# ELECTIVE ADDENDUM APPROVED AFTER JANUARY 1, 2005 FOR THE

# 2005 - 2006 ACADEMIC YEAR

REVISED: 8/16/2005

This summary listing electives approved or renewed after January 1, 2005. They are not included in the printed version of the handbook.

NEW ELECTIVES	Elective profiles are listed following on the following pages of this section.	Loc.	DATE Added	PAGE
EM280.01	Emergency Medicine Ultrasonography / Peterson	HARBOR	6/28/05	2
ME210.08	Cardiology and Cardiac Arrhythmias / Shivkumar	CHS	6/28/05	3
ME215.08	General Dermatology / Craft	HARBOAR	8/16/05	4
OG257.01	Reproductive Health Elective / Chen	CHS	6/28/05	5
OS340.01	Orthopaedic Oncology / Finerman	S.MONICA	6/28/05	6
PE241.01	Ambulatory Medicine-Pediatrics / Kuo	ASSOC	7/18/05	7
PE298.01	Pediatric Chronic Pain / Zeltzer	CHS	6/28/05	8
PS265.04	Dual Diagnosis Treatment Program / Tsuang	HARBOR	6/28/05	9
RA212.01	Interventional Radiology / Vatakencherry	KAISER.SUN	8/4/05	10

## EM280.01 EMERGENCY MEDICINE ULTRASONOGRAPHY

Advanced Clinical Clerkship Location: HARBOR Revised: 1/14/05

COURSE CHAIR: PHONE #: COURS

Michael A. Peterson, M.D. (310) 222-3501

SUPPORTING FACULTY: Wendy Coates, M.D.

STUDENT COORDINATOR: PHONE #:
Lucy Hadley (310) 222-3501 #

E-MAIL: lehadley@emedharbor.edu

REPORT TO: Michael Peterson, DEM Administrative Building, D9 at 8:00

a.m.

PREREQUISITES: Inpatient Internal Medicine & Surgery

**AVAILABLE TO EXTERNS:** Yes

STUDENTS / PERIOD: max 1 min 1

**DURATION: 2 weeks** 

#### 2005-2006 ROTATIONS BEGIN WEEKS:

By Arrangement

## COURSE OBJECTIVES (in order of importance)

- The student will be able to demonstrate knowledge of ultrasound physics, technology, and knobology.
- The student will be able to outline a strategy for evaluation of patients with the common indications for ultrasound imaging.

2005-2006

- The student will be able to identify specific anatomic landmarks pertaining to emergent bedside ultrasound.
- The student will be able to obtain and interpret ultrasound images for the following exams: right upper quadrant, FAST (trauma), obstetric, pericardial fluid, and abdominal aorta.
- 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.
- The student will be able to use bedside ultrasound for therapeutic procedures including paracentesis and central line placement, according to standard emergency medicine practice.

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/Biliary Colic
- 2. Multiple trauma
- 3. Vaginal bleeding In the pregnant patient
- 4. Pericardial effusion
- Central venous cannulation/access
- 6. Paracentesis

**INPATIENT:** 0% **OUTPATIENT:** 100%

CONSULTATION: 100% PRIMARY CARE: 0%

**CLOSE CONTACT WITH:** 

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 150-200

## **TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	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 – 11:00 EM Conference Emergency Dept. Ultrasound
РМ	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

#### **CARDIOLOGY AND CARDIAC ARRHYTHMIAS** ME210.08

Revised: 6/17/05 **Advance Clinical Clerkship** Location: CHS

**COURSE CHAIR:** PHONE #:

Kalyanam Shivkumar, M.D. Ph.D. (310) 206-2235

SUPPORTING FACULTY: Noel G. Boyle M.D. Ph.D., David Cesario M.D. Ph.D., Miguel Valderrabano M.D., James Weiss M.D., John Child M.D. Isaac Wiener M.D., Jignesh Patel M.D. Ph.D.

