lacounty.gov)

Margaret Hardy

(310) 222-2809

**E-MAIL:** [mhardy@dhs.lacounty.gov](mailto:mhardy@dhs.lacounty.gov)

**REPORT TO:** Harbor-UCLA Med Ctr Main Hospital, 2nd Floor West, Room 34. If Monday is a holiday, call (310) 222-2847

**PREREQUISITES:** Pediatrics, Ambulatory & Inpatient Medicine, Surgery, and Ob/Gyn

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 8 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** During the first two weeks of the elective, the students are required to attend and participate in formal lectures/conferences which cover the various areas in imaging, i.e., GI/GU, pediatric, chest, bone, neuroradiology, CT/MRI/ultrasound, nuclear medicine, and radiation therapy. During the third week the students may attend film review session in the area(s) of their choice, observe radiologic and interventional procedures, and make use of the radiology teaching file.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Neuroradiology: stroke, tumor, trauma
2. GU: stones/obstruction, pyelonephritis, tumor
3. Musculoskel. fracture, arthritis, tumor, benign normal variants
4. Pediatrics: congenital abnormalities, prematurity
5. GI: obstruction, GI tract cancer, inflammatory conditions (appendicitis, colitis, diverticulitis)

**INPATIENT:** 40%  
**OUTPATIENT:** 20%  
**ER** 40%  
  
**CONSULTATION:** N/A  
**PRIMARY CARE:** N/A

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Technicians

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** N/A

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 1,875

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:30 - 9:00 - Orientation w/ Dr. Sommerstein (1st week only)/ Learning Lab 9:00 - 11:00 - Learning Lab (B-2W, Rm. 6)	8:30 - 11:00 Body Imaging with Dr. Garjian Or Body Imaging CT & UTS with Dr. Renslo	8:30 - 11:00 Learning Lab	8:30 - 11:00 Radiation Therapy with Dr. Zimmerman or Learning Lab and Musculoskeletal with Dr. Varma	8:30 - 11:00 Learning Lab
<b>PM</b>	1:00 - 4:00 Bone with Dr. Fischer or Interventional with Dr. Tanoura	1:00 - 4:00 Learning Lab Or GI/GU with Dr. Khalikhali	1:00 - 4:00 MRI with Dr. Phillips or Neuro with Dr. Walot	1:00 - 4:00 Learning Lab	1:00 - 4:00 Pediatrics with Dr. Diament Or Chest with Dr. Mlikotic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** No call.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** On the last day of the elective students are required to turn in a written description of exactly what they did and what they learned while on the elective.

**COURSE CHAIR:**  
Adam Sommerstein, M.D

**PHONE #:**  
(310) 222-2851

**COURSE OBJECTIVES (in order of importance)**

1. The student will refine his/her skills in film interpretation of common pathologic processes.
2. The student will develop an understanding of technical factors which limit film interpretation.
3. The student will develop an understanding of the appropriate use of advanced imaging techniques such as MRI and nuclear medicine.
4. Students may participate in review sessions in areas of interest, to further enhance their future education.

**SUPPORTING FACULTY:**

Drs. Diament, Eckel, Fischer, Khalkhali, Lee, Mehringer, Mlikotic, Phillips, Renslo, Sommerstein, Tanoura, Varma, Walot, and Zimmerman, Garjian, Sheikh, and Barankiewicz

**STUDENT COORDINATOR:**

Mrs. Linda Tesso (310) 222-2831  
Margaret Hardy (310) 222-2809

**PHONE #:**

**E-MAIL:** [tesso@dhs.lacounty.gov](mailto:tesso@dhs.lacounty.gov)  
[mhardy@dhs.lacounty.gov](mailto:mhardy@dhs.lacounty.gov)

**REPORT TO:** Harbor-UCLA Med Ctr Main Hospital, 2nd Floor West, Room 34. If Monday is a holiday, call (310) 222-2847.

**PREREQUISITES:** Pediatrics, Ambulatory & Inpatient Medicine, Surgery, and Ob/Gyn

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 8 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
By Arrangement

**DESCRIPTION:** Students are expected to attend film review sessions in the area(s) of their choice, e.g., ER, neuroradiology, body CT, MRI, pediatrics, nuclear medicine, ultrasound, mammography. Students are also encouraged to observe radiologic and interventional procedures, and make use of the radiology teaching file. If a student wishes to concentrate his/her time within a particular specialty in radiology, it is advisable to obtain permission of the attending who heads that area prior to scheduling the rotation. Students are welcome to attend Radiology Overview conferences (when applicable) and regular resident conferences.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Neuroradiology: stroke, tumor, trauma
2. GU: stones/obstruction, pyelonephritis, tumor
3. Musculoskel. fracture, arthritis, tumor, benign normal variants
4. Pediatrics: congenital abnormalities, prematurity
5. Thoracic: inflam (pneumonia, TB), primary & metastatic cancer, pneumothorax/effusion, inhalational, COPD
6. GI: obstruction, GI tract cancer, inflammatory conditions (appendicitis, colitis, diverticulitis)
7. Hepatobiliary: cholecystitis, benign and malignant tumors, biliary obstruction, pancreatitis
8. Cardiovascular: valve disease, CHF, dissection and aneurysm, traumatic injury, grafts

**INPATIENT:** 40%  
**OUTPATIENT:** 20%  
**ER** 40%  
  
**CONSULTATION:** N/A  
**PRIMARY CARE:** N/A

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Technicians

**APPROXIMATE # OF PATIENTS EVALUATED EACH WK BY STUDENT:** N/A

**TOTAL # OF PATIENTS EVALUATED EACH WK BY ENTIRE SERVICE:** 7,500

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	<p><u>Reading Session:</u> ER, US, CT Body, Mammography, Pediatrics, Chest, Neuroradiology – CT, MRI – Body  <u>Procedure:</u> Angio/Interventional, GI/GU  <u>Clinic:</u> Radiology Oncology  <u>Teaching File</u></p>				
PM	<p><u>Reading Session:</u> ER, US, CT Body, Nuclear Medicine, Neuroradiology – MRI  <u>Procedure:</u> Angio/Interventional  <u>Teaching File</u></p>				

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** No call.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** On the last day of the elective students are required to turn in a written description of exactly what they did and what they learned while on the elective.

Advanced Clinical Clerkship

Location: HARBOR

2010-2011

Revised: 12/8/09

**COURSE CHAIR:**

Julia Chung, M.D.

**PHONE #:**

(310) 222-8125

**E-MAIL:****SUPPORTING FACULTY:**

David Stone, M.D., Donna Mendelson, MD

**STUDENT COORDINATOR:**

Pat Venaglia

**PHONE #:**

(310) 222-3394

**E-MAIL:** pvenaglia@dmh.lacounty.gov**REPORT TO:** Harbor-UCLA M.C., Bldg. 1 South, Room 19 at 8:30 a.m.**COURSE OBJECTIVES (in order of importance)**

1. Biopsychosocial approach to the medically ill.
2. Improved psychiatry evaluation in the medically ill.
3. Diagnosis of complex psychiatric disorders.
4. Knowledge of DSM-IV.
5. Knowledge of psychotropic medication in the medically ill.
6. Psychiatric syndromes/toxicities related to medications.
7. Multidisciplinary approach to the medically and psychiatrically ill.
8. Improved doctor-patient relationship.
9. Oral presentations.
10. Medical record keeping.
11. Knowledge of psychometric testing.

