In-Depth Location: CHS 3/9/01

COURSE CHAIR: 
Julio Licino, M.D. 310-206-6207

PHASE: Clinical Pharmacology and Therapeutics

SUPPORTING FACULTY:
Gautam Chaudhuri, M.D., Ph.D., Professor of Ob/Gyn
20 faculty from various clinical departments

STUDENT COORDINATOR: 
Ava Martin 310-206-6739

REPORT TO: Julio Licinio in the Gonda Center Conf. Room- Ground Floor @ 9:30 a.m.

PREREQUISITES: All required clerkships

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 40 min 5

DURATION: 2 weeks

2001 - 2002 ELECTIVES BEGIN WEEKS: 31

COURSE OBJECTIVES (in order of importance)
1. Integrate clinical pharmacology principles with clinical practice to avoid adverse drug reactions, using a case discussion format.
2. Understand applications of pharmacokinetics and pharmacodynamics that impact treatment.
3. Gain proficiency in the pharmacogenetic differences between populations.
4. Achieve an appreciation of interindividual variability and identify treatment issues in specific populations, including children, the elder, and pregnant women.
5. Review the mechanisms of drug interactions, particularly in-patients with multi-system disease.
7. Understand appropriate therapeutic approaches to poisoning and overdoses.
8. Increase awareness of benefits and potential problems related to pharmacoeconomics.

INTRODUCTION: Adverse drug reactions, including drug interactions, have been identified as a public health problem nationwide. Clinical pharmacology is a bridge discipline that integrates basic pharmacological principles with all medical specialties and subspecialty. In this context, this course has been developed to teach medical students the use of clinical pharmacology as a tool to improve therapeutics in individual patients. The course will teach qualitative and quantitative therapeutic decision-making, with the goals of helping students learn to distinguish drug-related events from disease processes and to individualize treatment based on clinical pharmacology principles. The course will provide an overview of drug discovery and drug development.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Adverse drug reactions
2. Dosing
3. Special populations
4. Complex diseases
5. Poisoning
6. Drug overdoses
7. Drug interactions

INPATIENT: N/A
OUTPATIENT: N/A
CONSULTATION: N/A
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>Lecture</td>
<td>Case discussions</td>
<td>Case discussions</td>
<td>Case discussions</td>
<td>Case Discussions</td>
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<tr>
<td>PM</td>
<td>Case discussions</td>
<td>Case discussions</td>
<td>Case discussions</td>
<td>Patient simulator</td>
<td>Independent Study Time</td>
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<td></td>
<td>Hands-on didactic activity (P&amp;T committee, drug information center, chart review, poison control center)</td>
<td>Hands-on didactic activity (P&amp;T committee, drug information center, chart review, poison control center)</td>
<td>Hands-on didactic activity (P&amp;T committee, drug information center, chart review, poison control center)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The case discussions are highly interactive and include WWW based instructional strategies. Melmon and Morrelli’s Clinical Pharmacology, Fourth Edition, is recommended.
MD199.04  QUALITY MANAGEMENT IN A HEALTH FACILITY

In-Depth  Location: HARBOR  2001-2002

COURSE CHAIR:  Tony Greenberg, M.D.  PHONE #:  (310) 222-2168

SUPPORTING FACULTY:

COURSE OBJECTIVES (in order of importance):
1. Develop awareness and understanding of the presentation of medical issues in literature and film.
2. Develop critical skills in analyzing insights literature provides into the medical profession, particularly from the patients' perspective.
3. Develop an understanding of “story telling” as an essential theme of illness and the literature of illness.
4. Develop skills of “story telling” in conveying medical information.

PREREQUISITES:  None

AVAILABLE TO EXTERNS:  No

STUDENTS / PERIOD:  max 24  min 8

DURATION:  36 weeks

2001-2002 ELECTIVES BEGIN WEEKS:  To be determined-
Early September By Arrangement

DESCRIPTION:  Students meet once monthly for eight (8) sessions for discussion of selected readings (e.g., Mann, Solzhenitsyn, Hemingway, Woolf, Sacks) or films (e.g., “My Left Foot,” “Awakenings”) focused on the presentation of medical issues from the patients' perspective. The course runs from September to May. Students must attend a minimum of 5 sessions and will receive 2 weeks pass/fail credit.