STUDENT COORDINATOR: PHONE #:

Anna Dermenchyan, B.S. (310) 206-2235

E-MAIL: adermenchyan@mednet.ucla.edu

REPORT TO:

Dr. Shivkumar, 47-145 CHS at 8:00 am

PREREQUISITES:

Inpatient Internal Medicine

**AVAILABLE TO EXTERNS: Yes** 

STUDENTS / PERIOD: max 3- min - 1

**DURATION: 3 weeks** 

2005-2006 ROTATIONS BEGIN WEEKS:

1,7,15,18,21,27,30,33,36,39,42,45,48

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

7. Evaluation of cardiac patients with history taking and physical examination

2005-2006

- 8. Gain knowledge in the interpretation of ECG and in cardiac arrhythmia diagnosis
- 9. Observe and understand noninvasive and invasive cardiac diagnostic procedures including stress testing, echocardiography, cardiac catheterization, and EP testing
- 10. Develop treatment plans for cardiac patients with particular reference to cardiac arrhythmia patients
- 11. Observe the implantation and clinical follow up of cardiac rhythm devices.
- 12. Attend the Cardiac Arrhythmia Center and Cardiology Division conferences
- 13. Participate in journal clubs and learn to read and review cardiology literature
- 14. Option to participate in ongoing clinical research projects of the Cardiac Arrhythmia Center

DESCRIPTION: This clinical elective will provide a "bird's eye view" of one of the most exciting areas of cardiovascular medicine. Students will have close contact with interactions.

## STUDENT EXPERIENCES

CONSULTATION:

PRIMARY CARE:

## **COMMON PROBLEMS/DISEASES**

- Atrial arrhythmias Ventricular arrhythmias
- Congestive heart failure
- Cardiomyopathies 4.
- Syncope 5.
- Congenital heart disease
- Valvular heart disease
- Pacemaker and ICD device patients

**CLOSE CONTACT WITH:** INPATIENT: 60% **OUTPATIENT:** 

40%

100%

0%

- FULL TIME FACULTY **CLINICAL FACULTY**
- **FELLOWS** X
- RESIDENTS
- **INTERNS**
- OTHER Nurse practitioners

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:

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

## **TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	8:00-9:00 AM Cardiac EP journal club 9:00-11:00 EP lab procedures 11:00-12:00 Consult rounds	8:00-11:00 EP lab procedures 11:00-12:00 Consult rounds	7:30-8:30 EP research Meeting 8:30-9:30 Medicine grand rounds 9:30-12:00 Stress testing and echo	8:00-11:00 EP lab procedures	8:00-12:00 EP lab procedures 11:00-12:00 Consult rounds
РМ	1:00-5:00 Cardiac arrhythmia clinic	1:00-5:00 Pacemaker and ICD clinic 5:00-6:00 Cardiac cath conference	1:00-5:00 Adult congenital heart disease clinic	12:00-1:00 ECG/Echo conference 1:00-5:00 Cardiology outpatient clinic,	12:00-1:00 Cardiology grand rounds 2:00-5:00 Reading and research time

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: none

## ME215.08 GENERAL DERMATOLOGY

Advanced Clinical Clerkship Location: HARBOR Revised: 7/29/2005

COURSE CHAIR: PHONE #:

Noah Craft, M.D. Ph.D. (310) 222-8011

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

STUDENT COORDINATOR: PHONE #:

Kathleen McGinley (310) 222-2409

E-MAIL: kmcainlev@ladhs.ora

REPORT TO: Dr. Craft @ 9:00 a.m., Bldg. E6, Room 145

PREREQUISITES: Inpatient Medicine, Ambulatory Medicine,

Surgery and Pediatrics

**AVAILABLE TO EXTERNS: Yes** 

STUDENTS / PERIOD: max 2 min 1

**DURATION: 3 weeks** 

2005-2006 ROTATIONS BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39 42, 45, 48

## COURSE OBJECTIVES (in order of importance)

 Gain an understanding of common dermatologic diseases, such as psoriasis, atopic dermatitis, and skin cancer.