**PREREQUISITES:** Psychiatry and Medicine**AVAILABLE FOR EXTERNS:** Yes**STUDENTS / PERIOD:** max 1 min 1**DURATION:** 3 weeks**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** The HIV Psychiatry Service at Harbor-UCLA Medical Center is an outpatient consultative service which evaluates adults in all stages of HIV infection. A variety of psychiatry disorders are seen. Emphasis is placed on evaluating biological, psychological, and social factors manifesting in psychiatric disorders. The Psychiatric Consultation/Liaison Service is an inpatient service that evaluates patients hospitalized for medical/surgical treatment. Emphasis is placed on understanding the influence of chronic psychiatric conditions on medical care, the psychiatric conditions that may be associated with medical conditions, and the use of psychotropics in the medically ill.

**STUDENT EXPERIENCES****COMMON PROBLEMS/DISEASES**

1. Depression/Mood Disorders
2. Dementia
3. Delirium
4. Substance Abuse
5. Psychotic Disorders
6. Adjustment Disorders
7. Competency and Consent Issues
8. Medication Reactions/Toxicities

**INPATIENT:**

70%

**OUTPATIENT:**

30%

**CONSULTATION:**

100%

**PRIMARY CARE:**

0%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** C/L: 10 – 12; HIV: 8**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 60**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	9:00 – 11:00 Resident Rounds	9:00 – 11:00 Resident Rounds	9:00 – 11:00 Resident Rounds	9:00 – 11:00 Resident Rounds	9:00 – 11:00 Resident Rounds
	11:00 – 12:00 C/L Rounds	11:00 – 12:00 C/L Rounds	11:00 – 12:00 C/L Rounds	11:00 – 12:00 C/L Rounds	11:00 – 12:00 C/L Rounds
PM	1:00 – 4:00 C/L Rounds	3:00 – 4:30 Grand Rounds	1:00 – 4:00 C/L Rounds	1:00 – 4:00 C/L Rounds	1:30 – 2:30 C/L Lecture Series
					2:30 – 4:00 C/L Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** The student will spend two afternoons half-days in the HIV Psychiatry Clinic under the direct supervision of the attending psychiatrist, plus 1 – 1/2 hours /week of individual supervision. The remainder of the time will primarily be spent on the inpatient C/L Service, under the supervision of the attending and third-year psychiatry residents. The student will also attend two seminars each week with the psychiatry residents, and the Grand Rounds for the Department of Psychiatry.

**PS220.01 PSYCHIATRIC CRISIS MANAGEMENT**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/8/09

**COURSE CHAIR:**

Samuel Sessions, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-3394

**COURSE OBJECTIVES (in order of importance)**

1. Develop diagnostic skills.
2. Become familiar with crisis intervention
3. Become intro. to individual and family psychotherapy.
4. Recognize who needs to be hospitalized and treated.
5. Understand psychopathology.
6. Learn psychotropic medication.

**SUPPORTING FACULTY:**

Ben Furst, MD  
Michael Makhinson, MD

**STUDENT COORDINATOR:**

Pat Venaglia

**E-MAIL:** pvenaglia@dmh.lacounty.gov

**PHONE #:**

(310) 222-3394

**REPORT TO:** Harbor-UCLA, South, Room 1, 8:30 a.m.

**PREREQUISITES:** Psychiatry

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 3 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This is an excellent opportunity to experience a multidisciplinary, integrated approach to the care of psychiatric patients. Non-UCLA externs may elect to participate for periods greater than three weeks as conforms with your institution's schedule. The South Unit is a 14-bed unit with length of stay approximately 7-10 days. There is also a 24-bed unit on 8 West with the same 7-10 days length of stay. Students electing this advanced clerkship will be assigned to a specific team, and will have an opportunity to work independently with patients suffering from a wide variety of psychiatric disorders under direct supervision of the attending. (Please see additional comments below.)

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Schizophrenia 2. Manic depressive illness 3. Major depression 4. Suicidality 5. Personality disorders 6. Marital and family problems 7. Adjustment disorders 8. Organic disorders	<b>INPATIENT:</b>	100%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY X CLINICAL FACULTY FELLOWS X RESIDENTS X INTERNS X OTHER: Psychologists and Psychiatric Social Workers
	<b>OUTPATIENT:</b>	0%	
	<b>CONSULTATION:</b>	30%	
	<b>PRIMARY CARE:</b>	70%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 15

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 120

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:45 – 9:30 Rounds	8:30 – 11:00 Inpatient Lecture	8:45 – 9:30 Child Psychiatry	8:45 – 9:30 Rounds	8:45 – 9:30 Rounds
	9:30 – 12:00 Patient Care	11:00 – 12:00 Patient Care	10:30 – 11:00 Patient Care	9:30 – 12:00 Patient Care	9:30 – 12:00 Patient Care
<b>PM</b>	1:00 – 4:30 Patient Care	1:00 – 3:00 Patient Care	1:00 – 4:30 Patient Care	1:00 – 4:30 Patient Care	1:00 – 4:30 Patient Care
		3:00 – 4:30 Dept. Conf. Parlow Auditorium			

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** One evening per week in the Psych. ER

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Additional opportunities include participation in group and family therapy sessions as well as chances to attend mental health court to observe court testimony and forensic psychiatric evaluations. There is a focus upon diagnostic workups and biological interventions within a psychosocial and sociocultural framework. The psychiatry modules are richly staffed inpatient units with a multidisciplinary team, including attending psychiatrist, two psychiatric residents, and a full complement of nursing, psychology, social work and occupational therapy staff.

**PS265.04 DUAL DIAGNOSIS TREATMENT PROGRAM**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011

Revised: 12/8/09

**COURSE CHAIR:**

John Tsuang, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-5362

**COURSE OBJECTIVES (in order of importance)**

1. Know the prevalence of dual diagnosis patients.
2. Understand diagnostic strategy for dual diagnosis patients.
3. Demonstrate ability to assess a dual diagnosis patients.
4. Learn about treatment strategy for dual diagnosis patients
5. Know and able to apply some psychosocial treatment principles.
6. Know about psychopharmacological options in the treatment of dual diagnosis patients.
7. Know about overall drug and mental health treatment strategy and aftercare progress for them.

