**Course Chair:** George Vatakencherry, M.D.  
**Phone #:** (323) 783-4631  
**E-mail:**

**Supporting Faculty:**  
Keith Terasaki, M.D., Tina Hardley, M.D., Mark Rayman, M.D., Haisan Pham, M.D.

**Student Coordinator:** Alicia Summerlin  
**Phone #:** (323) 783-4516  
**E-mail:** alicia.r.summerlin@kp.org

**Report to:** Dr. Vatakencherry: 4867 Sunset Blvd. L.A., CA 90027, Level 1 @ 7:30 am

**Prerequisites:** Inpatient Internal Medicine and Surgery

**Available for Externs:** Yes

**Students / Period:** max 2 min 1

**Duration:** 3 weeks

**2007-2008 Rotations Begin Weeks:**  
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

**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**

<table>
<thead>
<tr>
<th>Common Problems/Diseases</th>
<th>Inpatient: 50%</th>
<th>Outpatient: 50%</th>
<th>Consultation: 100%</th>
<th>Primary Care: 0%</th>
<th>Close Contact With:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. End stage renal disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X Full-time Faculty</td>
</tr>
<tr>
<td>2. Hepatic dysfunction / Hepatobiliary disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X Clinical Faculty</td>
</tr>
<tr>
<td>3. Oncology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X Fellows</td>
</tr>
<tr>
<td>4. Aneurysms (aortic)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X Residents</td>
</tr>
<tr>
<td>5. Peripheral vascular disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X Interns</td>
</tr>
<tr>
<td>6. Cerebrovascular disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X Other: Nurses, Technologists</td>
</tr>
</tbody>
</table>

**Approximate # of Patients Evaluated Each Week by Student:** 5

**Total # of Patients Evaluated Each Week by Entire Service:** 20

**Typical Weekly Schedule**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
</table>
| AM   | 7:30 – 8:00 Clinical Rounds  
8:00 – 12:30 Procedures | 7:30 – 8:00 Vascular Conference  
8:00 – 9:00 Hepatobiliary Conference  
9:00 – 10:00 Interventional Conference/Journal Club | 7:30 – 8:00 Clinical Rounds  
8:00 – 12:30 Procedures | 8:00 – 9:00 Interventional Teaching Conference | 7:30 – 8:00 am Clinical Rounds  
8:00 – 12:30 Procedures |
| PM   | 12:30 – 1:30 Noon radiology Conference  
1:30 – 5:00 Procedure/Consults | 10:00 – 12:30 Procedures  
12:30 – 1:30 Noon radiology Conference  
1:30 – 5:00 Procedures/Consults | 12:30 – 1:30 Noon radiology Conference  
1:30 – 5:00 Procedures/Consults | 12:30 – 1:30 Noon radiology Conference  
1:30 – 5:00 Procedures/Consults | 12:30 – 1:30 Noon radiology Conference  
1:30 – 5:00 Procedures/Consults |

**On Call Schedule & Weekend Activities:** None

**Additional Comments and Other Special Requirements:**
COURSE CHAIR: Christopher Loh, M.D.  
PHONE #: (310) 206-4535  
FAX:  
E-MAIL: 

SUPPORTING FACULTY:  
Drs. Stephen Kee, Cheryl Hoffman, Thomas McNamara, Antoinette Gomes, Susie Muir  

STUDENT COORDINATOR: Lara Gold  
PHONE #: (310) 825-5806  
FAX:  
E-MAIL: lgold@mednet.ucla.edu  

REPORT TO: Drs. Stephen Kee or Chris Loh in room BL-423  
CHS @ 7:20 a.m.  

PREREQUISITES: Internal Medicine or Surgery  

AVAILABLE FOR EXTERNS: Yes  

STUDENTS / PERIOD: max 3 min 1  

DURATION: 3 weeks  

2007-2008 ROTATIONS BEGIN WEEKS:  
6, 9, 12, 15, 27, 30, 33, 36, 41, 44  

DESCRIPTION: The student will be expected to be an active participant on the rotation in both clinical care and the performance of procedures. There will be ample opportunity to have a "hands on" experience in the performance of procedures. Students considering or interested in interventional radiology as a career are highly encouraged to choose this elective.  

