

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

In-Depth

Location: HARBOR

2013-2014  
Revised: 9/17/13

**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:**

Robin Watson

**PHONE #:**

(310) 781-3653

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

**REPORT TO:**

Dr. Coil, D-9, Room 233, in the Emergency Medicine area.  
Please contact one week before elective to set reporting

**COLLEGE AFFILIATION:** Primary Care College

**AVAILABLE FOR EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

**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:**

**MD205.01 INTEGRATIVE CANCER MEDICINE**

Advanced Clinical Clerkship

Location: UCLA

2013-2014  
Revised: 12/10/12

**COURSE CHAIR:**  
Richard J. Pietras, Ph.D., M.D.  
**E-MAIL:**

**PHONE #:**  
(310) 825-9769

**SUPPORTING FACULTY:**  
Mary Hardy, M.D., -JCCC Ted Mann; Ka Kit Hui, M.D.—Department of Medicine, Steven Wong, MD –Dept. of medicine

**STUDENT COORDINATOR:**  
Cary Freeny  
**E-MAIL:** [cfreeny@mednet.ucla.edu](mailto:cfreeny@mednet.ucla.edu)

**REPORT TO:**  
Cary Freeny, Factor Building, 9-240K (310) 267-0596

**COLLEGE AFFILIATION:** Urban Underserved

**AVAILABLE FOR EXTERNS:** No

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

**DURATION:** 2 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**  
11, 15, 17, 22, 29, 31, 33, 35, 38, 40, 42, 44

**DESCRIPTION:** Recent studies indicate that more than 80% of Americans w/ cancer use some form of integrative or alternative medical therapy. Overall, it is estimated that US healthcare consumers spend about \$27 billion/year on these alternative treatments (Ann. Int. Med., 135:189, 2001). This course is intended to introduce students to current concepts and practices in integrative cancer medicine, with opportunities for both research and clinical experiences. Students will learn about methods used for the discovery of new antitumor therapeutics from natural sources and new, evidence-based approaches in clinical-translational research. In addition, students will participate on an inpatient palliative-care service for patients with advanced malignancy and on outpatient services emphasizing conventional as well as alternative and complementary medical practices in internal medicine and oncology.

- COURSE OBJECTIVES (in order of importance)**
1. Introduction to current concepts of integrative cancer medicine.
  2. Knowledge of laboratory approaches to the discovery of new therapeutics derived from natural sources.
  3. Knowledge of clinical-translational research methods and the design and use of clinical trials in evidence-based medicine.
  4. Knowledge of complementary and alternative medical approaches applicable for treatment of cancer and management of the complications of malignancy.
  5. Clinical experience in patient management in the medical oncology outpatient clinic.
  6. Clinical experience in patient management on a palliative care inpatient service for patients with cancer and other chronic conditions.
  7. Clinical experience in pain management for pediatric patients with cancer or cancer survivors, with direct exposure to alternative and complementary medical practices.
  8. Clinical experience in symptom management for patients with cancer and other chronic medical problems using traditional Chinese medicine techniques and approaches.

**STUDENT EXPERIENCES**

<b>COMMON PROBLEMS/DISEASES</b>	1. Breast cancer	<b>INPATIENT:</b> 10%	<b>CLOSE CONTACT WITH:</b>
	2. Ovarian cancer	<b>OUTPATIENT:</b> 90%	
	3. Metastatic cancers	<b>CONSULTATION:</b> N/A	
	4. Childhood cancers	<b>PRIMARY CARE:</b> N/A	
	5. Lung cancer	X FULL-TIME FACULTY	
	6. Prostate cancer	X CLINICAL FACULTY	
	7. Colon cancer	X FELLOWS	
	8. Lymphoma	X RESIDENTS	
	9. Leukemias	X INTERNS	
	10. Head and Neck Cancers	x OTHER: Research Scientists	

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

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 – 12:00 Palliative Care Inpatient Serv. The general organization of the program may be modified to meet the special interests of individual students.	8:00 – 12:00 East-West Medicine	8:00 – 12:00 Pediatric Pain Clinic	8:00 – 12:00 Research Laboratory	8:00 – 12:00 Palliative Care Inpatient
<b>PM</b>	12:00 – 1:00 Laboratory Research Conference 2:00 – 5:00 Research Laboratory Interactions	1:00 – 5:00 East-West Medicine Outpatient Clinic	12:00 – 1:00 Multidisciplinary Case Conference w/ Alternative Clinicians 1:00 – 5:00 Inpatient Pediatric Pain Service	12:00 – 1:00 Cancer Center Seminar 1:00 – 5:00 Medical Oncology Outpatient Clinic	1:00 – 2:00 Research Tutorial 2:00 – 5:00 Research Laboratory Interactions

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Research opportunities available.

**MD253.02 CLINICAL ROTATION IN MALAWI, AFRICA**

Advanced Clinical Clerkship

Location: ASSOC (Partners in Hope Med Ctr.)

2013-2014  
Revised: 7/10/13

**COURSE CHAIR:**

Chris Tymchuk, M.D.

**E-MAIL:** [ctymchuk@mednet.ucla.edu](mailto:ctymchuk@mednet.ucla.edu)

**PHONE #:**

(310) 825-2215

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

1. Gain an understanding of the diagnosis and management of HIV infection
2. Gain an understanding of the diagnosis and management of tuberculosis
3. Gain an understanding of the diagnosis and management of other tropical diseases such as malaria
4. Experience the delivery of health care in a resource poor setting with limited diagnostics, medications, and specialty services
5. Improve physical exam skills (given the reliance on physical exam in the absence of other diagnostics)
6. Apply medical evidence and guideline based practice in a resource poor setting
7. Learn and demonstrate cultural sensitivity
8. Improve doctor-patient communication in the setting of reliance on translation

**SUPPORTING FACULTY:**

Risa Hoffman, M.D., Perry Jensen, M.D.