**SUPPORTING FACULTY:**

Faculty in Psychology & Social Works, and Psychiatry departments

**STUDENT COORDINATOR:**

Pat Venaglia

**E-MAIL:** pvenaglia@dmh.lacounty.gov

**PHONE #:**

(310) 222-4091

**REPORT TO:** Harbor/UCLA D2, 9:00 am, Dr. John Tsuang

**PREREQUISITES:** Psychiatry and Neurology

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** This program is purposely flexible to meet the needs of individual students. The rotation is based out of the outpatient treatment program at Harbor/UCLA. There are core group, individuals, and med clinics that students need to attend. There are some assigned readings.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Mental illness, Axis I disorders 2. Substance abuse 3. Detoxification/Stabilization 4. Understand interaction of drugs and psych conditions 5. Personality disorders 6. Medical conditions secondary to chronic drug use.	<b>INPATIENT:</b>	0%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY FELLOWS X RESIDENTS X INTERNS X OTHER:
	<b>OUTPATIENT:</b>	100%	
	<b>CONSULTATION:</b>	10%	
	<b>PRIMARY CARE:</b>	90%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 10

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	9:00-12:00 Team meeting and groups	9:00-12:00 Team meeting and groups	9:00-12:00 Team meeting and groups	9:00-12:00 Team meeting and groups	9:00-12:00 ER/team groups
<b>PM</b>	1:00 – 5:00 Individual therapy and diadectics	1:00 – 5:00 Grand rounds and individual therapy	1:00 – 5:00 Teaching rounds	1:00 – 5:00 Individual therapy and case management	1:00 – 5:00 Individual therapy and teaching rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**PS320.01 EMERGENCY PSYCHIATRY**

Subinternship

Location: HARBOR

2010-2011  
Revised: 12/8/09

**COURSE CHAIR:**

David Ruskin, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-3144

**COURSE OBJECTIVES (in order of importance)**

1. Gain proficiency in formulating different psychiatry diagnoses and management in an emergency setting, i.e., schizophrenia, bipolar disorder, major depression, drug psychosis, etc.
2. Acquire familiarity with emergency psychopharmacologic intervention through the use of various psychotropic medications.
3. Develop skills in psychiatric interviewing technique, performing mental status examination, and gathering information for a complete psychiatric history.
4. Learn to make accurate assessments of suicidal and/or dangerous patients and develop plans for proper management.
5. Learn crisis intervention strategies to intervene with non-psychotic patients.
6. Learn to assess and treat patients with different dual diagnoses, i.e., medically and psychiatrically ill patients and also those with coexisting substance problems.

**SUPPORTING FACULTY:**

Drs. A. Djenderedjian, I Lesser, K. Burgoyne, D. Stone, W. Procci, and Samson Cho

**STUDENT COORDINATOR:**

Pat Venaglia

**E-MAIL:** pvenaglia@dmh.lacounty.gov

**PHONE #:**

(310) 222-3394

**REPORT TO:** Psychiatric Emergency Room, Harbor-UCLA Medical Center at 8:00 a.m.

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 3 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The Psychiatric Emergency Service of Harbor-UCLA Medical Center provides evaluation and treatment to approximately 9000 patients a year. Its catchment area includes over 1% of the population of the USA. Direct clinical experience is provided to medical students with an emphasis on bedside teaching.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Schizophrenia 2. Drug psychosis and substance abuse 3. Bipolar disorder 4. Major depression 5. Personality disorder 6. Panic and anxiety disorder 7. Obsessive compulsive disorder 8. Adjustment disorder	<b>INPATIENT:</b>	0%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY X CLINICAL FACULTY X FELLOWS X RESIDENTS X INTERNS X OTHER: Nurses
	<b>OUTPATIENT:</b>	100%	
	<b>CONSULTATION:</b>	10%	
	<b>PRIMARY CARE:</b>	90%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 30

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 750

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 9:00 Morning Rounds	8:00 – 9:00 Morning Rounds	8:00 – 9:00 Morning Rounds	8:00 – 9:00 Morning Rounds	8:00 – 9:00 Morning Rounds
	9:00 – 9:30 Case Assignment	9:00 – 9:30 Case Assignment	9:00 – 9:30 Case Assignment	9:00 – 9:30 Case Assignment	9:00 – 9:30 Case Assignment
<b>PM</b>	4:30 Check out Rounds	3:00 – 4:30 Psychiatry Grand Rounds  4:30 – 4:40 Check-out Rounds	4:30 – 4:40 Check-out Rounds	4:30 – 4:40 Check-out Rounds	4:30 – 4:40 Check-out Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Optional, per request by students.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**PE320.01 PEDIATRIC EMERGENCY MEDICINE**

Subinternship

Location: HARBOR

2010-2011

Revised: 12/16/09

**COURSE CHAIR:** Dr. S. Inkelis **PHONE #:** (310) 222-3500 or (310) 222-6745

**E-MAIL:**

**SUPPORTING FACULTY:**  
Drs. Carol Berkowitz, Monica Sifuentes, Sara Stewart, and Kelly Young

**STUDENT COORDINATOR:** Lisa Payne **PHONE #:** (310) 222-2343

**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** Stanley Inkelis, M.D., Pediatric Emergency Department, 1st Floor, Harbor-UCLA Medical Center.

**PREREQUISITES:** Pediatrics, Medicine, Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The elective in Pediatric Emergency Medicine is designed to familiarize the student with care of the acutely ill pediatric patient. In addition, the student will be exposed to a paramedic unit and a child abuse team.

- COURSE OBJECTIVES (in order of importance)**
1. Recognize common acute ambulatory pediatric problems, such as upper respiratory infections, otitis media, gastroenteritis, rashes, asthma, trauma, etc.
  2. Demonstrate improved history-taking and physical examination skills.
  3. Perform oral presentation of clinical cases.
  4. Demonstrate medical judgment, analysis of medical data, and synthesis of information.
  5. Perform techniques or procedures (e.g., lumbar punctures, arterial blood gas).
  6. Interpret tests and special skills such as CBC, blood smears, urinalysis, sed rate, electrolytes, blood gases, reading of x-rays.
  7. Recognize drugs frequently used in pediatrics, such as antimicrobials, anticonvulsants, antipyretics, and bronchodilators.
  8. Demonstrate medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
  9. Become familiar with an adolescent clinic, paramedic unit and child abuse unit.
  10. Improve the doctor-patient relationship.