STUDENT EXPERIENCES  

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 60%</th>
<th>OUTPATIENT: 40%</th>
<th>CONSULTATION: 90%</th>
<th>PRIMARY CARE: 10%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peripheral Vascular Disease</td>
<td>1.</td>
<td>2.</td>
<td>3.</td>
<td>4.</td>
<td>X FULL-TIME FACULTY</td>
</tr>
<tr>
<td>Biliary Interventions</td>
<td>2.</td>
<td>3.</td>
<td>4.</td>
<td>5.</td>
<td>CLINICAL FACULTY</td>
</tr>
<tr>
<td>Dialysis Access Management</td>
<td>3.</td>
<td>4.</td>
<td>5.</td>
<td>6.</td>
<td>X FELLOWS</td>
</tr>
<tr>
<td>Inferior Vena Cava Filters</td>
<td>4.</td>
<td>5.</td>
<td>6.</td>
<td>7.</td>
<td>X RESIDENTS</td>
</tr>
<tr>
<td>Venous Access</td>
<td>5.</td>
<td>6.</td>
<td>7.</td>
<td>8.</td>
<td>INTERNS</td>
</tr>
<tr>
<td>Tumor Embolization</td>
<td>6.</td>
<td>7.</td>
<td>8.</td>
<td>9.</td>
<td>X OTHER: Nurses, Technologists</td>
</tr>
<tr>
<td>Transjugular Intrahepatic Portal Shunts</td>
<td>7.</td>
<td>8.</td>
<td>9.</td>
<td>10.</td>
<td></td>
</tr>
<tr>
<td>Vascular Malformations</td>
<td>8.</td>
<td>9.</td>
<td>10.</td>
<td>11.</td>
<td></td>
</tr>
</tbody>
</table>

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25  

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 140  

TYPICAL WEEKLY SCHEDULE  

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>7:30 – 8:30 Didactic Case Review 8:30-12:00 Angio Lab</td>
<td>8:00-12:00 Angio Lab</td>
<td>7:30 – 8:00 Clinical Rounds 8:00 – 12:30 Procedures</td>
<td>8:00 — 9:00 Interventional Teaching Conference</td>
<td>7:30 – 8:00 am Clinical Rounds 8:00 – 12:30 Procedures</td>
</tr>
<tr>
<td>PM</td>
<td>12:30 – 5:00 Angio Lab</td>
<td>12:30 – 5:00 Angio Lab</td>
<td>12:30-1:00 Noon Conference 1:00 – 5:00 Angio Lab</td>
<td>12:30-2:00 Angio Lab 2:15-3:15 Lecture 3:30-5:00 Angio Lab 6:30-8:00 Angio Club (Quarterly)</td>
<td>12:30-5:00 Angio Lab</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None  

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Because this elective requires hands-on participation with interventional radiology procedures, students should exercise the usual precautions regarding exposure to ionizing radiation during pregnancy.
RA220.01  EMERGENCY AND PRIMARY CARE RADIOLOGY

Advanced Clinical Clerkship  Location: OVH  2007-2008  Revised: 1/8/07

COURSE CHAIR: Karl Falkenbach  (818) 364-4097
       Anh Au  (818) 364-4803

COURSE OBJECTIVES (in order of importance)
1. Learn about the different imaging modalities used in Radiology.
2. Indications and contraindications for x-ray examinations.
3. Learn how the different examinations are performed.
4. Learn x-ray signs so that the full meaning of the x-ray report will be fully appreciated.

SUPPORTING FACULTY: Drs. S. Rooholamini, M. Small, G. Hansen, and A. Au

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

STUDENT COORDINATOR: Lillie Francisco  (818) 364-4566
FAX:  E-MAIL: lfrancisco@ladhs.org

REPORT TO: Lillie Francisco, Room 2D131, Olive View Medical Center, 9:00 a.m.