2005-2006

- Describe accurately primary dermatologic clinical morphologies.
- 17. Demonstrate the ability to obtain a focused dermatology history and physical examination.
- Apply medical evidence and cost effective practices to decisions on the treatment of common skin conditions.
- Interpret the results of dermatopathology reports and serological lab results.
- Learn to perform minor dermatologic procedures such as skin biopsies, fungal scrapings, scabies scrapings, and minor destructive modalities where appropriate.
- 21. Understand the role of dermatology as a primary specialty and as a member of the medical team in complex medical problems

**DESCRIPTION:** General Dermatology at Harbor UCLA is focused primarily on medical dermatology in an outpatient setting. Students will attend 6 outpatient clinics per week and as appropriate, will evaluate and treat patients under the supervision of the attending physician. Common skin conditions such as psoriasis, eczema, nevi, skin cancer, and fungal infections are seen daily. Students will also evaluate inpatients as part of the dermatology team during inpatient consultations at Harbor-UCLA. Focus will be placed 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 of these settings include care of pediatric, adult, and geriatric patients with varied skin conditions. There will be limited discussion of cosmetic dermatology in these settings.

#### STUDENT EXPERIENCES

## COMMON PROBLEMS/DISEASES

- Psoriasis
   Atopic dermatitis
- 3. Nevi
- 4. Basal Cell Carinoma
- Actinic Keratoses
- 6. Squamous Cell Carinoma
- 7. Tinea corporis
- 8. Contact dermatitis

INPATIENT: 5% CL OUTPATIENT: 95% X

CONSULTATION: 100%

PRIMARY CARE:

**CLOSE CONTACT WITH:** 

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 20

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

## TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	8:00 – 9:00 Dermatopathology Conf.  9:00 – noon Dermatopathology slide sign-out	Clinical Kodachrome Review with Chief Resident	Harbor-UCLA Dermatology Clinic	Harbor-UCLA Dermatology Clinic	Clinical Dermatology Kodachrome Review with faculty
РМ	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.

## OG257.01 REPRODUCTIVE HEALTH ELECTIVE

Advanced Clinical Clerkship Location: CHS 2005-2006
Revised: 6/17/05

COURSE CHAIR: PHONE #:

Angela Chen, M.D., M.P.H. (310) 206-3306

SUPPORTING FACULTY: Susie Baldwin MD MPH

STUDENT COORDINATOR: PHONE #:

Gita Patel (310) 825-5961

E-MAIL: gpatel@mednet.ucla.edu

**REPORT TO:** 

West Medical OBGYN Clinic, 1010 Veteran Ave., 8:00am, Dr.

Chen & Gita Patel

PREREQUISITES: OB/Gyn

**AVAILABLE TO EXTERNS:** Yes

STUDENTS / PERIOD: max 1 min 1

**DURATION: 3- weeks** 

#### 2005-2006 ROTATIONS BEGIN WEEKS:

By Arrangement

**COURSE OBJECTIVES** 

- 22. Gain an understanding of the common reproductive health issues women face.
- 23. Describe current methods of contraception
- 24. Describe current methods of pregnancy termination
- 25. Appreciation of basic OB/Gyn ultrasound
- 26. Perform basic reproductive health exams
- 27. Perform sexually transmitted infections screening on men and

**DESCRIPTION:** This is a unique opportunity to experience outpatient Ob/Gyn management of common reproductive health issues including abortion and contraception that is so rarely discussed in most medical school educations. The OB/Gyn clinic offers comprehensive care for all women's needs throughout their reproductive lifespan.