**STUDENT COORDINATOR:**

Traci Wells, PhD

**E-MAIL:** [twells@mednet.ucla.edu](mailto:twells@mednet.ucla.edu)

**PHONE #:**

(310) 825-2215

**REPORT TO:** John Hamilton at Partners in Hope Medical Center @ 8:00am

**COLLEGE AFFILIATION:** Primary Care

**AVAILABLE FOR EXTERNS:** No

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

TBA. There is an application and interview process for this elective.

**DESCRIPTION:** Students participating in this global health elective will gain broad experience in the delivery of HIV care to extremely under-served populations. Malawi is among the poorest countries in the world. This rotation has an emphasis on the management of HIV/AIDS in resource-limited settings (HIV prevalence in Lilongwe is approximately 20%) and management of malaria, other parasitic infections, and common routine health problems such as diabetes and hypertension. Trainees will rotate through an HIV clinic, a small inpatient ward, and participate in rural outreach clinics in central Malawi. Approximately 70% of patients are adults, although at least one clinic session during the week focuses on pediatric HIV care. Students will also have the opportunity to visit Kamuzu Central Hospital (Lilongwe's largest tertiary care center), an antenatal/OB clinic, and nutrition programs.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. HIV/AIDS
2. Tuberculosis
3. Malaria
4. Kaposi's Sarcoma
5. Bacterial Meningitis
6. Pneumonia
7. Malnutrition
8. Cryptococcal Meningitis

**INPATIENT:** 20%  
**OUTPATIENT:** 80%  
**CONSULTATION:** 0%  
**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**

- FULL-TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- OTHER: clinical officers, nurses, Malawian medical trainees

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 40

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 2,000

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00am - 10:00am Inpatient Rounds	8:00am - 10:00am Inpatient Rounds	8:00am - 10:00am Inpatient Rounds	8:00am - 10:00am Inpatient Rounds	8:00am - 10:00am Inpatient Rounds
	10:00am - 12:30pm Outpatient Clinic	10:00am - 12:30pm Outpatient Clinic	10:00am - 12:30pm Outpatient Clinic	10:00am - 12:30pm Outpatient Clinic	10:00am - 12:30pm Outpatient Clinic
<b>PM</b>	Outpatient Clinic	Outpatient Clinic	Outpatient Clinic	Outpatient Clinic	Outpatient Clinic

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** While in Malawi, students are supervised by US. board certified internists and family physicians, and work alongside Malawian clinical officers, nurses, and providers-in-training. Students may apply for up to \$2,500 in support for the Malawi clinical rotation. Funds are awarded to contribute to the costs of round trip airfare, in-country accommodations, and food. Students selected for the rotation will be required to complete a pre-departure training.

**MD253.04 CLINICAL ROTATION IN CAPE TOWN, SOUTH AFRICA**

Advanced Clinical Clerkship

Location: ASSOC (Somerset Hospital)

2013-2014  
Revised: 7/10/13

**COURSE CHAIR:**  
Lee Miller, MD

**PHONE #:**  
(310) 206-8468

**E-MAIL:** [lmiller@mednet.ucla.edu](mailto:lmiller@mednet.ucla.edu)

**SUPPORTING FACULTY:**

Tanya Arora, MD & Risa Hoffman, MD

**STUDENT COORDINATOR:**

Traci Wells, PhD

**PHONE #:**  
(310) 825-2215

**E-MAIL:** [twells@mednet.ucla.edu](mailto:twells@mednet.ucla.edu)

**REPORT TO:** Susan Rodrigues at Somerset Hospital @ 9:00am

**COLLEGE AFFILIATION:** Primary Care

**AVAILABLE FOR EXTERNS:** No

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

TBA. There is an application and interview process for this elective.

**DESCRIPTION:** While in Cape Town, UCLA medical students will participate in an Emergency Medicine rotation at Somerset Hospital, a major teaching center of the University of Cape Town (UCT) School of Medicine. Supervision of medical students will be by senior medical staff and faculty, and the students will also work alongside medical students and residents from the University of Cape Town. While working in this major trauma center and Emergency Department, students will also participate in mobile clinics through the SHAWCO program, run by UCT medical students, which provides primary care services in the townships and poorer areas of the city. There will be great exposure to common health conditions seen in both primary care and emergency settings, with a strong focus on infectious diseases, particularly tuberculosis and HIV. Students will also learn a great deal about the local health care system, and multiple issues related to systems based practice and addressing health care disparities in this setting.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. HIV/AIDS
2. Tuberculosis
3. Malnutrition
4. Diarrhea and Dehydration
5. Pneumonia
6. Meningitis
7. Trauma
8. Sepsis

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

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

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

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 3,000

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	ER Shift Work	ER Shift Work	ER Shift Work	ER Shift Work	ER Shift Work
<b>PM</b>	ER Shift Work	ER Shift Work	ER Shift Work	ER Shift Work	ER Shift Work

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students may apply for up to \$2,500 in support for the South Africa clinical rotation. This funding may be used to contribute to the cost of round trip airfare, in-country accommodation and food. Students select for the rotation will be required to complete a safety checklist 12 weeks prior to departure.

**MD253.05 CLINICAL ROTATION IN IQUITOS, PERU**

**Location:** ASSOC (Reg. Hosp. of Loreto in Iquitos, Peru)

**2013-2014**  
**Revised:** 7/10/13

**COURSE CHAIR:**  
Lee Miller, MD

**PHONE #:**  
(310) 206-8468

**E-MAIL:** [lmiller@mednet.ucla.edu](mailto:lmiller@mednet.ucla.edu)

**SUPPORTING FACULTY:**

Tanya Arora, MD & Risa Hoffman, MD

**STUDENT COORDINATOR:**

Traci Wells, PhD

**PHONE #:**  
(310) 825-2215

**E-MAIL:** [twells@mednet.ucla.edu](mailto:twells@mednet.ucla.edu)

**REPORT TO:** . Martin Casapia, MD

**COLLEGE AFFILIATION:** Primary Care

**AVAILABLE FOR EXTERNS:** No

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

TBA. There is an application and interview process for this elective.