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

OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  N/A

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

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  The last two sessions (March & April) are devoted to student "story telling" and are located in faculty homes.
SUPPORTING FACULTY:  
Carlene Boyle, R.N., M.S., Quality Assessment/Resource Management

STUDENT COORDINATOR:  PHONE #:  
Mele Lei-Sam (310) 222-2168

REPORT TO:  Tony Greenberg, M.D., Harbor-UCLA Medical Center, 1000 W. Carson St. B-4 Annex.

AVAILABLE TO EXTERNS:  Yes

PREREQUISITES:  None

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2001-2002 ELECTIVES BEGIN WEEKS:  
1, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

COURSE OBJECTIVES (in order of importance)
1. Knowledge of basic components of quality management programs.
2. Understanding 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. Understanding of methods for performing and reporting peer review in a medical staff organization.
7. Knowledge of the role and functions of process action teams.
8. Understanding clinical claims management in medical malpractice.
9. Experience in developing a clinical practice guidelines or algorithm.

DESCRIPTION:  The student will participate directly in several components of the quality management program at Harbor-UCLA Medical Center, including peer review meetings, process action teams, professional staff committee meetings, development of clinical practice guidelines, and resource management review activities. The student will be encouraged to work on a special project related to a current quality improvement issue.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
N/A

INPATIENT:  %
OUTPATIENT:  %
CONSULTATION:  %

CLOSE CONTACT WITH:
X FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
X OTHER Administrative leaders

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Committee Meetings</td>
<td>Process Action Teams</td>
<td>Committee Meetings</td>
<td>Risk Management</td>
<td>Morbidity &amp; Mortality Conference</td>
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<td></td>
<td>Morbidity &amp; Mortality Conference</td>
<td></td>
<td>Resource Management Review</td>
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<tr>
<td>PM</td>
<td>Committee Meetings</td>
<td>Peer Review Committee</td>
<td>Committee Meetings</td>
<td>Committee Meetings</td>
<td>Project Time</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
MD199.05  MEDICAL MEDIA AND BROADCASTING

In-Depth  Location: ASSOC  2001-2002

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance):
Bruce M. Hensel, M.D.  (818) 840-4431  1. To expose the student to media and medical broadcasting.

SUPPORTING FACULTY:

2. To develop the student’s communicative skills as a physician, advisor, and public speaker (oral presentations).

STUDENT COORDINATOR:  PHONE #:  3. To develop the student’s researching, investigative, and informational evaluation abilities.
Bruce M. Hensel, M.D.  (818) 840-4431

REPORT TO: Dr. Hensel, KNBC TV-
News Room, 3000 W. Alameda Ave., Burbank @ 8:00 a.m.

PREREQUISITES: 4th year students only

AVAILABLE TO EXTERNAL: Yes

STUDENT EXPERIENCES

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2001-2002 ELECTIVES BEGIN WEEKS:
By Arrangement

DESCRIPTION: This will be a one-on-one experience for the student. It will expose the student to all aspects of media, medical broadcasting, research, investigation, compilation, and creation. As media becomes more important for the patient and the doctor, it will help hone skills essential to the practice of medicine now and in the future. The course will not involve patient care. Instead it will focus on the ever growing role of media in medicine and enable the student to explore his/her interest in that area.

COMMON PROBLEMS/DISEASES

1. Cardiovascular problems
2. Medical Ethics
3. Biogenetics
4. New technology (laser, laparoscopy, etc.)
5. Vaccinations (adults & children)
6. Latest surgical techniques
7. Infectious diseases as they affect the public