## STUDENT EXPERIENCES

PRIMARY CARE:

## COMMON PROBLEMS/DISEASES

- 1. Pregnancy options counseling
- Contraception counseling
   STI intervention/counseling
- STI intervention/counseling
   Pre and post-natal care
- 5. Abortion, medical and surgical
- 6. Basic OB/Gyn ultrasound
- 7. Management of cervical pathology
- 8. Breast exam
- Pap and pelvic exam

INPATIENT: 10% CLOSE CONTACT WITH:

OUTPATIENT: 90% X FULL TIME FACULTY
X CLINICAL FACULTY

CONSULTATION: 50% FELLOWS

50%

X RESIDENTS

X INTERNS

X OTHER Clinical Staff

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 30-45

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 125

## **TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	Family planning clinic	Family planning clinic	Operating room or high-risk obstetrics	Operating room	OB/Gyn Clinic
PM	Family planning clinic	Family planning clinic	OB/Gyn clinic	OB/Gyn clinic	Grand rounds M&M Didactic lecture

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: none

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Externs: Funding for this rotation is available through the Medical Students for Choice Reproductive Health Externship program <a href="https://www.ms4c.org/extern.htm">www.ms4c.org/extern.htm</a>.

## OS340.01 ORTHOPAEDIC ONCOLOGY

Subinternship Location: S.MONICA 2005–2006
Revised: 6/17/05

COURSE CHAIR: PHONE #:

Gerald A.M. Finerman, M.D. (310) 825-6986

SUPPORTING FACULTY: Jeffrey Eckardt, M.D., 310-319-3818

STUDENT COORDINATOR: PHONE #:

Rebecca Bernstein (310) 825-6643

E-MAIL: rbernste@mednet.ucla.edu

REPORT TO: Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS. UCLA students contact Rebecca one week before

starting to find out whom to contact.

PREREQUISITES: Inpatient Medicine and Surgery

**AVAILABLE TO EXTERNS:** Yes

STUDENTS / PERIOD: max 1 min 1

**DURATION: 3 weeks** 

## 2005-2006 ROTATIONS BEGIN WEEKS:

2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

- 1. To demonstrate the orthopaedic screening exam.
- To manage common benign bone tumors: GCT, ABC,
   Osteochondroma, Enchondroma, and Non-ossifying Fibroma
- 3. To manage common tumors that are metastatic to bone: Lung, breast, renal, prostate, and thyroid.
- To understand and manage primary bone and soft tissue sarcomas
- To understand the importance and the technique of the surgical biopsy.

**DESCRIPTION:** Elective is designed for students with an interest in child development and growth, and diseases of the musculoskeletal system and Oncology. Students will function as sub-interns seeing patients primarily, then participate at surgery with the attending. The problems are complex and include the evaluation and treatment of congenital problems and general orthopaedic problems seen in a typical community population.

## STUDENT EXPERIENCES

# COMMON PROBLEMS/DISEASES

Benign bone and soft tissue tumors
 Malignant bone and soft tissue tumors

2. Matastatia bana tumara

Metastatic bone tumors

4. Tumor like conditions of bone

INPATIENT: 66% OUTPATIENT: 33%

CONSULTATION: 5% PRIMARY CARE: 95%

CLOSE CONTACT WITH:

X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS

RESIDENTS INTERNS OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 70

## **TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	Dr. Eckardt OR	Dr. Eckardt OR	Dr. Eckardt Orthopaedic Oncology Clinic 8:30 AM	Dr. Eckardt Orthopaedic Oncology Clinic 8:00AM	Dr. Eckardt OR
РМ	Dr. Eckardt OR	Dr. Eckardt OR	Dr. Eckardt Orthopaedic Oncology Clinic 1:30 PM	Tumor Board 3:30 PM	Dr. Eckardt OR

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Saturday: 8:30 –10:30 Orthopaedic grand rounds (once a month). Call to be shared with resident.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The elective utilizes the Orthopaedic Clinics at Santa Monica - UCLA. All of the student's time will be spent working closely with Dr. Eckardt, residents and fellows. If for some reason Dr.Eckardt is out of town the student will be assigned to another Orthopaedic faculty member at Santa Monica.