**STUDENT EXPERIENCES**

- COMMON PROBLEMS/DISEASES**
1. URI/Otitis media
  2. Skin diseases
  3. Gastroenteritis
  4. Asthma
  5. Abdominal pain
  6. Pneumonia
  7. Trauma -- lacerations, fractures
  8. Urinary tract infections

**INPATIENT:** 0%  
**OUTPATIENT:** 100%  
**CONSULTATION:** 0%  
**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**  
X FULL-TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X INTERNS  
X OTHER: Nurses, Paramedics

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 45

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 450

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 8:30 Chart Rounds  8:30 – 12:00 Peds ED	8:00 – 8:30 Chart Rounds 8:30 – 9:30 Peds ED Conference 9:30 – 12:00 Peds ED	8:00 – 8:30 Chart Rounds  8:30 – 12:00 Peds ED	8:00 – 8:30 Chart Rounds 8:30 – 9:30 Grand Rounds 9:30 – 12:00 Peds ED	8:00 – 8:30 Chart Rounds 8:30 – 9:30 Case Conference 9:30 – 12:00 Peds ED
<b>PM</b>	1:00 – 5:00 Peds ED	1:00 – 5:00 Peds ED	1:00 – 5:00 Peds ED	1:00 – 5:00 Paramedic Ride Along	1:00 – 5:00 Peds ED

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** 2-3 night shifts/week (4 p.m.–12 p.m.) in place of daytime shifts and one weekend shift.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** One day is spent riding with a paramedic unit. One day is spent with the Sheriff's Department child abuse unit. When available, one half day every week is spent in an adolescent clinic. Attendance at noon time resident conference is encouraged.

**PE420.01 PEDIATRIC CRITICAL CARE SUBINTERNSHIP**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/8/09

**COURSE CHAIR:**

Richard Mink, M.D.

**PHONE #:**

(310) 222-4002

**FAX:**

**SUPPORTING FACULTY:**

Dr. Bonnie Rachman, Dr. Sonho Lee, and Dr. Tom Kallay

**STUDENT COORDINATOR:**

Lisa Payne

**PHONE #:**

(310) 222-2343

**FAX:**

**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** PICU 6th Floor @ 8:00 a.m.

**COURSE OBJECTIVES (in order of importance)**

1. To be able to recognize the clinical presentation of a critically ill infant and child.
2. To understand how to manage fluids and electrolytes.
3. To learn about the types of shock and their treatment.
4. To gain a basic appreciation of respiratory distress and/or failure in infants and children and its management, including the use of mechanical ventilation.
5. To understand the clinical presentation, pathophysiology and treatment of traumatic injuries in children.
6. To acquire a basic understanding of medications used for hemodynamic support.

**PREREQUISITES:** Pediatrics, Medicine, and Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** The PICU at Harbor-UCLA is a multidisciplinary unit with approximately 600 admissions annually. Admissions to the PICU encompass a wide variety of common pediatric diseases, such as respiratory failure and traumatic injury. In addition to the medical student, the team includes a pediatric critical care attending and fellow, and two pediatric residents.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b>	<b>INPATIENT:</b>	100%	<b>CLOSE CONTACT WITH:</b>
	<b>OUTPATIENT:</b>	0%	
	<b>CONSULTATION:</b>	0%	
	<b>PRIMARY CARE:</b>	100%	
1. Respiratory Failure			X FULL-TIME FACULTY
2. Cardiac Disease			CLINICAL FACULTY
3. Shock			X FELLOWS
4. Sepsis			X RESIDENTS
5. Trauma			INTERNS
			OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 3

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 13 - 18

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:00-7:30: Sign out received by PICU residents from Night Float (NF) 7:30-7:45: Morning Report w/ Dr. Jonas (NF) 7:45-8:30: Pre-round 8:30-9:30: Bedside Rds Attending	7:00- 7:30 Sign out received by PICU residents from NF 7:30 - 7:45 Morning Report w/ Dr. Jonas (NF) 7:45-8:30: Pre-round 8:30-9:30: ER Conference	7:00- 7:30: Sign out received by PICU residents from NF 7:30 - 7:45: Morning Report w/ Dr. Jonas (NF) 7:45-8:30: Pre-round 8:30-9:30: Bedside Rounds Attending	7:00- 7:30: Sign out received by PICU residents from NF 7:30 - 7:45: Morning Report w/ Dr. Jonas -NF 7:45-8:30: Pre-round 8:30-9:30: Pediatric Grand Rounds	7-7:30 Signout received PICU residents from NF 7:30-7:45 Morning report w/ Dr. Jonas 7:45-8:30 Pre-Round 8:30-9:30 Clinical Case Conference
<b>PM</b>	9:30-9:45: X-Ray Rds 9:45-11:30: Bedside Rds/ Didactic 12:00-1:00: Res. Conf. 5:00pm Short call resident off duty 7:00: PICU resident NF sign-out	9:30-11:30 Bedside Rounds/Didactic 12:00 - 1:00 Critical Care Conf. 5:00pm: Short call resident off duty 7:00 PICU resident NF sign out	9:30-9:45: X-Ray Rounds 9:45-11:30: Bedside Rounds/Didactic 12:00 - 1:00: Res. Conf. 5:00pm: Short call resident off duty 7:00 PICU resident NF sign out	9:30-12:00: Bedside Rounds/Didactic With Attending 5:00pm: Short call resident off duty 7:00: PICU resident - NF sign out	9:30-9:45 X-Ray Rounds 9:45-11:30 Bedside Rounds w/ Attending 5PM Short Call Resident off duty 7PM PICU resident- Night Float signout

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** In-house overnight call every 4th night (w/a resident). One weekend day, each week. Saturday/Sunday: bedside rounds with attending.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** NOTE: Residents MUST examine their patients and collect appropriate data prior to rounds with senior resident and attending.

**PE450.04 GENERAL PEDIATRICS**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/14/09

**COURSE CHAIR:**

Monica Sifuentes, M.D.

**PHONE #:**

(310) 222-3080

**COURSE OBJECTIVES (in order of importance)**

1. Refine techniques of history and physical examination.
2. Improve concepts of patient evaluation and management.
3. Diagnose and manage complex inpatient problems, such as sepsis, respiratory distress.
4. Develop sophisticated differential diagnosis.
5. Strengthen links between basic biomedical science and clinical pediatrics.
6. Acquire proficiency with common pediatric procedures.
7. Improve oral presentations of patient problems and clinical issues.
8. Improve methods for retrieval of pertinent data from biomedical literature.
9. Recognize the important roles of all health care professionals in patient care.

**SUPPORTING FACULTY:**

Dr. Paul Fu (Ward Director), other pediatric faculty

**STUDENT COORDINATOR:**

Lisa Payne

**PHONE #:**

(310) 222-2343

**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** 6th Floor – Room 42

**PREREQUISITES:** Pediatrics, Medicine, Surgery, Obstetrics-Gynecology

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The student will function as a sub-intern, assuming the duties and responsibilities of a pediatric intern, including night call every four evenings, but with a lighter patient load. Students will be assigned to the Children's Ward.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Acute respiratory disorders
2. Acute gastroenteritis & dehydration
3. Emergent trauma
4. Acute pediatric surgical conditions
5. Serious infections
6. Growth, developmental & nutritional disorders
7. Congenital heart disease
8. Acute neuro., hemato., endo., renal & genetic disorders of infancy, childhood & adolescence

**INPATIENT:**

90%

**OUTPATIENT:**

10%

**CONSULTATION:**

0%

**PRIMARY CARE:**

100%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	7:30 – 8:00: Work Rounds 8:00 – 8:30: Morning Report 8:30 – 11:30: X-ray Conference & Attending Rounds	7:30 – 8:00 Work Rounds  8:30 – 10:30 Attending Rounds	7:30 – 8:00: Work Rounds 8:00 – 8:30: Morning Report 8:30 – 11:30: X-ray Conference & Attending Rounds	7:30 – 8:30 Work Rounds 8:30 – 9:30 Pediatric Grand Rounds 10:30 – 12:00 Attending Rounds	7:30 – 8:00: Work Rounds 8:00 – 8:30: Case Conference 10:30 – 12:00: Attending Rounds
<b>PM</b>	New patient workups	New patient workups	New patient workups	New patient workups	New patient workups

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Every fourth evening and one weekend day; attending rounds on Saturday or Sunday morning, depending on call schedule.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** One in seven days off, averaged over three weeks.