STUDENT EXPERIENCES

INPATIENT: N/A%

OUTPATIENT: N/A%

CONSULTATION: N/A%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: N/A

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 – 10:00  Review all wires &amp; journals, decide on that day’s story, and review with producers, set-up &amp; shoot, investigate research, etc.</td>
<td>10:00 - 11:00  Review all elements, library search of resources, follow-up</td>
<td>11:00 - 12:00  Shoot interviews, b-roll standups, and all necessary footage</td>
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<tr>
<td>PM</td>
<td>1:00 – 2:00  If shoot not complete, do so at this time; collect and evaluate other necessary information.</td>
<td>2:00 – 4:00  View and assist in writing of daily segment at this time begin researching editors and phoning on next day and future stories.</td>
<td>4:00 – 5:00  View and edit that day’s story; follow-up on calls and resources; review for future.</td>
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NOTE: The student will view, assist, and whenever possible participate in all above activities which will also include help editing, writing, and researching. Only in case of breaking medical news (e.g., disasters, President’s illness, etc.), at discretion of student.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This course will also sharpen the student’s research abilities, capacity for evaluation of lay and professional studies, communicative skills (especially in the area of making medical information understandable for the patient) and put the most up-to-date news at the student’s fingertips. **The course is limited to 3 students per year.
MD199.07  SPANISH ELECTIVE FOR THIRD YEAR STUDENTS

In-Depth  Location: CHS  2001-2002  3/9/01

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Paula Henderson, M.D.  (310) 825-2716  1. To speak basic Spanish relevant to patient care.
2. To appreciate cultural and ethnic values and beliefs that may influence health and illness behaviors in Latino patients and their families.

SUPPORTING FACULTY:
Rosa Blackman

STUDENT COORDINATOR:  PHONE #:
Anne Gadelha  (310) 825-2716

REPORT TO: Rehab Building, Room A6-60 at 8:00 am on first

PREREQUISITES: None

AVAILABLE TO EXTERNs: No

STUDENTS / PERIOD: max Unlimited  min 1

DURATION: Longitudinal over 3rd year in conjunction with Doctoring 3

2001-2002 ELECTIVES BEGIN WEEKS:
By Arrangement (1 week’s credit will be awarded)

DESCRIPTION: This course will give students an opportunity to develop their medical Spanish language skills. The students will be divided into beginning and intermediate levels. Progress in language acquisition will require self-study and practice with real patients during their clerkships.

COURSE OBJECTIVES (in order of importance)

1. To speak basic Spanish relevant to patient care.
2. To appreciate cultural and ethnic values and beliefs that may influence health and illness behaviors in Latino patients and their families.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
N/A

INPATIENT:  N/A%  OUTPATIENT:  N/A%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  N/A

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8-9 am Seminar on your assigned Doctoring day.</td>
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ON CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Spanish language software is available in the Microcomputing Facility in the Biomedical Library.
MD199.08  DOCTORING 4 TEACHING FELLOWSHIP

In-Depth   Location: CHS   2001-2002   3/9/01

COURSE CHAIR:   PHONE #:   COURSE OBJECTIVES (in order of importance)
Drs. Jerome Hoffman,  
Richard Usatine, & Michael Wilkes

SUPPORTING FACULTY:  
Doctoring Faculty & LaAnne Wilkerson

STUDENT COORDINATOR:  PHONE #:  
Anne Gadelha  (310) 825-2716

REPORT TO:  Medical West, time TBA

PREREQUISITES:  Doctoring 3

AVAILABLE TO EXTERN:  No

STUDENTS / PERIOD:  max 40 min 1

DURATION:  Intermittent Mtgs (2 weeks credit will be 

2001-2002 ELECTIVES BEGIN WEEKS:  
By Arrangement (beginning mid August)

DESCRIPTION:  This is a longitudinal experience which will require the students to negotiate time for participation from concurrent clerkships in a teaching practicum as Doctoring Fellows. One-half day every other week, the Doctoring fellows will co-facilitate with an experienced faculty member in a teaching setting of each student's choice--either: Doctoring I, II, III, or Clinical Fundamentals of Medicine. This teaching practicum will include participation in related faculty development sessions. Learning theory and teaching practices will be addressed in a monthly seminar series held in the evenings. Each student will complete a curriculum plan or evaluation project relevant to Doctoring.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT:  N/A%  CLOSE CONTACT WITH:
N/A  OUTPATIENT:  N/A%  X  FULL TIME FACULTY

CONSULTATION:  N/A%  CLINICAL FACULTY

FELLOWS

RESIDENTS

INTERNS

OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  N/A

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

TYPICAL WEEKLY SCHEDULE

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| AM   |        |         | Faculty development and teaching in a Doctoring tutorial.  
|      |        |         | (Bi-weekly) |          |        |
|      |        |         | (Monthly) | Seminar on teaching and learning |        |
| PM   |        |         |          |          |        |