## PE241.01 AMBULATORY MEDICINE-PEDIATRICS

2005-2006

Advanced Clinical Clerkship Location: ASSOC (UCLA Brentwood & Burke Ctr.) Revised: 7/18/05

COURSE CHAIR: PHONE #:
Alice Kuo, MD, PhD, MEd (310) 794-0564

SUPPORTING FACULTY: Drs. Mark Grossman and Denise Garvey

STUDENT COORDINATOR: PHONE #:

Debby Kozel (310) 825-4128

E-MAIL: dkozel@mednet.ucla.edu

REPORT TO: Mark Grossman @ 9:00 a.m., 11980 San Vicente

Blvd., Suite #102

PREREQUISITES: Medicine and Pediatrics clerkships

AVAILABLE TO EXTERNS: Yes
STUDENTS / PERIOD: max 1 min 0

**DURATION: 3 weeks** 

## 2005-2006 ROTATIONS BEGIN WEEKS:

2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

- 28. Demonstrate improved history and physical examination for patients of all ages, from newborn to geriatric.
- 29. Apply medical evidence to decisions on treatment.
- 30. Demonstrate effective doctor-patient relationship.
- 31. Understand the role of medicine-pediatrics physicians in the outpatient setting.
- Observe the "business of medicine" in a busy ambulatory practice.

**DESCRIPTION:** Students on this rotation will be able to see how a combined medicine-pediatrics practice works in the community. Students will work with a pair of medicine-pediatrics practitioners in their office and see patients of all ages. This rotation will offer the opportunity to observe the patient mix in a medicine-pediatrics practice and also the opportunity for students to further refine their ambulatory clinical skills for both children and adults. Students will be expected to function at the level of a sub-intern and evaluate and assess patients appropriately.

## STUDENT EXPERIENCES

## **COMMON PROBLEMS/DISEASES**

- Upper respiratory illnesses
   Asthma/COPD exacerbations
- Hypertension management
- Diabetes management
- 5. Diarrhea/dehydration in children
- 6. Well-child exams

INPATIENT: OUTPATIENT:

JTPATIENT: 100%

CONSULTATION:

PRIMARY CARE: 100%

**CLOSE CONTACT WITH:** 

FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
RESIDENTS

RESIDENTS INTERNS OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 40

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 300

## TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	9:00-12:00	9:00-12:00	9:00-12:00	9:00-12:00	9:00-12:00
	Grossman/Garvey	Grossman/Garvey	Grossman/Garvey	Grossman/Garvey	Grossman/Garvey
	practice	practice	practice	practice	practice
PM	1:00-5:00	1:00-5:00	1:00-5:00	1:00-5:00	1:00-5:00
	Grossman/Garvey	Burke med-peds	Grossman/Garvey	Grossman/Garvey	Burke med-peds
	practice	Residents' clinic	practice	practice	Residents' clinic

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This is a good rotation to meet faculty for the UCLA Med-Peds Residency Program. The Grossman/Garvey practice is also currently the continuity clinic site for the UCLA Med-Peds residents.

#### PE298.01 PEDIATRIC CHRONIC PAIN

2005 - 2006 **Advanced Clinical Clerkship** Location: CHS Revised: 7/11/05

**COURSE CHAIR:** PHONE #

Lonnie Zeltzer, M.D. (310) 825-0731

SUPPORTING FACULTY:

Heather Krell, MD, MPH; Michael Waterhouse, MA, LAc

STUDENT COORDINATOR: PHONE #

Debby Kozel (310) 825-4128

E-MAIL: dkozel@mednet.ucla.edu

REPORT TO: Dr. Zeltzer, 22-464 MDCC @ 9:00 a.m.