**PE485.04 NEONATOLOGY ICU PATIENT MANAGEMENT**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/16/09

**COURSE CHAIR:**

Virender Rehanj, M.D.

**PHONE #:**

(310) 222-1963

**COURSE OBJECTIVES (in order of importance)**

1. Experience in the primary management of complicated neonatal disease as a member of the NICU team.
2. Techniques of management of tiny premature infants, infants with RDS and other lung disease, infants with sepsis, post-surgical neonatal management, and neonatal asphyxia.
3. Knowledge of approaches to neonatal nutrition.
4. Experience participating in neonatal transport.
5. Experience in performing umbilical artery catheterization, spinal taps, intubations, chest tubes, and other procedures in newborns.
6. Experience in interacting with parents with sick infants.
7. Experience in delivery room resuscitation techniques.
8. Experience in dealing with the complex ethical issues that surround the care of the tragic infant.
9. The opportunity to integrate complicated obstetric and neonatal histories.

**SUPPORTING FACULTY:**

Lynne Smith, M.D., Solomon Laktineh, M.D., Virender Rehan, M.D.

**STUDENT COORDINATOR:**

Lisa Payne

**PHONE #:**

(310) 222-2343

**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** 6th Floor Lobby Office – 8:00 a.m.

**PREREQUISITES:** Pediatrics, Medicine, Surgery, Obstetrics/  
Gynecology

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** Students will participate as a full member of the NICU team. They will be assigned patients, and they will be the primary care provider for their patients. They will be closely supervised by the resident, fellow, and faculty member. They will attend teaching rounds, work rounds, conferences and take night calls.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Premature infants
2. RDS
3. Other neonatal lung diseases
4. Neonatal asphyxia
5. Bilirubin problems
6. Nutritional problems
7. Neonatal surgery
8. Congenital malformations

**INPATIENT:** 95%  
**OUTPATIENT:** 5%  
**CONSULTATION:** 0%  
**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 20

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Work Rounds Faculty Teaching Rounds Neonatal X-Ray Conf. Patient Care	Work Rounds Faculty Teaching Rounds Patient Care	Work Rounds Prenatal Case Conf. Neonatal X-Ray Conf. Patient Care	Work Rounds Grand Rounds Patient Care	Work Rounds Chief's Rounds Neonatal X-Ray Conf. Patient Care
<b>PM</b>	Patient Care Faculty Teaching Rounds	Patient Care Faculty Teaching Rounds	Patient Care Faculty Teaching Rounds	Faculty Teaching Rounds Patient Care	High-Risk Neonatal Follow-up Clinic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** On call every fourth night; weekends free except for on call and review of patient progress each morning.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**PE485.06 NEONATAL-PERINATAL MANAGEMENT**

Subinternship/Inpatient

Location: HARBOR

2010-2011  
Revised: 12/16/09

**COURSE CHAIR:**

Virender Rehan, M.D.

**PHONE #:**

(310) 222-1963

**COURSE OBJECTIVES (in order of importance)**

1. Experience in management of intermediate level newborn infants as a member of the nursery team.
2. Experience in neonatal resuscitation techniques.
3. Experience in correlating neonatal disease with obstetric histories and maternal diseases.
4. Caring for patients with neonatal asphyxia, hypoglycemia, prematurity, apnea of prematurity, suspected sepsis, congenital abnormalities, heart disease.
5. Experience in performing arterial catheterization, spinal tap, septic workup, intubation.
6. Experience in the care of growing premature infants.
7. Learning the skills to distinguish sick from suspect newborn infants.
8. Taking night call in the neonatal ICU.

**SUPPORTING FACULTY:**

Lynne Smith, M.D., Solomon Laktineh, M.D., Julie Noble, M.D., Virender Rehan, M.D.

**STUDENT COORDINATOR:**

Lisa Payne

**PHONE #:**

(310) 222-2343

**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** 6th Floor Lobby Office – 8:00 a.m.

**PREREQUISITES:** Pediatrics, Medicine, Surgery, Obstetrics/ Gynecology

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** Students will be assigned cases in the Level II nursery and will follow them in-house as their primary care provider. They will also perform well baby examinations. They will attend delivery room calls as a member of the team, teaching and work rounds, clinics and conferences. They will be supervised by the resident, fellow, Dr. Noble, and neonatal faculty.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Premature infants 2. Neonatal resuscitation 3. Suspected sepsis 4. Mild neonatal lung disease 5. Congenital malformation 6. Bilirubin problems 7. Weight gain in premature infants 8. Hypoglycemia	<b>INPATIENT:</b>	95%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY X FELLOWS X RESIDENTS INTERNS OTHER:
	<b>OUTPATIENT:</b>	5%	
	<b>CONSULTATION:</b>	0%	
	<b>PRIMARY CARE:</b>	100%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 8

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	OB Case Conference Neonatal X-ray Conf. Patient Care Faculty Attending Rounds	Work Rounds Patient Care Faculty Attending Rounds	Work Rounds Perinatal Case Conf. Neonatal X-ray Conf. Patient Care	Work Rounds Grand Rounds Patient Care	Work Rounds Chief's Rounds Neonatal X-ray Conf. Patient Care
<b>PM</b>	Faculty Teaching Rounds	Patient Care	Faculty Attending Rounds Patient Care	Faculty Attending Rounds Patient Care	High-Risk Infant Follow-up Clinic

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** On call every fourth night in neonatal ICU; weekends free except for on call and review of patient progress each morning.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**PE210.02 PEDIATRIC CARDIOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/16/09

**COURSE CHAIR:**  
Ruey-Kang Chang, M.D.  
**PHONE #:** (310) 222-4000  
**E-MAIL:** rkchang@ucla.edu

**SUPPORTING FACULTY:**  
Drs. George C. Emmanouilides, Barry Baylen and David Atkinson

**STUDENT COORDINATOR:**  
Lisa Payne  
**PHONE #:** (310) 222-2343  
**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** Ruey-Kang Chang, M.D., Harbor-UCLA Medical Center

**PREREQUISITES:** Pediatrics, Medicine, Surgery

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The student is expected to participate in all activities of the Division of Pediatric Cardiology: on the wards, cardiac clinic, and laboratory. He/ she functions as a subintern under supervision of a senior house officer who is assigned to the Division of Pediatric Cardiology. He/she participates in daily bedside rounds as well as attends the weekly combined Pediatric and Adult Cardiology and Cardiothoracic Surgery Conferences. Special patients and patients requiring cardiac surgery are discussed during these conferences.