PREREQUISITES: Medicine and Surgery

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2007-2008 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: Assignments will be made to various sections of the Radiology Department to observe how examinations are performed (fluoroscopy, ultrasound, nuclear medicine, computed tomography, angiography, interventional procedures). The students will observe and participate in intra and extra departmental conferences. Individual tutorials will be conducted for the students in the different sections of the department.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Trauma
2. Alcoholism
3. Drug abuse
4. Tuberculosis
5. Parasites
6. Surgical emergencies
7. Pediatric emergencies
8. Medical emergencies

INPATIENT:
OUTPATIENT:
CONSULTATION:
PRIMARY CARE:

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

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

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 2,250

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Radiology/Internal Medicine/Pediatrics/ Surgical Rounds</td>
<td>Film Reading, E.R.</td>
<td>Film Reading, E.R.</td>
<td>Film Reading, E.R.</td>
<td>Film Reading, E.R.</td>
</tr>
<tr>
<td></td>
<td>Film Reading, E.R.</td>
<td>Medicine Noon Conference</td>
<td>Medicine Noon Conference</td>
<td>Medicine Noon Conference</td>
<td>Medicine Noon Conference</td>
</tr>
<tr>
<td>PM</td>
<td>Radiology Noon Conference</td>
<td>Radiology Noon Conference</td>
<td>Radiology Noon Conference</td>
<td>Radiology Noon Conference</td>
<td>12:00 Morbid &amp; Mortality Conference (2nd Friday of each mo.)</td>
</tr>
<tr>
<td></td>
<td>Film Reading/ Teaching File</td>
<td>Film Reading/ Teaching File</td>
<td>Film Reading/ Teaching File</td>
<td>Film Reading/ Teaching File</td>
<td>Radiology Noon Conf. Film Reading/ Teaching File</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Assignments will be made to review the American College of Radiology Learning Laboratory.
RADIATION ONCOLOGY
Advanced Clinical Clerkship
Location: CHS
2007-2008
Revised: 9/11/07

COURSE CHAIR:
Michael T. Selch, M.D.
PHONE #: (310) 825-4966
E-MAIL: 

SUPPORTING FACULTY:
Radiation Oncology Faculty

STUDENT COORDINATOR:
Emil Hightower
PHONE #: (310) 267-5575
E-MAIL: krose@mednet.ucla.edu

REPORT TO: Department of Radiation Oncology, 200 Medical Plaza, Suite B265, 8:00 a.m.

STUDENT EXPERIENCES
CLOSE CONTACT WITH:
1. Full-time faculty
2. Clinical faculty
3. Fellows
4. Residents
5. Interns
6. Other: Nurse, social worker, physicists, technologists, dosimetrists

COMMON PROBLEMS/DISEASES
1. Breast cancer
2. Lung cancer
3. Brain tumors
4. Head & neck cancer
5. Soft tissue sarcomas
6. Prostate cancer
7. Lymphoma/leukemia
8. Metastases

INPATIENT: 10%
OUTPATIENT: 90%
CONSULTATION: 100%
PRIMARY CARE: 0%

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 16

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 – 9:00 New Patient Conf.</td>
<td>8:00 – 12:00 Examination &amp; Eval. of Patients Under Treatment</td>
<td>8:00 – 9:00 New Patient Conf.</td>
<td>8:00 – 9:00 New Patient Conf.</td>
<td>7:00 – 8:30 Physics/Radiobiology Lecture</td>
</tr>
<tr>
<td></td>
<td>9:00 – 12:00 New Patient Consultation and Follow-Up Clinic</td>
<td>9:00 – 11:00 New Patient Consultation and Follow-Up Clinic</td>
<td>9:00 – 12:00 New Patient Consultation and Follow-Up Clinic</td>
<td>9:00 – 12:00 New Patient Consultation and Follow-Up Clinic</td>
<td>9:00 – 12:00 New Patient Consultation and Follow-Up Clinic</td>
</tr>
<tr>
<td></td>
<td>1:00 – 4:00 Examination &amp; Eval. of Patients Under Treatment</td>
<td>1:00 – 2:30 Joint Conference Head &amp; Neck Oncology</td>
<td>12:00 – 1:30: Chart Rd.</td>
<td>1:00 – 4:00: New Patient Consultation and Follow-Up Clinic</td>
<td>12:00 Journal Club</td>
</tr>
</tbody>
</table>

PM | 12:00 – 1:00 Gyn Conference | 2:00 – 4:00 New Patient Consultation and Follow-Up Clinic | 4:30 – Musculoskeletal Conference |
|    | 1:00 – 4:00 Gyn Conference | 1:00 – 2:30 Joint Conference Head & Neck Oncology | 4:30 – Musculoskeletal Conference |
|    | 1:30 – 2:30 Thoracic Tumor Board |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Although the clerkship is for two weeks, four week electives will be considered.

PREREQUISITES: None

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2007-2008 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: Students will evaluate both new and follow-up patients with resident/faculty supervision. Participation in specialized programs (i.e., radiosurgery, brachytherapy) is available to interested students. A full range of conferences, including multiple dedicated tumor boards, is also available to students.

STUDENT COORDINATOR:
Emil Hightower
PHONE #: (310) 267-5575
E-MAIL: krose@mednet.ucla.edu

SUPPORTING FACULTY:
Radiation Oncology Faculty

COURSE CHAIR:
Michael T. Selch, M.D.
PHONE #: (310) 825-4966
E-MAIL: 

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the natural history of cancer.
2. Treatment planning for oncology patients, stressing radiation therapy.
3. Diagnostic evaluation of cancer patients.
5. Experience with interstitial and intracavitary radiation.
6. Dosimetric procedures necessary in planning radiation therapy.
7. An understanding of curative versus palliative planning in cancer patient management.
8. Exposure to advanced radiotherapy technologies.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Although the clerkship is for two weeks, four week electives will be considered.

344
STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Carcinoma
2. Lymphoma
3. Carcinoma of rectum
4. Prostate carcinoma
5. Sarcoma
6. Childhood cancer

CLOSE CONTACT WITH:
- 100% FULL-TIME FACULTY
- 100% CLINICAL FACULTY
- 0% FELLOWS
- 0% RESIDENTS
- 0% INTERNS
- 6% OTHER:

APPORXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 200

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Combined Head &amp; Neck Cancer Follow-up Clinic&lt;br&gt;Treatment, Consults, Simulation</td>
<td>Cancer Comm. Dept. Conference&lt;br&gt;Radiosurgery Clinic&lt;br&gt;Pediatric Clinic&lt;br&gt;Consult, Treatment, Simulation</td>
<td>Consult, Simulation&lt;br&gt;Treatment, Brachytherapy&lt;br&gt;Radiosurgery</td>
<td>Dept. Conference&lt;br&gt;Consult, Treatment, Simulation&lt;br&gt;Rectal Clinic, Follow-ups</td>
<td>Gyn-Oncology RT Follow-up Clinic&lt;br&gt;Head/Neck Clinic, Consults&lt;br&gt;Consult Simulation, Treatment</td>
</tr>
<tr>
<td></td>
<td>Head &amp; Neck Cancer Clinic Consultations&lt;br&gt;Treatment, Consults, Simulation</td>
<td>Combined Gyn-Oncology/RT Clinic&lt;br&gt;Treatment, Consults, Simulation</td>
<td>Breast Cancer Clinic&lt;br&gt;Treatment, Consults, Simulation&lt;br&gt;Radiosurgery</td>
<td>Combined Rectal Clinic, Consults&lt;br&gt;Brachytherapy&lt;br&gt;Treatment, Consults, Simulation</td>
<td>Consult, Treatment, Simulation&lt;br&gt;Physics, Biology, Statistics Lectures</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
RA250.02  DIAGNOSTIC RADIOLOGY

Advanced Clinical Clerkship  Location: OVH  2007-2008  Revised: 1/9/07

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Karl Falkenbach (818) 364-4097  1. To correlate radiology to medical evaluations...
Anh Au (818) 364-4803  2. To see and to participate in the diagnosis of current hospital

SUPPORTING FACULTY:  patients.
Drs. A. Au, K. Falkenbach, G. Hansen, F. Kioumehr, M. Small,
and S. Roohohamini  3. To relate radiological modalities, such as nuclear medicine,

STUDENT COORDINATOR:  ultrasound, roentgen diagnosis, and contrast studies to the
PHONE #:  altered or pathological, anatomical, psychological, or hormonal
Lillie Francisco (818) 364-4566  states of the patient

FAX:  4. To improve medical judgment, analysis, and synthesis.
E-MAIL: lfrancisco@ladhs.org

REPORT TO: Lillie Francisco, Room 2D131, Olive View Medical Center, 9:00 a.m.

PREREQUISITES: Basic Required Clerkships

AVAILABLE FOR EXTERNALS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2007-2008 ROTATIONS BEGIN WEEKS:  By Arrangement

DESCRIPTION: Learning in this hospital-based course will be augmented by use of autonomous learning files, case work-ups, presentations and daily tutorials.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT:  40%  CLOSE CONTACT WITH:
1. Acute & chronic pulmonary disease  OUTPATIENT:  60%  X  FULL-TIME FACULTY
2. Gastrointestinal tract abnormalities  CONSULTATION:  100%  X  CLINICAL FACULTY
3. Cancer  PRIMARY CARE:  0%  X  FELLOWS
4. Tuberculosis  OTHER:
5. Hepato biliary disease  X  RESIDENTS
6. Cardiovascular disorders  OTHER:
7. Neuroradiology
8. Urinary disorders

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

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 2,250

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>Radiology Noon Conference Film Interpretation</td>
<td>Radiology Noon Conference Nuclear Medicine Film Interpretation</td>
<td>Radiology Noon Conference Chest/GI Conferences Nuclear Medicine</td>
<td>Radiology Noon Conference Nuclear Medicine Tumor Board</td>
<td>Radiology Noon Conference Film Interpretation 12:00 Morbid and Mortality Conf. (2nd Friday of every month)</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
RA250.03  RADIOLOGY OVERVIEW

Advanced Clinical Clerkship  Location: HARBOR  2007-2008
Revised: 12/6/06

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Adam Sommerstein, M.D  (310) 222-2851
FAX:  1. The student will develop an approach to reading routine plain
SUPPORTING FACULTY:  films, and will be able to recognize common and important
STUDENT COORDINATOR:  PHONE #:  FAX:  E-MAIL:
Mrs. Linda Tesso  (310) 222-2851  FAX:
REPORT TO: Harbor-UCLA Med Ctr Main Hospital, 2nd Floor West, Room 34. If Monday is a holiday, call (310) 222-2847

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

AVAILABLE FOR EXTERNs: Yes

STUDENTS / PERIOD: max 8 min 1

DURATION: 3 weeks

2007-2008 ROTATIONS BEGIN WEEKS: 10, 14, 18, 31

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

STUDENT EXPERIENCES

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

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

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

TYPICAL WEEKLY SCHEDULE

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: On the last day of the elective students are required to turn in a written description of exactly what they did and what they learned while on the elective.
RA250.07  RADIOLOGY IN PRACTICE

Advanced Clinical Clerkship                Location: HARBOR       2007-2008
Revised: 12/6/06

COURSE CHAIR:                        PHONE #:                COURSE OBJECTIVES (in order of importance)
Adam Sommerstein, M.D               (310) 222-2851         1. The student will refine his/her skills in film interpretation of
FAX:                              of common pathologic processes.

SUPPORTING FACULTY:
Drs. Becker, Diamant, Eckel, Fischer, Khalkhali, Lee, Me-
hringer, Milikotic, Phillips, Renislo, Schimmel, Sommerstein,
Tanoura, Varma, VasinRapee, Walot, and Zimmerman, and
Garjian

STUDENT COORDINATOR:                PHONE #:                CLOSE CONTACT WITH:
Mrs. Linda Tesso                     (310) 222-2851         X FULL-TIME FACULTY
FAX:                              E-MAIL: ltesso@ladhs.org

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

PREREQUISITES: Pediatrics, Ambulatory & Inpatient Medi-
cine, Surgery, and Ob/Gyn

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 8 min 1

DURATION: 3 weeks

2007-2008 ROTATIONS BEGIN WEEKS:
By Arrangement

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

STUDENT EXPERIENCES

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

INPATIENT: 40%  CLOSE CONTACT WITH:
OUTPATIENT: 20%  X FULL-TIME FACULTY
ER 40%  X CLINICAL FACULTY
CONSULTATION:  N/A  X FELLOWS
PRIMARY CARE:  N/A  X RESIDENTS

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

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>PM</td>
<td>Reading Session: ER, US, CT Body, Nuclear Medicine, Neuroradiology – MRI Procedure: Angio/Interventional Teaching File</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No call.

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

Advanced Clinical Clerkship  
Location: CHS  
2007-2008  
Revised: 12/19/06

COURSE CHAIR:  
Dr. Theodore Hall  
(310) 825-7019  
Dr. Michael Zucker  
(310) 206-7861  
E-MAIL: mzucker@mednet.ucla.edu

SUPPORTING FACULTY:  
Drs. Poonam Batra, M. Ines Boechat, Kathleen Brown, Whitney Pope, Noniko Salamon, Robert Suh

STUDENT COORDINATOR:  
Lara Gold  
(310) 825-5806  
FAX:  
E-MAIL: lgold@mednet.ucla.edu

REPORT TO: Radiology Dept. CHS B2-300 1pm. First day of elective (Call L. Gold for instructions of first day is a holiday).

PREREQUISITES: Third-year clerkship in Radiology or its equivalent.

AVAILABLE FOR EXTERNS: No

STUDENTS / PERIOD: max 14 min 1

DURATION: 3 weeks

2007-2008 ROTATIONS BEGIN WEEKS:
9, 12, 15, 21, 27, 31, 34

DESCRIPTION: Core curriculum: 16 hours, Quiz cases to re-enforce core lectures: 8 hours. Subspecialty lectures: Pediatric, Neuroradiology, Thoracic Imaging, and GI: 4 hours, Radiology resident presentation: 6 hours. "Let’s Make a Lecture": joint student/faculty activity: 6 hours,

STUDENT EXPERIENCES

CLOSE CONTACT WITH:

1. Full-time faculty
2. Clinical faculty
3. Fellows
4. Residents
5. Interns
6. Other:

COMMON PROBLEMS/DISEASES

1. Neuroradiologic
2. Genitourinary
3. Musculoskeletal
4. Pediatric
5. ER
6. Thoracic
7. Gastrointestinal
8. OB/GYN
9. Ophthalmology
10. Head and Neck

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

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>Off</td>
<td>9:00 – 11:30. Lecture / Activities 73-167 BCHS</td>
<td>9:00 – 11:30. Lecture / Activities 73-167 BCHS</td>
<td>9:00 – 11:30. Lecture / Activities 73-167 BCHS</td>
<td>Independent Study</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 2:00 Noon Orientation B2-161 CHS</td>
<td>12:00 – 1:00 pm Noon Conference B2-161 CHS</td>
<td>12:00 – 1:00 pm Noon Conference B2-161 CHS</td>
<td>12:00 – 1:00 pm Noon Conference B2-161 CHS</td>
<td>Independent Study</td>
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<td>1st Monday of rotation only B2-300 CHS</td>
<td>1:30 – 3:30 pm Lecture / Activities 73-167 BCHS</td>
<td>1:30 – 3:30 pm Lecture / Activities 73-167 BCHS</td>
<td>1:30 – 3:30 pm Lecture / Activities 73-167 BCHS</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Required Attendance: Departmental Noon Case Conferences (Dowdy Classroom) 12:00 – 1:00 p.m., Monday –Thursday. ***(Didactic lectures and case conferences on alternate Thursdays)
INTerventional Neuroradiology