PREREQUISITES: Pediatrics and Psychiatry

**AVAILABLE TO EXTERNS: Yes** 

STUDENTS / PERIOD: max 3 min 1

**DURATION: 3 weeks** 

#### 2005 - 2006 ELECTIVES BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

- 1. Knowledge of neurobiology of pain transmission/pain inhibition
- Knowledge of clinical evaluation of pediatric patient with chronic pain
- Knowledge of approach to pediatric chronic pain management 3.
- 4. Understanding of at least one complementary/alternative medicine (CAM) clinical practice in the treatment of pan (e.g. acupuncture, yoga, hypnotherapy, biofeedback)
- Knowledge of research in one CAM intervention for pain in children
- 6. Knowledge of end of life crisis for children in hospice

DESCRIPTION: This course is a combination of independent study with some exposure and experience related to children with chronic pain and palliative care. The student will attend the twice-weekly outpatient pediatric pain clinic and participate in evaluation and management of children with chronic pain. The student will attend weekly noon pediatric chronic pain case conference and will interact with the CAM clinicians that are part of the pediatric pain service. The student will have the opportunity to learn about acupuncture, Chinese herbs, lyengar yoga, massage therapy, craniosacral therapy, hypnotherapy, art therapy, biofeedback, Reiki energy therapy, and physical therapy as they are applied to children with pain. The student will also have opportunity to do in-depth reading about the neurobiology and psychosocial aspects of pediatric pain and have weekly discussions with the course director and faculty on different pain topics. The student will also have opportunity to attend a pediatric hospice team meeting and make a home visit with the pediatric hospice nurse to visit a child at the end of life in in-home hospice care. The visit will be followed by discussion with course director on end of life care for children.

## STUDENT EXPERIENCES

CONSULTATION:

PRIMARY CARE:

## **COMMON PROBLEMS/DISEASES**

- Chronic headaches/migraines
- Irritable bowel syndrome
- Complex regional pain syyndrome: Type 1
- Cancer Pain
- Fibromyaglia
- Arthritis pain 6.
- Myofascial pain
- Pain at the end of life

**CLOSE CONTACT WITH:** INPATIENT: % **OUTPATIENT:** 

100%

100%

- X FULL TIME FACULTY
- **CLINICAL FACULTY FELLOWS** 
  - RESIDENTS **INTERNS**
- X OTHER CAM Clinician, Yoga Inst., Biofeedback Nurse, Massage Therapist, etc.

## **APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 4-6**

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

## TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	Telephone interviews with parents and children with chronic pain	Observation in acupuncturist's office	New Patient Evaluation and follow-up patients	Hospice Team Meeting (all morning)	New Patient Evaluation and follow- up patients
РМ	Observation in one of the CAM clinician's offices 4:00PM attendance at pain program research team meeting	Observation in one of the CAM clinician's offices	Case Conference  Discussions about patients with CAM clinicians	Home hospice visit with physician and hospice nurse	Reading and Free Time

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Dr. Heather Krell, a child psychiatrist and pediatric pain program faculty will provide the following educational opportunities: 1) basics about carrying out a mental status exam in a non-psychiatric pediatric population; 2) basics about the interface between depression, anxiety, and pain; and 3) basics in psychopharmacology as it applies to pediatric pain.

#### PS265.04 **DUAL DIAGNOSIS TREATMENT PROGRAM**

2005-2006 Revised: 6/17/05 **Advanced Clinical Clerkship** Location: HARBOR

**COURSE CHAIR:** PHONE #: John Tsuang, M.D. (310) 222-5362

SUPPORTING FACULTY: Faculty in Psychology & Social

Works, and Psychiatry departments

STUDENT COORDINATOR: PHONE #: (310) 222-4091 Perla Rosales

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

PREREQUISITES: Psychiatry and Neurology

**AVAILABLE TO EXTERNS: Yes** STUDENTS / PERIOD: max 2 min 1

**DURATION: 3 weeks** 

2005-2006 ROTATIONS BEGIN WEEKS:

2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

33. Know the prevalence of dual diagnosis patients.

- 34. Understand diagnostic strategy for dual diagnosis patients.
- 35. Demonstrate ability to assess a dual diagnosis patients.
- 36. Learn about treatment strategy for dual diagnosis patients
- 37. Know and able to apply some psychosocial treatment principles.
- 38. Know about psychopharmacological options in the treatment of dual diagnosis patients.
- 39. Know about overall drug and mental health treatment strategy and aftercare progress for them.