**DESCRIPTION:** This global health elective will provide broad exposure to an extremely underserved population, with opportunities to see patients at both the Regional Hospital of Belen, and at the high volume Belen Clinic on the Amazon. The inpatient experience will include the general pediatrics ward service and the adult infectious diseases ward service. The outpatient experience will be based at the Belen Clinic, with likely opportunities to see patients in rural health care centers "up river," traveling with a primary care physician and a public health nurse. Some of the most frequently seen diagnoses include diarrhea and dehydration, tuberculosis, dengue fever, malaria, HIV/AIDS, trauma, seizures, meningitis, snake bites, burns and leptospirosis.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Diarrhea and Dehydration
2. Pneumonia
3. Malaria
4. Dengue Fever
5. Malnutrition
6. Tuberculosis
7. Meningitis

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

**CLOSE CONTACT WITH:**

- FULL-TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- OTHER: Medical students from Universidad Nacional de La Amazona Peruana (UNAP)

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

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 3,000

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds
<b>PM</b>	Belen Clinic	Belen Clinic	Belen Clinic	Belen Clinic	Belen Clinic

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students must have at least conversational Spanish skills in order to participate in this elective. Students may apply for up to \$1,500 in support for the Iquitos clinical rotation. Funds are awarded to contribute to the costs of round trip airfare, in-country accommodation and food. Students select will be required to complete a safety checklist 12 weeks prior to departure.

**MD253.06 CLINICAL ROTATION IN MAPUTO, MOZAMBIQUE**

Advanced Clinical Clerkship

Location: ASSOC (Eduardo Mondlane University (UEM))

2013-2014

Revised: 7/10/13

**COURSE CHAIR:**  
Lee Miller, MD

**PHONE #:**  
(310) 206-8468

**E-MAIL:** [lmiller@mednet.ucla.edu](mailto:lmiller@mednet.ucla.edu)

**SUPPORTING FACULTY:**  
Emily Hartford, MD

**STUDENT COORDINATOR:**  
Traci Wells, PhD

**PHONE #:**  
(310) 825-2215

**E-MAIL:** [twells@mednet.ucla.edu](mailto:twells@mednet.ucla.edu)

**REPORT TO:** Dr. Emily Hartford in the Department of Pediatrics at Central Hospital @ 8:00am

**COLLEGE AFFILIATION:** Primary Care College

**AVAILABLE FOR EXTERNS:** No

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

TBA. There is an application and interview process for this elective.

**DESCRIPTION:** This UCLA global health elective will provide broad exposure to the delivery of care to an extremely underserved pediatric population at this major referral center. The major emphasis of this rotation will be in the inpatient setting at the 1500-bed Central Hospital, with additional opportunities to work in the Emergency Department or ambulatory community settings. Students may rotate on the pediatric infectious diseases ward, on the malnutrition ward and on the general pediatrics services, gaining broad exposure to the variety of medical problems encountered in this setting. In addition to the clinical experience, students will have opportunities to learn more about medical education and the health care delivery system in Mozambique. While in Mozambique, students are supervised by attending pediatric faculty members, working alongside pediatric residents and medical students from the UEM School of Medicine.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. HIV/AIDS
2. Tuberculosis
3. Malaria
4. Malnutrition
5. Diarrhea and Dehydration
6. Pneumonia
7. Maramus
8. Kwashiorkor

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

**CLOSE CONTACT WITH:**

- FULL-TIME FACULTY
- X** CLINICAL FACULTY
- FELLOWS
- X** RESIDENTS
- INTERNS
- X** OTHER: Medical students from Eduardo Mondlane School of Medicine

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

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 3,000

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds
<b>PM</b>	Outpatient Clinic Emergency Department	Outpatient Clinic Emergency Department	Outpatient Clinic Emergency Department	Outpatient Clinic Emergency Department	Outpatient Clinic Emergency Department

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** While proficiency in Portuguese is ideal, it is not required for this rotation; however, students must at least have conversational Spanish skills in order to participate in this elective. Students may apply for up to \$2,500 in support for the Iquitos clinical rotation. Funds are awarded to contribute to the costs of round trip airfare, in-country accommodation and food. Students select will be required to complete a safety checklist 12 weeks prior to departure.

**MD253.07 CLINICAL ROTATION IN HANGZOU, CHINA**

Advanced Clinical Clerkship

Location: \*ASSOC

2013-2014

Revised: 7/10/13

**COURSE CHAIR:**  
Neil Parker, MD

**PHONE #:**  
(310) 825-6774

**E-MAIL:** [nhparker@mednet.ucla.edu](mailto:nhparker@mednet.ucla.edu)

**SUPPORTING FACULTY:**

Lee Todd Miller, MD; Risa Hoffman, MD; Dan DeUgarte, MD

**STUDENT COORDINATOR:**

Traci Wells, PhD

**PHONE #:**  
(310) 825-2215

**E-MAIL:** [twells@mednet.ucla.edu](mailto:twells@mednet.ucla.edu)

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

1. Gain an understanding of the surgical evaluation and management of patients in China.
2. Gain an understanding on Traditional Chinese Medicine, including the treatment on common diseases, using acupuncture, point prescription and Chinese massage.
3. Gain a better understanding of different health care delivery systems and the challenges of providing care in rural communities.

**REPORT TO:** . Ms. Mingli Yang—Time TBD

**COLLEGE AFFILIATION:** Primary Care College

**AVAILABLE FOR EXTERNS:** No

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

TBD. There is an application and interview process for this elective.

**DESCRIPTION:** Students participating in this global health elective will gain a broad experience in different health care systems and delivery mechanisms, including application of Traditional Chinese Medicine to diagnose and treat a wide range of ailments. Students will participate for one week on a Traditional Chinese Medicine Service learning about the treatment of common disease, including the use of acupuncture, point prescription and Chinese massage. Additionally, students will see surgical patients at Zhejiang University's Second Affiliated Hospital on the service of their choice (medicine, surgery, etc.), participating on rounds, in case conferences, and if applicable, inpatient and outpatient surgery. A third week will be spent in the community of Qujiang working in a community health center serving the rural Wuxi River community and surrounding remote mountainous regions. Students will participate in health screenings and promotion, and maternal and child health clinics.

STUDENT EXPERIENCES		
<b>COMMON PROBLEMS/DISEASES</b> 1. Gastric Cancer 2. Esophageal Cancer 3. Hypertension 4. Chronic Pain 5. Trauma 6. Well Child Care 7. Pneumonia 8. Liver Failure	<b>INPATIENT:</b>	50%
	<b>OUTPATIENT:</b>	50%
	<b>CONSULTATION:</b>	50%
	<b>PRIMARY CARE:</b>	50%
	<b>CLOSE CONTACT WITH:</b>	
	X FULL-TIME FACULTY	
	X CLINICAL FACULTY	
	FELLOWS	
X RESIDENTS		
X INTERNS		
X OTHER: Medical Students from Zhejiang University School of Medicine		

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

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 3000

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Inpatient Rounds and Patient Care	Inpatient Rounds and Patient Care	Inpatient Rounds and Patient Care	Inpatient Rounds and Patient Care	Inpatient Rounds and Patient Care
<b>PM</b>	Outpatient Care	Outpatient Care	Outpatient Care	Outpatient Care	Outpatient Care

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students must have at least minimal proficiency in Mandarin to participate. Students may apply for up to \$2000 in support for the China clinical rotation. Funds are awarded to contribute, but not cover, costs of round-trip airfare, in-country accommodations and meals. Students may apply for up to \$2000 in support for the Iquitos clinical rotation. Funds are awarded to contribute to the costs of round trip airfare, in-country accommodation and food. Students select will be required to complete a safety checklist 12 weeks prior to departure.

**MD254.01 NON-OPERATIVE MUSCOSKELETAL & SPINE PAIN MANAGEMENT**

Advanced Clinical Clerkship

Location: CHS/WVA

2013-2014

Revised: 6/3/13

**COURSE CHAIR:**

David E. Fish, M.D., M.P.H.

**E-MAIL:**

**PHONE #:**

(310) 319-3815

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

1. The adoption of a management as an opposed to curative approach to chronic spine and musculoskeletal pain patients.
2. Learn brief psychological assessment for patients with pain, including substance abuse potential and depression.
3. Learn appropriate pharmacotherapy for chronic and acute pain.
4. Gain an understanding of interventional approaches to spine and musculoskeletal pain.
5. Learn a musculoskeletal and spine exam for acute and chronic pain.
6. Learn appropriate post-surgical spine pain evaluation and treatment.
7. Learn MRI and X-ray reading and interpretation of the spine and extremities.
8. Learn timing of test ordering and interventional procedures during work-up and management of spine and musculoskeletal pain.
9. Understand the use of electromyographic testing and diagnosis for peripheral nerve disease.

**SUPPORTING FACULTY:**

Langston Holly, MD, Saravash Chrissian, MD ;Jeff Wang, MD, Quynh Pham, MD, Larry Khoo, MD; A. Nick Shamie, MD

**STUDENT COORDINATOR:**

Iris Mau

**PHONE #:**

(310) 206-2567

**E-MAIL:** [imau@mednet.ucla.edu](mailto:imau@mednet.ucla.edu)

**REPORT TO:**

Dr. Fish, 1245 16th Street, Suite 220

**College Affiliation:** Urban Underserved College

**AVAILABLE FOR EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 8, 11, 14, 17, 21, 27, 30, 33, 38, 41, 44

**DESCRIPTION:** The UCLA Spine Center and the VA Greater Los Angeles Health Care System Center consists of a Multidisciplinary Non-Operative musculoskeletal and spine pain management team.. Students will have an opportunity to participate in the evaluation of both chronic and acute musculoskeletal and spine pain patients under the supervision of a multidisciplinary team. This includes medication management, physical therapy, psychological assessment, interventional procedures, peripheral nerve diagnosis with Electromyography and the development of a comprehensive management plan for musculoskeletal and spine. Students will also have an opportunity to observe and help perform interventional spine or musculoskeletal pain procedures such as nerve blocks, facet blocks, muscle, joints and tendons.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Spine pain
2. Neuropathic pain
3. Fibromyalgia/myofascial pain
4. Psychological issues related to spine pain.
5. Headaches
6. Musculoskeletal or Myofascial pain
7. Post-surgical spine pain
8. Radiculopathy

**INPATIENT:**

0%

**OUTPATIENT:**

100%

**CONSULTATION:**

YES

**PRIMARY CARE:**

NO

**CLOSE CONTACT WITH:**

- FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- x OTHER: Anesthesia, Neurosurgery, Orthopedics, Physical Medicine & Rehab, Nursing, and Physical Therapy

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 32

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 - 5:00 Outpatient Orthopaedic Clinic (1245 16 <sup>th</sup> St., suite 220)  Comprehensive Spine Center	8:00 - 12:00 Outpatient Orthopaedic Clinic (200 Med Plaza)  Comprehensive Spine Center	8:00 - 12:00 Outpatient Orthopaedic Clinic (200 Med Plaza)  Comprehensive Spine Center	8:00 - 4:00 UCLA Outpatient SM UCLA Medical Center	8:00 - 5:00 Outpatient Orthopaedic Clinic (100 Med Plaza, Suite 755)
<b>PM</b>	5:30 - 6:30 Spine Lecture Series	1:00 - 4:30 Musculoskeletal Lecture Series (VA WLA)	1:00 - 4:30 Outpatient Procedures Interventional Physiatry	8:00 - 4:00 UCLA Outpatient SM UCLA Medical Center	8:00 - 5:00 Outpatient Orthopaedic Clinic (100 Med Plaza, Suite 755)

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Research opportunities available.



**MD295.01 COMPREHENSIVE SPINE AND PAIN**

Advanced Clinical Clerkship

Location: UCLA/S. MONICA

2013-2014  
Revised: 12/10/12

**COURSE CHAIR:**

David E. Fish, M.D. M.P.H.