**STUDENT EXPERIENCES**

- COMMON PROBLEMS/DISEASES**
1. Acyanotic congenital heart disease
  2. Cyanotic congenital heart disease
  3. Infant or child with a heart murmur
  4. Newborn with suspected CHD
  5. Rheumatic heart disease
  6. Arrhythmia

**INPATIENT:** 30%  
**OUTPATIENT:** 70%  
**CONSULTATION:** 70%  
**PRIMARY CARE:** 30%

**CLOSE CONTACT WITH:**  
X FULL-TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X INTERNS  
X OTHER: Technicians

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 6

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	8:30 – 9:30 Work Rounds	9:00 Cardiology Clinic	8:30 Combine Perinatal Cardiology Conference	8:30 Pediatric Grand Rounds	8:30 Clinical Case Conference
	9:30 – 12:00 Cardiology Clinic		10:30 Cardiology Conferences	10:00 Attending Rounds	10:00 Attending Rounds
PM	1:00 – 4:00 Cardiology Clinic	Exercise Stress Test	3:00 ECG Reading	1:00 Cardiology Clinic	12:00 Cardiology Case Conference  Didactic Teaching Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This course is recommended for fourth-year medical students only.

**PE225.02 ENDOCRINOLOGY AND METABOLISM (PEDS)**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011

Revised: 12/8/09

**COURSE CHAIR:**

W-N Paul Lee, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-6729

**COURSE OBJECTIVES (in order of importance)**

To become familiar with the following:

1. Pathogenesis and natural history, the orderly investigation, differential diagnosis and management of thyroid disease, diabetes mellitus, adrenal disorders, pituitary disorders, reproductive abnormalities, and parathyroid disorders.
2. Medical interviewing and physical examination skills.
3. Med. judgment, analysis of med. data & synthesis of med. info.
4. Interpretation of endocrine tests: Thyroid function tests, glucose tolerance tests, hormonal measurements, stimulation and suppression tests.
5. Appropriate format for writing consultations.
6. Basic science foundations of pathophysiologic mechanisms underlying diseases of the thyroid, adrenal, pituitary, pancreas, gonads, parathyroid, and other metabolic disorders, including nutritional disorders.
7. Diag. and mgmt. of complex inpatient problems such as diabetic ketoacidosis, thyrotoxicosis, thyroid nodules, goiter, hypothyroidism, obesity, Cushing's disease, Addison's disease, etc.
8. Oral presentation of clinical cases.
9. Library research and interpretation of the literature.
10. Outcome of health care, e.g., patient compliance and satisfaction.

**SUPPORTING FACULTY:**

Drs. Gianoukakis, Ipp, Lee, Yee, Mao, Batcher, Swerdloff, and Wang

**STUDENT COORDINATOR:**

Lisa Payne

**E-MAIL:** LPayne@labiomed.org

**PHONE #:**

(310) 222-2343

**REPORT TO:** Lisa Payne, 6th floor, East Room 42, 8:30 a.m., FIRST DAY

**PREREQUISITES:** Completed Medicine and/or Pediatric Clinical clerkship

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** Students function as subinterns on the in-patient Endocrine consult service and in the out-patient Endocrine, Thyroid, Pituitary, & Diabetes clinics. They function as members of a team consisting of 1 pediatric resident, 2-3 medicine residents, the Endocrine Clinical Fellow, and the Endocrine Faculty Attending. Students also attend the Endocrine Division Conferences and Seminars and Attending Rounds.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Diabetes mellitus & hypoglycemia
2. Disorders of growth
3. Hypothyroidism & Thyrotoxicosis
4. Thyroid nodule & cancer
5. Hypocalcemia & Hypercalcemia
6. Disorders of puberty
7. Obesity, R/O Cushing's disease
8. Pituitary tumors

**INPATIENT:**

20%

**OUTPATIENT:**

80%

**CONSULTATION:**

80%

**PRIMARY CARE:**

20%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: Diabetes Nurse Educators

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5 - 6

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 50 - 63

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	9:00 Pituitary or Thyroid Nodule Clinic		10:00 Review of Thyroid Biopsies or Nuclear Medicine Rounds	8:30 Pediatric Grand Rounds	8:30 Diabetes & Metabolism Clinic
<b>PM</b>	2:00 Attending Rounds	12:00 Basic Science Seminar Lecture Series  2:00 Attending Rounds	12:00 Endocrine Clinical Confer- ence  1:00 Endocrine Clinic	1:00 Chart Review  2:00 Attending Rounds	2:00 Endocrine Grand Rounds  3:30 Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This elective provides an outstanding opportunity for the student to see a broad spectrum of endocrine disorders. The student participates in an organized program of conferences, outpatient clinics, subspecialty consultations, and attending rounds, supervised at all times by a senior endocrine fellow. The student also has significant contact with the full-time faculty.

**PE235.02 MEDICAL GENETICS**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/24/08

**COURSE CHAIR:**  
Henry J. Lin, M.D.

**PHONE #:**  
(310) 222-3756

**E-MAIL:**

**SUPPORTING FACULTY:**

B. Foley Ferreira, R.N., Dr. A. Jonas, Dr. Derek Wong and Dr. Patricia Dickson

**STUDENT COORDINATOR:**

Lisa Payne

**PHONE #:**  
(310) 222-2343

**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** Dr. Henry J. Lin, Bldg. E-4, Division of Medical Genetics, Harbor, 9:00 a.m.

**PREREQUISITES:** None

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** The student will be exposed to various aspects of clinical genetics, including diagnosis, treatment, counseling, and screening. Application of biochemical, molecular and cytogenetics to patient care will be emphasized. Patients will be evaluated in both out- and inpatient settings. Students will be expected to accompany fellows and faculty for inpatient consultations. Students are required to present and discuss cases in regularly scheduled conferences. There may be opportunities for focused research projects.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Dysmorphic syndromes
2. Chromosomal Disorders
3. Inborn errors of metabolism
4. Teratogens
5. Genetic counseling
6. Genetic screening

**INPATIENT:** 50%  
**OUTPATIENT:** 50%  
**CONSULTATION:** 100%  
**PRIMARY CARE:** 0%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 20 per elective period

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 20 per week

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	10:00 – 10:30 Case Review with Attending  10:30 – 12:00 Case Research	8:00 – 12:00 Case Research	8:30 – 9:30 Newborn Screening Meeting (Monthly) 9:00 – 12 noon Genetics Clinic (Private Referrals Monthly)	8:30 – 9:30 Pediatric Grand Rounds  9:30 – 12:00 Case Research	8:30 – 9:30 Clinical Case Conf. 10:00 – 10:30 Clinic Review 10:30 – 12:00 Case Research
<b>PM</b>	Genetics Rounds (hour varies)  1:00 – 5:00 Case Research	Genetics Rounds (hour varies)  1:00 – 5:00 Case Research	12:00: Genetics Conf. 1:30–2:00: Clinic Preview Genetics Rds (hour varies) 2:00 - 5:00: Case Research	1:00 – 5:00 Genetics Clinic	Genetics Rounds (hour varies)  1:00 – 5:00 Case Research

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**PE240.01 PEDIATRIC HEMATOLOGY-ONCOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 12/14/09

**COURSE CHAIR:**  
Lance Sieger, M.D.  
**PHONE #:** (310) 222-4154  
**E-MAIL:** LSieger@ucla.edu

**SUPPORTING FACULTY:**  
Joseph Lasky III, MD

**STUDENT COORDINATOR:**  
Lisa Payne  
**PHONE #:** (310) 222-2343  
**FAX:**  
**E-MAIL:** lpayne@labiomed.org

**REPORT TO:** Harbor-UCLA Medical Center-Bldg. N-25, Hematology/Oncology Office, 9:00 a.m. (1st day only).

**PREREQUISITES:** Third Year Pediatrics

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 or 4 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**  
By Arrangement

**DESCRIPTION:** This course serves as an introduction to pediatric hematology/oncology and stresses basic principles of pathophysiology necessary to understand hematologic and oncologic disorders in neonates, children, and adolescents. There is close interaction with resident and staff.

- COURSE OBJECTIVES (in order of importance)**
1. Knowledge of the pathogenesis, natural history, clinical investigation, differential diagnosis, and management of children with Acute Leukemia, other malignancies, and hematological diseases.
  2. The interpretation of laboratory studies in the diagnosis of hematologic and oncologic disorders.
  3. Knowledge of the pharmacology of antineoplastic agents.
  4. Familiarity with the pathophysiology of hematologic and oncologic disorders.
  5. Familiarity with the psychosocial problems associated with life-threatening illnesses.
  6. Diagnosis and management of complex and multi-system problems in the pediatric patient.
  7. Medical decision making: Analysis of medical data and synthesis of information.
  8. Knowledge of research techniques, including literature research and interpretation.
  9. Familiarity with procedures (e.g., bone marrow aspiration, intrathecal drug administration, catheter care).

**STUDENT EXPERIENCES**

- COMMON PROBLEMS/DISEASES**
1. Acute Leukemia/Lymphoma
  2. Anemia -General Workup
  3. Sickle Cell Anemia & Complications
  4. Common Childhood Solid Tumors
  5. Granulocyte Function Disorders
  6. Evaluation for Immunodeficiency
  7. Coagulopathies
  8. Neonatal Hematology

**INPATIENT:** 40%  
**OUTPATIENT:** 60%  
**CONSULTATION:** 90%  
**PRIMARY CARE:** 10%

**CLOSE CONTACT WITH:**  
X FULL-TIME FACULTY  
CLINICAL FACULTY  
FELLOWS  
X RESIDENTS  
X INTERNS  
OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 8

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 40

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:30 – 12:00 New Patients Workup; Ward Rounds with Resident and Fellow	8:30 – 12:30 Pediatric Hematology/ Oncology Clinic	8:30 – 10:00 Patient Evaluation Conf.  10:00 – 12:00 New Patients Workup; Ward Rounds	8:30 – 9:30 Pediatric Grand Rounds  9:30 – 12:30 Pediatric Hematology/ Oncology Clinic	8:30 – 9:30 Chief of Service Rounds
<b>PM</b>	1:30 – 3:00 Attending Rounds; New Patients Workup	1:30 – 3:00 Attending Rounds; New Patients Workup	1:30 – 3:00 Attending Rounds	1:30 – 2:30: Combined Pediatric/Medical/ Hematology Conf. 2:30 – 4:30 Attending Rounds; New Patients Workup	1:30 – 2:30 Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Attend Hematology/Oncology Procedure Clinic held daily. Assist with patients scheduled for clinic on Tuesdays (i.e., physical exams, bone marrow procedures, intrathecal/intravenous administration of chemotherapy) as necessary. Additional teaching conferences are held bi-monthly at Miller Children's Hospital, Long Beach, CA.

**PE245.03 PEDIATRIC INFECTIOUS DISEASES**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/17/09

**COURSE CHAIR:**

Margaret A. Keller, M.D.

**E-MAIL:** keller@labiomed.org

**PHONE #:**

(310) 781-3636

**COURSE OBJECTIVES (in order of importance)**

1. Evaluation of child and infant with suspected infection.
2. Appropriate antibiotic therapy.
3. Recognition and management of infectious disease emergencies.
4. Optimal use of clinical microbiology laboratory.
5. Evaluation and management of suspected neonatal and congenital infections.
6. Evaluation of patient with fever of unknown origin.
7. Common viral syndromes.
8. Management of infections in the immunocompromised child.
9. Principles of immunization.
10. Control of hospital infections.

**SUPPORTING FACULTY:**

Drs. J.I. Ward, K.M. Zangwill, J. Batra, M. Keller, S. Yeh

**STUDENT COORDINATOR:**

Lisa Payne

**E-MAIL:** lpayne@labiomed.org

**PHONE #:**

(310) 222-2343

**REPORT TO:** Lisa Payne, 6th Floor Rm 42, at 8:30 am

**PREREQUISITES:** Pediatrics

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** Elective provides broad experience to both common and unusual infectious diseases including HIV in the ICU, NICU, ward, emergency department, and clinic settings. Extensive exposure to faculty and many teaching conferences. Individual reading is strongly encouraged and course compendium is provided. A 15-minute presentation to the faculty on a topic of interest occurs at the end of the rotation.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> 1. Meningitis 2. Neonatal sepsis 3. Bone and joint infections 4. Pneumonia 5. Acute gastroenteritis 6. Tuberculosis 7. Congenital syphilis 8. Infection in immunocompromised host	<b>INPATIENT:</b>	80%	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY X CLINICAL FACULTY FELLOWS X RESIDENTS INTERNS OTHER:
	<b>OUTPATIENT:</b>	20%	
	<b>CONSULTATION:</b>	100%	
	<b>PRIMARY CARE:</b>	0%	

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 11

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00: Morning Report 8:30: Consultations 8:30 Immunodeficiency Clinic (2nd) 9:30: Morning Report Daily	8:30 Clinical case reviews	8:30 Consultations	8:30 Pediatric Grand Rounds  11:00 Consultations	8:30 Case conferences  10:00 Infectious Disease Clinic (1st & 3rd)
<b>PM</b>	12:00 Residents' ID Lecture (1st)  2:00 Attending Rounds	12:00 Residents' ID Lecture (2nd)  1:00 Attending Rounds	1:00 Attending Rounds	1:00 Attending Rounds	12:00: Infectious Diseases Grand Rounds 2:00 : Med-Pediatric Infectious Disease Conf. (2nd) 3:00: Attending Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** The student is directed to the most pertinent textbooks and scientific literature, but independent and critical inquiry is encouraged. The student may prepare an informal seminar on a subject of the student's choice. Library and laboratory research and chart reviews are available for students with special interests.

**PE262.01 PEDIATRIC NEUROLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2010-2011  
Revised: 11/18/09

**COURSE CHAIR:**

Kenneth R. Huff, M.D.

**E-MAIL:**

**PHONE #:**

(310) 222-4168

**COURSE OBJECTIVES (in order of importance)**

1. Improved skill in neurological examination.
  - a. Orderly approach to the history and physical examination.
  - b. Ability to perceive and understand physiological significance of neurological manifestations.
  - c. Formulation of findings according to system involvement, regional localization, and disease etiology.
2. Understanding of normal and disturbed development and function of the nervous system.
3. Understanding of management and psychosocial impact of neurological disorders.
4. Understanding of neurodiagnostic procedures (electroencephalogram, electromyogram, intracranial pressure monitors, cerebral blood flow, neuroradiology, including computerized tomograms, other diagnostic studies, echoencephalograms).
5. Facility with simple neurodiagnostic procedures (Lumbar punctures, visual field assessment, etc.).
6. Broader exposure to problems in neuroradiology, neuropathology, and neuro-oncology-neurosurgery as part of the neuro-science program. Selected references, neuropathology slides, and neuroanatomical material will be made available to those students interested.

**SUPPORTING FACULTY:**

S. Robert Snodgrass, M.D., Agnes Chen, M.D.

**STUDENT COORDINATOR:**

Lisa Payne

**E-MAIL:** lpayne@labiomed.org

**PHONE #:**

(310) 222-2343

**REPORT TO:** Hospital 6E Pediatric Department 6th Floor  
Lobby office at 8:30 a.m.

**PREREQUISITES:** Neurology or Pediatrics

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 1 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

By Arrangement

**DESCRIPTION:** This clerkship is aimed at beginning an understanding of the developing nervous system and the realm of problems children experience with disorders in that system. Emphasis will be placed on age-related norms of function, diagnosis by lesion localization, and practical aspects of paroxysmal disorder therapy; but discussions of basic neuroscience implications for clinical problems will also occur. Clinical clerks will work in close cooperation with the house staff in child neurology, answering consultations to the acute care clinic, on the ward, and working with patients in the Pediatric Neurology and Learning Clinics.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Seizures
2. Mental Retardation
3. Hydrocephalus
4. Head injuries
5. Coma
6. Meningitis complications
7. Learning disability
8. Brain tumors

**INPATIENT:** 50%  
**OUTPATIENT:** 50%  
**CONSULTATION:** 50%  
**PRIMARY CARE:** 50%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 9

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 35

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:30-12 Specialty Clinic	Assigned Inpatient Consultations New & Follow-Up  10:30 Pediatric Neurology Ward Rounds	Assigned Inpatient Consultations New & Follow-Up  8:30: Neonatal Cases  9:30: Pediatric Neurology Ward Rounds	8:30 – 10:00 Pediatric Grand Rounds  10:00 – 11:00 Ped Neuro Topics Seminar	8:00 - 9:00: Neuro-Radiology  9:30 – 11:00 Adult/Ped/Surg Neuro Grand Rounds  11:00 – 12:00 Brain Cutting
<b>PM</b>	1:30 Pediatric Neurology Ward Rounds	1:00 – 5:00 Pediatric Neurology Clinic	2:00 – 4:00 Independent Study	1:30 Pediatric Neurology Ward Rounds	2:00 – 4:00 Pediatric Neurology Ward Rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Optional on call with pediatric neurology fellow and optional weekend on call.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** They will take night call with house staff every fourth night at clinical clerk's option. In-depth study sessions will involve detailed discussions by students, residents, and staff based on selections from the literature and relevant clinical material. Topics of pediatric interest will be covered, such as neurological correlates of growth and development, degenerative disorders, seizures, coma, and neuromuscular problems.

**MD199.04 MEDICAL ADMINISTRATION & QUALITY IMPROVEMENT**

**In-Depth**

**Location: HARBOR**

**2010-2011  
Revised: 12/15/09**

**COURSE CHAIR:**

Clinton Coil, MD, MPH

**PHONE #:**

(310) 222-2173

**E-MAIL:** [ccoil@dhs.lacounty.gov](mailto:ccoil@dhs.lacounty.gov)

**SUPPORTING FACULTY:**

Susan Black, RN, MS, Quality Assessment/Resource Management,  
Elizabeth Magsino, RN, CPHQ, James Huang, MD, MPH

**STUDENT COORDINATOR:**

Dr. Coil

**PHONE #:**

(310) 222-2173

**E-MAIL:** [ccoil@dhs.lacounty.gov](mailto:ccoil@dhs.lacounty.gov)

**REPORT TO:**

Dr. Coil, Trailer F-10. Please contact Dr. Coil one week before elective for reporting time.

**PREREQUISITES:** None

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2010-2011 ROTATIONS BEGIN WEEKS:**

9,12,15,18,21,30,36,39,42,45, 48

**COURSE OBJECTIVES (in order of importance)**

1. Learn the roles that physicians can play in management and medical administration
2. Understand the benefit of a cooperative relationship between administrative and medical staff leaders
3. Understanding the impact of the individual physician and the healthcare system on the quality of patient care.
4. Knowledge of the use of clinical data related to quality of patient care, including its limitations.
5. Identify legal and regulatory requirements that impact patient care and physician practice
6. Knowledge of various methods for controlling utilization of health resources.
7. Knowledge of the role and functions of quality project teams.
8. Learn approaches to process improvement in healthcare systems
9. Learn a system-based approach to improving patient safety

**DESCRIPTION:** This course is an introduction to general principles of healthcare management, from the perspective of physicians involved in medical administration. Student will be exposed first hand to the behind-the-scenes processes that keep our hospitals and clinics running smoothly by attending committee meetings, and meeting leaders of different hospital departments. In addition, students will be assist with ongoing projects, such as data collection, reporting and analysis for ongoing process improvement initiatives. Students will work independently on a few projects of the course of the elective. Experiences will be tailored to individual student's interests. This course is an excellent opportunity for students interested in management/administration/public health, MD/MPH, MD/MBA, MD/MPP, PRIME program, or any student wishing to learn more about how hospitals and clinics operate.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

N/A

**INPATIENT:**

N/A

**OUTPATIENT:**

N/A

**CONSULTATION:**

N/A

**PRIMARY CARE:**

N/A

**CLOSE CONTACT WITH:**

- x FULL-TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- x OTHER: Administrative leaders

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:**

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Committee Meetings	Project Time	Reading Time	Project Time	Committee Meetings
<b>PM</b>	Project Time	Committee Meetings	Project Time	Committee Meetings	Project Time

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** N/A

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**