**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

# **COMMON PROBLEMS/DISEASES**

- Mental Illness, Axis I disorders
- 2. Substance abuse
- Detoxification/Stabilization
- Understand interaction of drugs and psych conditions
- Personality disorders
- Medical conditions secondary to chronic drug

INPATIENT: 0% OUTPATIENT: 100%

CONSULTATION: 10% PRIMARY CARE: 90% **CLOSE CONTACT WITH:** 

X FULL TIME FACULTY CLINICAL FACULTY **FFLLOWS** 

RESIDENTS

**INTERNS** OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:

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

## **TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
АМ	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
РМ	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

#### RA212.01 INTERVENTIONAL RADIOLOGY

Revised: 8/4/2005 **Advanced Clinical Clerkship** Location: KAISER.SUN

**COURSE CHAIR:** PHONE #:

(323) 783-7668 George Vatakencherry, M.D.

SUPPORTING FACULTY: Keith Terasaki, M.D., Tina Hardley,

M.D., Mark Rayman, M.D., Haisan Pham, M.D.

STUDENT COORDINATOR: (323) 783-5791 Valencia Sims

E-MAIL: valencia.sims@kp.org

PHONE #:

**REPORT TO:** 

Dr. Vatakencherry: 4867 Sunset Blvd. L.A., CA 90027, Level 1

@ 7:30 am

PREREQUISITES: Inpatient Internal Medicine and Surgery

**AVAILABLE TO EXTERNS:** Yes

STUDENTS / PERIOD: max 2 min 1

**DURATION: 3 weeks** 

## 2005-2006 ROTATIONS BEGIN WEEKS:

2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

- 40. Understanding Vascular anatomy and pathophysiology
- 41. Understanding the role of endovascular and image guided surgery in patient care.

2005-2006

- 42. Knowledge of global artherosclerosis (renal, mesenteric, peripheral vascular disease, and carotid)
- 43. Understanding the risks, benefits, and alternatives of the numerous interventional radiology procedures
- 44. Interpreting CT, MRI, and angiography

DESCRIPTION: This is an advanced clerkship in Interventional Radiology. Knowledge of vascular anatomy and pathophysiology are vital as is knowledge of abdominal and pelvic anatomy. Students are expected to be involved in: patient consultation, procedures, rounds, multidisciplinary conferences, and journal club. Students will work side-by-side with interventional attendings and fellows, and radiology residents.

## STUDENT EXPERIENCES

#### COMMON PROBLEMS/DISEASES

- End stage renal disease Hepatic dysfunction / Hepatobiliary disease
- Oncology
- 4. Aneurysms (aortic)
- 5. Peripheral vascular disease
- Cerebrovascular disease

INPATIENT: 50% OUTPATIENT: 50%

CONSULTATION: 100% PRIMARY CARE: 0%

**CLOSE CONTACT WITH:** 

- X FULL TIME FACULTY CLINICAL FACULTY
- **FELLOWS** Х
- Χ RESIDENTS
- INTERNS
- OTHER: Nurses, Technologists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 5

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

## TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
	7:30 – 8:00 Clinical Rounds	7:30 – 8:00 Vascular Conference 8:00 – 9:00 Hepatobiliary conference	7:30 – 8:00 Clinical Rounds	8:00 – 9:00 Interventional Teaching Conference	7:30 – 8:00 am Clinical Rounds
АМ	8:00 – 12:30 Procedures	9:00 – 10:00 Interventional Conference/Journal Club 10:00 – 12:30 Procedures	8:00 – 12:30 Procedures		8:00 – 12:30 Procedures
PM	12:30 – 1:30 Noon radiology conference	12:30 – 1:30 Noon radiology conference	12:30 – 1:30 Noon radiology conference	12:30 – 1:30 Noon radiology conference	12:30 – 1:30 Noon radiology conference
	1:30 – 5:00 Procedure/Consults	1:30 – 5:00 Procedures/Consults	1:30 – 5:00 Procedures/Consults	1:30 – 5:00 Procedures/Consults	1:30 – 5:00 Procedures/Consults

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: none