Advanced Clinical Clerkship
Location: CHS
2007-2008
Revised: 11/27/06

COURSE CHAIR: Reza Jahan, M.D.
PHONE #: (310) 206-1527
FAX: 
E-MAIL: 

SUPPORTING FACULTY:
Drs. G. Duckwiler and F. Vinuela

STUDENT COORDINATOR: Lara Gold
PHONE #: (310) 825-5806
FAX: 
E-MAIL: lgold@mednet.ucla.edu

REPORT TO: Dr. Reza Jahan, B2-188 CHS AT 9:00 a.m.

PREREQUISITES: Radiology or equivalent. Recommended: Neurology and/or Surgery

AVAILABLE FOR EXternS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks (2 by arrangement)

2007-2008 ROTATIONS BEGIN WEEKS:
6, 9, 12, 15, 27, 30, 33, 36, 41, 44

DESCRIPTION: This is an advanced clerkship in Interventional Neuroradiology. Knowledge of Neuroanatomy is important. Students are expected to be involved in: Patient consultation, procedures, rounds, and educational conferences. Student will work side by side with an Interventional fellow and faculty.

**COMMON PROBLEMS/DISEASES**

<table>
<thead>
<tr>
<th>#</th>
<th>Condition</th>
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<tbody>
<tr>
<td>1</td>
<td>Arteriovenous malformations</td>
</tr>
<tr>
<td>2</td>
<td>Aneurysms</td>
</tr>
<tr>
<td>3</td>
<td>Arteriovenous fistula</td>
</tr>
<tr>
<td>4</td>
<td>Stroke</td>
</tr>
<tr>
<td>5</td>
<td>Tumors</td>
</tr>
</tbody>
</table>

**INPATIENT:** 80%

**OUTPATIENT:** 20%

**CONSULTATION:** 100%

**PRIMARY CARE:** 0%

**CLOSE CONTACT WITH:**
- X FULL-TIME FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Nurses & Radiologic Technologists

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

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

**TYPICAL WEEKLY SCHEDULE**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:00 – 8:00 Morning Lecture</td>
<td>7:00 – 8:00 Morning Lecture</td>
<td>7:00 – 8:00 Morning Lecture</td>
<td>7:00 – 8:00 Morning Lecture</td>
<td>7:00 – 8:00 Morning Lecture</td>
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<td></td>
<td>8:00 – 9:00 Rounds</td>
<td>8:00 – 9:00 Rounds</td>
<td>8:00 – 9:00 Rounds</td>
<td>8:00 – 9:00 Rounds</td>
<td>8:00 – 9:00 Rounds</td>
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<td></td>
<td>9:00 – 12:00 Procedures</td>
<td>9:00 – 12:00 Procedures</td>
<td>9:00 – 12:00 Procedures</td>
<td>9:00 – 12:00 Procedures</td>
<td>9:00 – 12:00 Procedures</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
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<tr>
<td></td>
<td>1:00 – 5:00 Procedure/Consult</td>
<td>1:00 – 5:00 Procedure/Consult</td>
<td>1:00 – 5:00 Procedure/Consult</td>
<td>1:00 – 5:00 Procedure/Consult</td>
<td>1:00 – 5:00 Procedure/Consult</td>
</tr>
</tbody>
</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Call taken for all Interventional procedures (2 – 4 after hours cases/week)