ON CALL SCHEDULE & WEEKEND ACTIVITIES:  N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will have an opportunity to receive additional credit for related projects.
MD230.01  MULTIDISCIPLINARY APPROACH TO GI DISORDERS

Advanced Clinical Clerkship  Location:  HARBOR  2001-2002

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance):
Michael J. Stamos, M.D.  (310) 222-2706
1. Diagnosis and management of complicated intestinal disorders.
2. Indications and use of video endoscopy.
3. Consideration of cost effectiveness of screening for GI cancers.
4. Appreciation for benefit of multidisciplinary approach to complex GI disorders.

SUPPORTING FACULTY:  Drs. Tracey Arnell and Victor Eysellein

STUDENT COORDINATOR:  PHONE #:
Loren Miyamoto  (310) 222-2706

REPORT TO:  1-East Surgery Bldg, Dept of Surgery, Harbor-UCLA Med Center, 8:00 a.m. 1st day of the elective

PREREQUISITES:  Medicine, Surgery

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2001-2002 ELECTIVES BEGIN WEEKS:  Any
1,5,8,11,17,20,27,30,33,36,39,42,45

DESCRIPTION:  Designed primarily for the student interested in GI Surgery or GI Medicine. The student will be expected to function independently with close contact of supporting faculty. Teaching activities include attending rounds, endoscopy experience, and attendance at conferences.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Colon/Rectal Cancer
2. Inflammatory Bowel Disease
3. Diverticulitis
4. Ischemic Colitis
5. GI bleeding
6. Benign anorectal disease
7. Colorectal cancer screening

INPATIENT:  75%  CLOSE CONTACT WITH:
OUTPATIENT:  25%  X FULL TIME FACULTY
CONSULTATION:  40%  CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  50

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>SURGERY CLINIC</td>
<td>GI CLINIC</td>
<td>SURGERY GRAND ROUNDS</td>
<td>SURGERY</td>
<td>ENDOSCOPY</td>
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<tr>
<td></td>
<td>M&amp;M SURGERY CONFERENCE</td>
<td>Tumor Board Conferences</td>
<td></td>
<td>Attending Round</td>
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<tr>
<td>PM</td>
<td>ATTENDING ROUNDS (GI)</td>
<td>ENDOSCOPY / SURGERY</td>
<td>Colon &amp; Rectal Surg Clinic</td>
<td>Consalts</td>
<td>ENDOSCOPY</td>
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<td>MED / SURGERY CONFERENCE</td>
<td>GI / PATH. CONFERENCE</td>
<td>Surgery Attending Rounds</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Rounds are multi-disciplinary, a combination of surgical and medical gastroenterology.
MD245.01  CLINICAL STUDIES IN PARASITOLOGY, INFECT. DISEASE, TROP. MED  3/9/01

Advanced Clinical Clerkship  

COURSE CHAIR:  
James S. Seidel, M.D., Ph.D.  
PHONE #:  
(310) 222-3504

COURSE OBJECTIVES (in order of importance)
1. Recognize common parasitic organisms that cause disease.
2. Describe the major opportunistic infections in HIV infected individuals.
3. Identify the issues facing travelers to the developing world.
4. Employ common laboratory methods to diagnose parasitic infections.
5. Define the issue in the primary care of HIV infected individuals.
6. Describe the antiviral treatment of HIV.
7. Describe the treatment of malaria.
8. Describe the presentation of sexually transmitted disease.
9. Describe the therapy for Hansen’s Disease.

SUPPORTING FACULTY:  
Drs. David Bruckner, Christina Anna Mink, Claire Panosian, Daniel Rae and Ms. Lynn Garcia, M.S., C.L.S., Sydney

STUDENT COORDINATOR:  
Maria Figueroao  
PHONE #:  
(310) 222-3504

PREREQUISITES:  
Senior with all major clinical rotations completed

AVAILABLE TO EXTERNALS:  
No

STUDENTS / PERIOD:  
max 1 min 1

DURATION:  
4 weeks

2001-2002 ELECTIVES BEGIN WEEKS:  
(Not available in July or December) By Arrangement

INTRODUCTION:  
This course will enable students to have an in-depth experience in independent study in parasitology and tropical medicine. The course combines independent reading and slide study with clinical rotations in the Clinical Laboratory at UCLA, a Traveler’s Clinic, and at times the Hansen’s Disease Clinic at LAC-USC Medical Center, as well as the Sexually Transmitted Disease Clinic of the Department of Health Services.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Parasitic Organisms
2. HIV
3. Malaria
4. Sexually transmitted diseases
5. Hansen’s disease
6.
7.

