EMERGENCY MEDICINE AND CLINICAL STANDARDS

COURSE CHAIR: Larry J. Baraff, M.D.
PHONE #: (310) 794-0580
E-MAIL:

SUPPORTING FACULTY: David L. Schriger, M.D., M.P.H., William R. Mower, M.D., Ph.D., Michael Shabot, M.D.

STUDENT COORDINATOR: Mickey Murano
PHONE #: (310) 794-0586
E-MAIL: mmurano@mednet.ucla.edu
REPORT TO: Mickie Murano 924 Westwood Blvd., Suite 330

PREREQUISITES: None

AVAILABLE FOR EXterns: No
STUDENTS / PERIOD: max 2 min 1
DURATION: 3 weeks

2008-2009 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: The UCLA Emergency Medicine faculty is developing outcome and cost-based standards for ambulatory care derived from literature review of specific outcome measures, meta-analysis, and expert panel review. The standards are to be used in a micro-computer-based expert charting system.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Febrile children
2. Recurrent seizures
3. Headaches
4. Back pain
5. Localized injuries

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: 0%
PRIMARY CARE: 100%
CLOSE CONTACT WITH:
X FULL-TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
INTERNS
OTHER:

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 850

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>Morning Rounds</td>
<td>UCLA EMC</td>
<td>Library Research Programming</td>
<td>UCLA EMC</td>
<td>Trauma Conference Library Research Programming</td>
</tr>
<tr>
<td></td>
<td>UCLA EMC</td>
<td>M &amp; M Conference</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>UCLA EMC</td>
<td>Meet w/ Course Chair Library Research Programming</td>
<td>UCLA EMC</td>
<td>UCLA EMC</td>
<td>Library Research Programming</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>UCLA EMC</td>
<td>Meet w/ Course Chair</td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: We seek fourth year medical students with an interest in emergency medicine, health services research, or the applications of computers in medicine to help us with this extensive ongoing project. Experience with computers is not necessary.
COURSE CHAIR:  Robert A. Jenders, M.D., M.S.  
PHONE #:  (310) 423-2105  
E-MAIL:  

SUPPORTING FACULTY:  
Ray Duncan, M.D., Jerome Wang, M.D., Charles Wang, M.D., Ph.D.  

STUDENT COORDINATOR:  
Judy Jacobs  
PHONE #:  (310) 423-4658  
FAX:  (310) 423-5200  
E-MAIL: judith.jacobs@cshs.org  

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.  

PREREQUISITES: 3rd year Pediatric and Medicine Clerkships  
(also see additional comments)  

AVAILABLE FOR EXTERNS: Yes  

STUDENTS / PERIOD: max 1 min 1  

DURATION: 3 weeks  

2008-2009 ROTATIONS BEGIN WEEKS:  
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48  

DESCRIPTION: Students will spend 25% time in didactic education, focusing on directed readings from a textbook (Shortliffe EH, Cimino JJ eds. Biomedical Informatics: Computer Applications in Health Care and Biomedicine, 3rd ed. Springer, 2006) and assigned papers. The student will review this material with a faculty member to learn the breadth of biomedical informatics. The remainder of the elective time will be spent in the clinical practice of informatics, engaging in project-based work in which the student can apply the principles learned didactically. This will involve independent work and meetings with a faculty advisor and technical staff members to review progress and discuss challenges. No background in computer science or programming is assumed, and projects are customized for the student’s interests and background. The student will spend one afternoon a week in the outpatient clinic with a faculty member in order to learn how biomedical informatics is applied in medical practice.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. N/A

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

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

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>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>9:00 – 10:30 Independent Reading</td>
<td>Project Work</td>
<td>9:00 – 10:30 Independent Reading</td>
<td>9:00 – 10:30 Project Team Meeting</td>
<td>8:30 – 9:30 Grand Rounds</td>
</tr>
<tr>
<td></td>
<td>10:30 – 12:00 Project Work</td>
<td></td>
<td>10:30 – 12:00 Project Work</td>
<td>10:30 – 12:00 Project Work</td>
<td>9:30 – 12:00 Project Work</td>
</tr>
<tr>
<td>PM</td>
<td>Project Work</td>
<td></td>
<td></td>
<td>Project Work</td>
<td>1:00 – 2:30 Didactic Review</td>
</tr>
<tr>
<td></td>
<td>1:00 – 5:00 Clinic</td>
<td></td>
<td></td>
<td></td>
<td>2:30 – 5:00 Project Work</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: While many students will choose to implement a project that involves software development, programming experience is not required.