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Attendance is required for Morning Lecture and Noon Conference if not in consultation or procedure. Since ionizing radiation is used, this course is not recommended during pregnancy.
COURSE CHAIR: Johannes Czernin, M.D.  
PHONE #: (310) 206-3226  
FAX:  
E-MAIL:  
SUPPORTING FACULTY:  
Daniel H. Silverman, M.D., Ph.D., Christiaan Schiepers, M.D.,  
Johannes Czernin, M.D., Heinrich Schelbert, M.D., Sanjiv S.  
Gambhir, M.D., Ph.D.  
STUDENT COORDINATOR: Soosan Seyedroodbari  
PHONE #: (310) 794-1596  
FAX:  
E-MAIL: sroodbari@mednet.ucla.edu  
REPORT TO: Nuclear Medicine Clinic, AR-155 CHS  
PREREQUISITES:  
AVAILABLE FOR EXTERNS: Yes  
STUDENTS / PERIOD: max 1 min 1  
DURATION: 3 weeks  
2007-2008 ROTATIONS BEGIN WEEKS: 2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48  
DESCRIPTION: This elective is intended to provide the student with a more in-depth exposure to nuclear medicine than acquired during the required diagnostic radiology clerkship. The student will work with residents and faculty members performing and interpreting diagnostic studies and will also have the opportunity to observe or participate in ongoing clinical and basic science research projects.  
STUDENT EXPERIENCES  
COMMON PROBLEMS/DISEASES  
1. Cardiovascular  
2. Neurological  
3. Orthopedic  
4. Endocrine  
5. Gastroenterology  
6. Organ transplant  
7. Infectious disease  
8. Oncology  
INPATIENT: 50%  
OUTPATIENT: 50%  
CONSULTATION: 100%  
PRIMARY CARE: 0%  
CLOSE CONTACT WITH:  
X FULL-TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X OTHER: Basic scientists and graduate students  
APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: VAR  
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 150  
TYPICAL WEEKLY SCHEDULE  
ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None  
ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective allows the student to gain experience in both clinical and research applications of nuclear medicine, including positron emission tomography (PET), SPECT, and other imaging techniques and their relationship to primary care areas. * Throughout normal hours of operation, students are involved in observing and monitoring patient studies. Students are encouraged to work on specialized projects in conjunction with faculty members.
ME282.01  NUCLEAR MEDICINE (This elective is cross-listed under Medicine)

Advanced Clinical Clerkship  Location: WVA  2007-2008
Revised: 11/28/06

COURSE CHAIR:   
Marvin B. Cohen, M.D.  
PHONE #:  (310) 268-3583  
FAX:  E-MAIL:

SUPPORTING FACULTY:  
R. Lake, M.D., L. Yamada, Pharm.D., M. Mandelkern, M.D., Ph.D.

STUDENT COORDINATOR:   
Marvin B. Cohen, M.D.  
PHONE #:  (310) 268-3583  
FAX:  E-MAIL: marvin.cohen@med.va.gov

REPORT TO:  West LA, Bldg. 500, Basement Room 0061

STUDENT EXPERIENCES
CLOSE CONTACT WITH:
X  FULL-TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
X  INTERNS
X  OTHER:  Physicist, Radiopharmacist, Radiation Safety Officer, Chief Technologist

STUDENT OBJECTIVES (in order of importance)
1. Knowledge of the component parts and basic principles of Nuclear Medicine with emphasis on diagnostic clinical applications by planar, SPECT and PET imaging.
2. Clinical interpretation of imaging studies including brain, thyroid, lung, heart, liver, gallbladder, spleen, kidney, clot localization, abscess, and tumor detection and staging.
4. Basic physics of radiation, scintillation counting, and imaging plus recent developments in instrumentation.
5. Principles of radioimmunoassay including sensitivity, specificity, dose response curve and clinical applications.
7. Principles of computers, programming, and clinical applications with emphasis on cardiovascular Nuclear Medicine.

COMMON PROBLEMS/DISEASES
1. Tumor detection
2. Coronary Artery Disease
3. Pulmonary Emboli
4. Thyroid Disease
5. Ventricular - Function
6. Osteoporosis
7. Abscess Detection
8. Osteomyelitis

INPATIENT:  22%  OUTPATIENT:  78%  CONSULTATION:  100%  PRIMARY CARE:  0%

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  45
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  110

TYPICAL WEEKLY SCHEDULE

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Clerkship includes multiple special lectures to give the student a comprehensive overview of Nuclear Medicine. The third week is spent in the PET facility.