**E-MAIL:**

**PHONE #:**

(310) 794-4885

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

1. Link of computer science and the medical specialty.
2. Participate in a radiosurgical procedure.
3. Evaluate patients as out-patient candidates for radiosurgery.
4. Evaluate patients in follow-up after radiosurgery.
5. Learn pathologies of brain treatable by radiosurgery.
6. Learn principles of radiobiology as it relates to radiosurgery.
7. Learn principles of anatomy as related to radiosurgery.
8. Learn principles of radiation physics as related to radiosurgery.
9. Radiological imaging techniques related to radiation surgery including neuro-angiography, computed tomography (CT), magnetic resonance imaging (MRI), and positron emission tomography (PET).
10. Evaluation of surgical functional disease of the CNS.
11. Functional neurology.

**SUPPORTING FACULTY:**

Drs. J. Wang—Orthopaedics; L. Khoo—Neurosurgery; A. N. Shamie—Orthopaedic Surgery

**STUDENT COORDINATOR:**

Iris Mau

**PHONE #:**

(310) 206-2567

**E-MAIL:** [imau@mednet.ucla.edu](mailto:imau@mednet.ucla.edu)

**REPORT TO:**

Dr. Fish, 1245 16th st suite 220

**COLLEGE AFFILIATION:** Urban Underserved College

**AVAILABLE FOR EXTERNS:** Yes

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

**DURATION:** 3 weeks (For 2 weeks, submit a Drop/Add form after June 4, 2012)

**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 8, 11, 14, 17, 21, 27, 30, 33, 38, 41, 44

**DESCRIPTION:** The Comprehensive Spine Center at UCLA consists of a multidisciplinary team that approaches all types of spinal disorders. Students will have an opportunity to participate in the evaluation of both operative and non-operative spine patients under the supervision of the multidisciplinary team, including Neurosurgery, Orthopaedic Surgery, Anesthesiology, and Psychiatry (Physical Medicine and Rehabilitation). Treatment options to be taught are: medication management, physical therapy, psychological assessment, interventional procedures, and surgical interventions. Students will also have an opportunity to observe interventional procedures such as nerve blocks, facet blocks, epidurals, discograms, and spinal cord stimulator implantation under direct supervision. Surgical cases will include laminectomy, microdiscectomy, and fusion instrumentation. Students will also attend scheduled lectures geared toward spine and pain management.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Spine pain
2. Neuropathic pain
3. Fibromyalgia / myofascial pain
4. Psychological issues related to spine pain.
5. Herniated Disks
6. Musculoskeletal or Myofascial pain
7. Post-surgical spine pain
8. Radiculopathy

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

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: Anesthesia, Neurosurgery, Orthopedics, Physical Medicine & Rehab, Nursing

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 32

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:00 - 5:00 Neurosurgery OR (UCLA-Santa Monica)  Comprehensive Spine Center	8:00 - 5:00 Procedure Rooms (200 Med Plaza)  UCLA Surgical Center	8:00 - 12:00 Outpatient Orthopaedic Clinic (200 Med Plaza)  Orthopaedic Surgery	8:00 - 4:00 Orthopaedics OR  (UCLA-Santa Monica)	8:00 - 5:00 Outpatient Orthopaedic Clinic (100 Med Plaza, Suite 755)  Comprehensive Spine Center
<b>PM</b>	Spine Conference UCLA Orthopedic Library 5:00—6:00		1:00 - 5:00  (UCLA-Santa Monica)  Comprehensive Spine Center		

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Research opportunities available.

**MD299.02 PALLIATIVE CARE**

Advanced Clinical Clerkship

Location: WVA

2013-2014  
Revised: 7/8/13

**COURSE CHAIR:**  
Deborah Moran, MD  
**PHONE #:**  
(310) 268-4657  
**E-MAIL:** [deborah.moran2@va.gov](mailto:deborah.moran2@va.gov)

**SUPPORTING FACULTY:**

**STUDENT COORDINATOR:**  
Jillisa Steckart, Psy.D.  
**PHONE #:**  
(310) 268-3500  
**E-MAIL:** [jillisa.steckart@va.gov](mailto:jillisa.steckart@va.gov)

**REPORT TO:**  
The Fellows Room, Bldg. 500, Room 2057 at 9:00 a.m.

**COLLEGE AFFILIATION:** Primary Care College

**AVAILABLE FOR EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**  
By Arrangement

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

1. The adoption of a caring, as opposed to curing, role for health care professionals.
2. Learn the psychological stages of the dying process, grief reactions, and the pathophysiology of death and dying.
3. Ethical and legal issues in the care of the terminally ill.
4. Accurate prognostication and communication of prognosis.
5. Other aspects of communication with patient and family, including management of emotional and psychological issues.
6. Effective methods of symptom control, including relief of pain, fever, nausea, dyspnea, pruritus, and other gastrointestinal, respiratory, urinary, cutaneous, CNS, musculoskeletal, and systemic symptoms.
7. Gain an understanding of the patient and family in the context of the home environment.
8. Learn to provide care as a member of a coordinated multidisciplinary team.
9. Improve medical decision-making: analysis of medical data and synthesis of information.
10. Medical record keeping (data collection, record keeping, writing consults).
11. Increase the student's confidence and ability to give oral presentations.

**DESCRIPTION:** The Palliative Treatment Program at VAMC West Los Angeles consists of a consultative service for the entire hospital. A multidisciplinary team approach is used to provide or recommend palliative care measures for terminally ill patients and to optimize the quality of life of patients wishing hospice care. Various teaching aids, including videotapes and reading materials, are available. Emphasis is on learning the principles of palliation and the skills required in providing palliative care. The student will be following consult patients and patients in Geriatrics and Extended Care Units programs. Student may also have the opportunity to visit community hospice programs.