INPATIENT:  
N/A

OUTPATIENT:  
N/A

CONSULTATION:  
N/A

PRIMARY CARE:  
N/A

LABORATORY MED  
30%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  
N/A

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Public Health or Clinical Laboratory</td>
<td>Public Health or Clinical Laboratory UCLA</td>
<td>Hansen’s Disease Clinic USC</td>
<td>HIV Clinic Harbor</td>
<td>Traveler’s Clinic UCLA or STD Clinic Hollywood</td>
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<tr>
<td>PM</td>
<td>HIV Clinic Harbor</td>
<td>Public Health or Clinical Laboratory UCLA</td>
<td>Traveler’s Clinic UCLA or Independent Study</td>
<td>Public Health Laboratory</td>
<td>Independent Study</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  
None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  
Program can be tailored to meet the needs of the student taking the elective.
MD253.01 COMMUNITY MEDICINE IN MEXICO

Advanced Clerkship Location: ASSOC(Casa Clinica, Las Varas, Mexico) 3/9/01

COURSE CHAIR: Dr. Richard Usatine
PHONE #: (310) 825-1048

SUPPORTING FACULTY: Laura Del Valle, M.D., MPH, e-mail info@mardejade.com

STUDENT COORDINATOR: Heather Bautista
PHONE: (310) 825-1048
Communication is best by e-mail rusatine@ucla.edu

REPORT TO:

COURSE CHAIR: PHONE #:
Dr. Richard Usatine (310) 825-1048

SUPPORTING FACULTY:
Laura Del Valle, M.D., MPH, e-mail info@mardejade.com

STUDENT COORDINATOR: PHONE:
Heather Bautista (310) 825-1048
Communication is best by e-mail rusatine@ucla.edu

PREREQUISITES: None. (Medicine, Surgery, Ob/Gyn, Pediatrics, and a Derm elective recommended)

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 10 min 1

DURATION: 3 weeks

2001-2002 ELECTIVES BEGIN WEEKS:
By Arrangement

INTRODUCTION: This clerkship is located in an impoverished area of rural Mexico, 60 miles north of Puerto Vallarta. The clinical experience is divided among an established clinic in Las Varas (pop. 11,000), and an infirmary adjacent to student living quarters which serves the local inhabitants (pop. 200). Students participate in health fairs in nearby villages and perform home visits. There is an emphasis on medical Spanish and cultural issues. The medical experience is best for students with greater Spanish proficiency. Although this is best taken as a fourth-year elective, students may request this elective earlier in their course of study.

STUDENT EXPERIENCES

1. Infectious disease
2. Nutritional problems
3. Diseases of impoverished communities
4. Problems of limited resources
5. Common primary care problems

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40-100
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: up to 400

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>Medical Spanish</td>
<td>Spanish</td>
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<tr>
<td>PM</td>
<td>Clinical Patient Care</td>
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ON CALL SCHEDULE & WEEKEND ACTIVITIES: No call, except for emergencies at the infirmary.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Travel and Housing information is available. Reservations can be made on-line on the Mar de Jade website at: www.mardejade.com.
COURSE CHAIR:  
Antonio A.F. De Salles, M.D., Ph.D.  
PHONE #: (310) 794-1221

SUPPORTING FACULTY:  
Neuro-Surgery/De Salles; Rad-Onco, Selch, Solberg, Wallace.

STUDENT COORDINATOR:  
Sundrina Kofod  
PHONE #: (310) 794-1221

REPORT TO:  
300 UCLA Med Plaza, Rm B-205, 8:00 a.m. first day.

PREREQUISITES:  
Surgery, Medicine

AVAILABLE TO EXTERNS:  
Yes

STUDENTS / PERIOD:  
max 2 min 1

DURATION:  
3 weeks

2001-2002 ELECTIVES BEGIN WEEKS:  
1,5,8,11,14,17,20,27,30,33,36,39,42,45

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).