**STUDENT EXPERIENCES**

- COMMON PROBLEMS/DISEASES**
1. Pain secondary to cancer
  2. Depression
  3. GI - constipation, nausea/vomiting
  4. Psychosocial issues
  5. Spinal cord compression
  6. Seizures
  7. Dyspnea
  8. Ethical/legal issues

**INPATIENT:** 90%  
**OUTPATIENT:** 10%  
**CONSULTATION:** 80%  
**PRIMARY CARE:** 20%

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

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 7

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	9:00 – 12:00 Ward Consults	9:00 – 12:00 Ward Consults	9:00 – 12:00 Ward Consults	9:00 – 12:00 Ward Consults	9:00 – 12:00 Ward Consults
<b>PM</b>	12:00 – 1:00 Medical Lecture Series 2:00 – 3:00 Consult Rounds Ward Consults	12:00 – 1:00 Medical Lecture Series Consult Rounds Ward Consults	12:00 – 1:00 Medical Lecture Series 2:00 – 3:00 Palliative Care Conference	12:00 – 1:00 Medical Lecture Series Consult Rounds Ward Consults	12:00 – 1:00 Medical Lecture Series Consult Rounds Ward Consults

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**MD340.01 MULTIDISCIPLINARY BREAST ONCOLOGY**

Subinternship

Location: S.MONICA

2013-2014  
Revised: 12/10/12

**COURSE CHAIR:**  
Nova Foster, M.D.—Surgery (310) 319-4080  
Susan McCloskey, M.D. Radiation Oncology (310) 825-9771

**SUPPORTING FACULTY:**  
Drs. Anne Hoyt-Radiology, Sara Hurvitz-Medical Oncology,  
Nicole Dawson-Pathology, Charles Tseng-Plastic Surgery

**STUDENT COORDINATOR:**  
Iris Mau (310) 206-2567  
E-MAIL: [imau@mednet.ucla.edu](mailto:imau@mednet.ucla.edu)

**REPORT TO:** Dr. Sara Hurvitz at 8:45 am at 2020 Santa Monica Blvd., Suite 600

**COLLEGE AFFILIATION:** Academic Medicine College

**AVAILABLE FOR EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2012-2013 ROTATIONS BEGIN WEEKS:**  
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44

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

1. Gain an understanding of the multidisciplinary nature of breast cancer care.
2. Gain expertise in taking a breast specific history and performing a clinical breast exam to screen for breast cancer.
3. Learn to develop an individually appropriate work-up and treatment plan for a patient with a new breast cancer diagnosis or suspected recurrence.
4. Understand the role of tumor biomarkers and genomic profiling in developing a personalized breast cancer treatment plan.
5. Understand breast cancer imaging protocols for screening, diagnosis, and follow up of breast cancer.
6. Gain a basic understanding of breast cancer pathology, including the basics of diagnosing and pathologically classifying breast cancer.
7. Observe and understand the basic surgical interventions for breast cancer including breast conserving surgery, axillary nodal evaluation, and mastectomy +/- reconstruction.
8. Understand the basic indications, logistics, and side effects of systemic therapy for breast cancer (including chemotherapy and endocrine therapy).
9. Understand the basic indications, logistics, and side effects of radiation therapy for breast cancer.
10. Understand principles for designing and implementing a personalized, multidisciplinary clinic.

**DESCRIPTION:** The Multidisciplinary Breast Oncology rotation will give the 4th year student a dedicated introduction to the multidisciplinary approach to the management of breast cancer. The student will participate in the multidisciplinary breast cancer clinic, which will be attended by patients and physicians representing all specialties, and will then have the opportunity to rotate one on one with each specialty physician to learn the basics of the skill set each contributes. The rotation will be an outpatient/clinic based rotation, with some time in the operating room. It is anticipated that this will be a valuable learning experience for students interested in primary care, surgical oncology, medical oncology, radiation oncology, plastic surgery, radiology and pathology.

**STUDENT EXPERIENCES**

<b>COMMON PROBLEMS/DISEASES</b>	<b>INPATIENT:</b> 0%	<b>CLOSE CONTACT WITH:</b>
1. Breast Cancer—New Diagnosis	<b>OUTPATIENT:</b> 100%	X FULL-TIME FACULTY
2. Breast Cancer—Metastatic		X CLINICAL FACULTY
3. Breast Cancer—Recurrent	<b>CONSULTATION:</b> 100%	X FELLOWS
4. Breast Cancer—Post Operative, being evaluated for Adjuvant Therapy (Radiation and/or Chemotherapy)	<b>PRIMARY CARE:</b> 0%	X RESIDENTS
		INTERNS
		OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 7-8

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 30-40

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Breast Cancer/Medical Oncology New Patient Clinic, Dr. Sara Hurvitz	Breast Radiology Dr. Anne Hoyt Or Breast OR Dr. Nova Foster/Dr. Charles Tseng or other surgeons	Multidisciplinary Breast Cancer Tumor Board  Multidisciplinary Breast Cancer Clinic	Breast Cancer/ Radiation Oncology Clinic Dr. Susan McCloskey	Radiology-Pathology Breast Conference Breast Medical Oncology Clinic Dr. Sara Hurvitz Or Breast OR Dr. Nova Foster
<b>PM</b>	Breast Cancer/Surgical Oncology Clinic Dr. Nova Foster	Breast OR Dr. Nova Foster/Dr. Charles Tseng or other surgeons	Independent Study Time	Breast Pathology Dr. Nicole Dawson Or Breast OR Dr. Nova Foster	Breast OR Dr. Nova Foster or other surgeons

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**MD455.01 SURGERY AND ANESTHESIOLOGY CRITICAL CARE MEDICINE**

Subinternship/Inpatient

Location: UCLA

2013-2014  
Revised: 1/10/12

**COURSE CHAIR:**

Joseph Meltzer, MD

**PHONE #:**

310-267-8653

**E-MAIL:** [jmeltzer@mednet.ucla.edu](mailto:jmeltzer@mednet.ucla.edu)

**SUPPORTING FACULTY:**

Anesthesiology: J. Meltzer, A. Dhillon, V. Gudzenko, S. Singh, R. Steadman, D. Boldt, Y. Ahn, H. Ma & J. Tobin; Surgery: M. Fink

**STUDENT COORDINATOR:**

Lucine Torosian

**PHONE #:**

310-267-8653

**E-MAIL:** [ltorosian@mednet.ucla.edu](mailto:ltorosian@mednet.ucla.edu)

**REPORT TO:** Lucine Torosian, RRUMC Suite 3304 at 7:00 am

**COLLEGE AFFILIATION:** Acute Care College

**AVAILABLE FOR EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

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

1. Demonstrate knowledge of mechanical ventilator techniques, including basic ventilator techniques (synchronized intermittent mandatory ventilation, assist/control ventilation, pressure-support ventilation, continuous positive airway ventilation [CPAP]), advanced ventilator techniques (high-frequency/oscillation, prone, airway pressure-released, Bi-Level), non-invasive ventilator support and assessment patients for initiation and discontinuation of mechanical ventilation.
2. Assist in the management of cardiopulmonary resuscitation; assist in the management hypovolemic, vasodilatory, cardiogenic, neurogenic/spinal and anaphylactic shock; assist in the diagnosis and management of the systemic inflammatory response syndrome (SIRS) and the multiple organ dysfunction syndrome (MODS), including fluid and transfusion therapy.
3. Treat infections, including patients with systemic infections (wound infections, pneumonia, peritonitis, sepsis, and septic shock)
4. Assist in the management patients with hemodynamic instability and cardiac dysfunction, including mechanical cardiac support tools, such as intra-aortic balloon pump (IABP), venovenous and venoarterial extracorporeal membrane oxygenation, and ventricular assist devices (VADs); assist in the management of pacemakers (Implanted, transthoracic, transvenous, percutaneous), defibrillators (external, AICD), and inhaled nitric oxide and prostacyclin.
5. Identify and manage malnutrition and assist in the institution of enteral and parental nutrition
6. Manage disorders in fluid, electrolyte and acid-base balance
7. Manage patients with liver and kidney dysfunction
8. Assist in the management patients both pre-and post lung and heart transplantation
9. Promote patient safety in the ICU including prophylaxis against gastrointestinal hemorrhage,
10. Exhibit good judgment in stressful situations

**DESCRIPTION:** This sub-internship in surgical anesthesiology critical care medicine is designed to not only teach complex physiology and pharmacology but also to expose medical students to the specialties of surgery, anesthesiology and critical care medicine. Students are on a team of physicians, advanced practice nurses and other healthcare professionals, caring for critically ill patients in the Cardio-Thoracic ICU. Our 24-bed CTICU is staffed 24 hours a day with in-house attending coverage. A rigorous didactic and bedside education program is in place for student education. The CTICU focuses on caring for patients before and after complex cardiothoracic operations including single or multiple cardiac valve replacement/repair, coronary artery bypass surgery, heart and lung transplantation as well as mechanical cardiac support. In addition to cardiac, aortic and general thoracic cases, students will manage a wide variety of patients following complex trauma and major surgical operations. Students also will be exposed to the care of patients transferred from outside hospitals.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Respiratory failure & mechanical ventilation
2. Cardiogenic shock
3. Vasodilatory shock and use of pressors, inotropic agents and pacing
4. Hemorrhage, hypovolemia, resuscitation and transfusion
5. Acute renal failure and oliguria
6. Delirium and acute mental status changes
7. Cardiac rhythm disturbances
8. Atrial fibrillation and cardioversion

**INPATIENT:** 100%  
**OUTPATIENT:**  
**CONSULTATION:** 15%  
**PRIMARY CARE:** 85%

**CLOSE CONTACT WITH:**

- X FACULTY
- CLINICAL FACULTY
- FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: Nurses, Nurse Practitioners, Respiratory Therapists

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 3-5

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	6 - 6:45 Sign-out rounds 6:45 - 8:30 Patient care 9 - 11:30 Formal teaching rounds in CTICU 11:30 - 12 Patient care	6 - 6:45 Sign-out rounds 6:45 - 8:30 Patient care 9 - 11:30 Formal teaching rounds in CTICU 11:30 - 12 Patient care	6 - 6:45 Sign-out rounds 7 - 8 Anes or Surgery Grand Rounds 9 - 11:30 Formal teaching rounds in CTICU 11:30 - 12 Patient care	6 - 6:45 Sign-out rounds 6:45 - 8:30 Patient care 9 - 11:30 Formal teaching rounds in CTICU 11:30 - 12 Patient care	6 - 6:45 Sign-out rounds 6:45 - 8:30 Patient care 9 - 11:30 Formal teaching rounds in CTICU 11:30 - 12 Patient care
<b>PM</b>	12 - 3:30 Patient Care 3:30 - 4:15 "ICU 10" Didactic Lecture Series 4:15 - 4:45 Sign-out rounds	12 - 3:30 Patient Care 3:30 - 5 Anes Resident Didactic Lecture Series	12 - 3:30 Patient Care 3:30 - 4:14 "ICU 10" Didactic Lecture Series 4:15 - 4:45 Sign-out Rounds	12 - 3:30 Patient Care 3:30 - 4:15 "ICU 10" Didactic Lecture Series 4:15 - 4:45 Sign-out rounds	12 - 3:30 Patient Care 3:30 - 4:15 "ICU 10" Didactic Lecture Series 4:15 - 4:45 Sign-out rounds

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Two weeknights/week (Mon-Fri). On-call students will remain in-house until ~ 11pm

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Sign out rounds are with the outgoing/overnight ICU attending. Each day the student will meet with primary and consulting services and establish multidisciplinary care plans for patients.

**MD950.01 INTERNSHIP BOOTCAMP SIMULATION**

Transcript Credit

Location: UCLA

2013-2014  
Revised: 4/23/13**COURSE CHAIR:**Randolph Steadman, MD  
Neil Parker, MD  
Yue Ming Huang, EdD, MHS**PHONE #:**(310) 267-2114  
(310) 825-6774  
(310) 267-2114**COURSE OBJECTIVES (in order of importance)**

1. Demonstrate a systematic approach to patient management during acute scenarios.
2. Develop diagnostic and procedural skills at the level of a beginning intern.
3. Improve individual resource management and teamwork communications.

**SUPPORTING FACULTY:**

Carl Stevens, MD and other faculty from the Colleges.

**STUDENT COORDINATOR:**

Amy Frazier

**PHONE #:**

(310) 267-0443

**E-MAIL:** afrazier@mednet.ucla.edu**REPORT TO:**UCLA Simulation Center, 700 Westwood Plaza, room A438  
LRC**COLLEGE AFFILIATION:** 4th Year College Chairs**AVAILABLE FOR EXTERNS:** No**STUDENTS / PERIOD:** max 25 min 20**DURATION:** 1 weeks**2013-2014 ROTATIONS BEGIN WEEKS:**

46 (week before graduation)

**DESCRIPTION:** This is a week-long elective for graduating fourth year medical students. It is a highly participatory course with a lot of hands-on simulations and skills labs mixed with short didactics and discussions. Student will learn how to manage commonly encountered acute scenarios as interns on call in the hospital. Students will be individually assessed on unique cases with feedback provided by clinical faculty. As part of this course, students will also receive their ACLS and BLS certification required for internship.

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

1. Chest pain
2. Abdominal pain
3. Dyspnea
4. Fluids/electrolyte management
5. Fever
6. Teamwork/communication skills

**INPATIENT:** 100%  
**OUTPATIENT:** 0%  
**CONSULTATION:** N/A  
**PRIMARY CARE:** N/A

**CLOSE CONTACT WITH:**

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

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

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Introduction, course overview Lecture: Chest and abdominal pain Jeopardy: Internship readiness	ACLS and BLS certification Practice and Megacode testing	Lecture: Fever, shock/ electrolytes Jeopardy review	Lecture: Dyspnea, documentation and handoffs Group simulation	Simulation: each student individually assessed on unique case Wrap-up and feedback
<b>PM</b>	Simulation: each student individually assessed on unique case Workshop: diagnostic skills	Group simulation Workshops: 1. Ultrasound 2. Surgical skills	Simulation: each student individually assessed on unique case Workshops: 1. IV, IO, arterial line 2. Central line	Simulation: each student individually assessed on unique case Workshops: 1. Basic airway skills 2. Lumbar puncture	

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students must sign a commitment letter and submit a \$250.00 deposit to be returned upon the first day of the course. Any withdrawals from the course after March 1st will result in forfeiture of the deposit. Student commitment is necessary to ensure that clinical faculty teaching time is scheduled in advance for the course. The cost covers the fee to offer ACLS and BLS certification. Please contact the course coordinator for the commitment letter.

**MD999.08 TEACHING FELLOWSHIP - DOCTORING 4**

Transcript Credit

Location: UCLA

2013-2014  
Revised: 12/10/12

**COURSE CHAIR:**

Paul Wimmers, Ph.D.

**E-MAIL:** [pwimmers@mednet.ucla.edu](mailto:pwimmers@mednet.ucla.edu)

**PHONE #:**

(310) 267-2798

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

1. To develop the skills, knowledge, and attitudes to be an effective teacher and leader in academic medicine.
2. To actively practice teaching medical students in small group settings and reflect on the experience
3. To discuss critical issues related to medical education.

**SUPPORTING FACULTY:**

LuAnn Wilkerson, Ed.D., and various faculty serving as small group facilitators in years 1–3

**STUDENT COORDINATOR:**

Zachary Terrell

**E-MAIL:** [zterrell@mednet.ucla.edu](mailto:zterrell@mednet.ucla.edu)

**PHONE #:**

(310) 794-7018

**REPORT TO:**

Location, Date and Time: TBA

**COLLEGE AFFILIATION:** Primary Care

**AVAILABLE FOR EXTERNS:** No

**STUDENTS / PERIOD:** max 40 min 1

**DURATION:** Requires completion of 8 teaching sessions and 3 evening seminars (course will be acknowledged on transcript).

**ROTATIONS BEGIN WEEKS:**

By Arrangement\*

**DESCRIPTION:** This is a longitudinal experience that will require students to negotiate time from concurrent clinical electives for participation in a teaching practicum as Academic Fellows. During scheduled small group teaching sessions in required courses in medical school years 1, 2 or 3, Academic Fellows will co-facilitate with an experienced faculty member in a teaching setting of each student's choice—including Doctoring 1, 2, or 3, or Problem-Based Learning (PBL) groups in any of the new curriculum blocks in years 1 and 2. This teaching practicum will include participation in related faculty development sessions. Learning theory and teaching practices will be addressed in seminar series in 3 required evenings out of 5.

STUDENT EXPERIENCES			
<b>COMMON PROBLEMS/DISEASES</b> N/A	<b>INPATIENT:</b>	N/A	<b>CLOSE CONTACT WITH:</b> X FULL-TIME FACULTY CLINICAL FACULTY FELLOWS RESIDENTS INTERNS OTHER:
	<b>OUTPATIENT:</b>	N/A	
	<b>CONSULTATION:</b>	N/A	
	<b>PRIMARY CARE:</b>	N/A	

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

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Faculty development and teaching (some faculty development sessions may be scheduled separately): Doctoring 1: Tuesday, Wednesday, or Thursday afternoons (twice a month) Doctoring 2: Tuesday, Wednesday, or Thursday afternoons (twice a month) Doctoring 3: Tuesday or Thursday mornings (twice a month) Problem-Based Learning, Monday and Friday mornings, 8-week blocks				
<b>PM</b>	Four evening seminars on teaching and learning				

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

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** \*Doctoring yr.1 – August 8; Doctoring yr. 2 – Sept 6; Doctoring yr. 3 – Sept. 8; Human Biology & Disease problem-based learning groups – beginning throughout the year depending on the block.