DESCRIPTION:  
The student participates in the selection of patients under supervision of the neurosurgeon and the radiation oncologist. The imaging studies (MRI, CT, and PET) are discussed in conjunction with the physicist, keeping in mind the radiosurgical planning. Direct contact of the student with the patient's physical examination is available. Experience will be obtained in dealing with brain tumors and cerebral vascular disease. Students will write and give an oral presentation on one of the subtopics of radiosurgery. Students will participate in conferences where decisions regarding tumor/vascular treatment are made.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Primary malignant brain tumors
2. Metastatic brain tumors
3. Arterio-venous malformations
4. Acoustic neuromas
5. Pituitary adenomas
6. Meningiomas
7. Chordomas

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: 10%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Radiologic technologists, radiation therapists, nurses,

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 60-80

TYPICAL WEEKLY SCHEDULE

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<tr>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 A.M. Acquainting with Faculty</td>
<td>7:00 Am Placement of Stereotactic Ring</td>
<td>8:00 Lecture</td>
<td>7:00 Placement of Stereotactic Ring</td>
<td>8:00 Movement Disorder Meeting</td>
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<td>8:30 Imaging Studies</td>
<td>10:00 Follow-up Patients</td>
<td>10:00 Imaging Studies</td>
<td>9:00 Stereotactic/Radiosurgery</td>
<td>9:00 Stereotactic/Radiosurgery</td>
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<td>10:00 Equipment Calibration</td>
<td>11:00 Tumor Conference</td>
<td>10:00 Equipment Calibration</td>
<td>Clinical Conference</td>
<td>Clinical Conference</td>
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<td>11:00 Tumor Conference</td>
<td>12:00 Radiosurgery Planner</td>
<td>4:00 Radiology of Neurosurgical Diseases Clinical Conference</td>
<td>12:00 Radiosurgery Planning</td>
<td>9:30 Student Presentation</td>
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<td>1:00 P.M. Research Topic Assigned</td>
<td>12:00 Radiosurgery Planning</td>
<td>2:00 Radiosurgery</td>
<td>2:00 Radiosurgery</td>
<td>11-? Clinic</td>
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<td>Library Search</td>
<td>4:00 Radiology of Neurosurgical Diseases Clinical Conference</td>
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<tr>
<td>PM</td>
<td>1:00 P.M. Research Topic Assigned</td>
<td>12:00 Radiosurgery Planning</td>
<td>4:00 Radiology of Neurosurgical Diseases Clinical Conference</td>
<td>12:00 Radiosurgery Planning</td>
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<td>2:00 Radiosurgery</td>
<td>4:00 Neurovascular Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  
The course provides experience with patient care and high technology applications in the treatment of brain disease.
COURSE CHAIR: Meika A. Fang, M.D. (310) 268-4657

SUPPORTING FACULTY:

STUDENT COORDINATOR: Cynthia Schlesinger (310) 478-3711

REPORT TO: Meika Fang, M.D., Bldg. 500, Room 2400 @ 10:00 a.m.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2001-2002 ELECTIVES BEGIN WEEKS: 9, 11, 13, 15, 17, 19, 21, 23, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47

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.
10. Medical record keeping (data collection, record keeping, writing consults)

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 will 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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 15
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 45

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 - 9:00 Work Rounds</td>
<td>8:00 - 9:00 Work Rounds</td>
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<td>10:00 - 11:00 End of Life Lecture Series</td>
<td>9:00 - 12:00 Ward Consults</td>
<td>9:00 - 12:00 Home Visits</td>
<td>9:00 - 12:00 Ward Consults</td>
<td>10:00 - 11:00 Palliative Care Conference</td>
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<td>12:00 - 1:00 Medical Lecture Series</td>
<td>12:00 - 1:00 Medical Lecture Series</td>
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<td>2:00 - 3:00 Consult Rounds Ward Consults</td>
<td>2:00 - 3:00 Consult Rounds Ward Consults</td>
<td>2:00 - 3:00 Consult Rounds Team Meeting</td>
<td>3:30 - 4:30 Hospice Consult Team Meeting</td>
<td>Ward Consults</td>
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ON CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: