**STUDENT EXPERIENCES**

CLOSE CONTACT WITH:

- 0% FULL-TIME FACULTY
- 100% CLINICAL FACULTY
- 0% FELLOWS
- 100% RESIDENTS
- 0% INTERNS
- OTHER:

**COMMON PROBLEMS/DISEASES**

1. Febrile children
2. Recurrent seizures
3. Headaches
4. Back pain
5. Localized injuries

**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>
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<tbody>
<tr>
<td>AM</td>
<td>Morning Rounds, UCLA EMC</td>
<td>M &amp; M Conference</td>
<td>Library Research Programming</td>
<td>UCLA EMC</td>
<td>Trauma Conference, Library Research Programming</td>
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<td>PM</td>
<td>UCLA EMC, Meet w/ Course Chair, Library Research Programming</td>
<td>UCLA EMC, Library Research Programming</td>
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<td>UCLA EMC, Meet w/ Course Chair</td>
<td>Library Research Programming</td>
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**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.  
(310) 423-2105  
E-MAIL: Jenders@ucla.edu

SUPPORTING FACULTY:  
Peggy Miles, M.D., Jerome Wang, M.D., Charles Wang, M.D., Ph.D.

STUDENT COORDINATOR:  
Judy Jacobs  
(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 EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2009-2010 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

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

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

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

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

TYPICAL WEEKLY SCHEDULE

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<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>
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<td>10:30 – 12:00 Project Work</td>
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<td>10:30 – 12:00 Project Work</td>
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<td>9:30 – 12:00 Project Work</td>
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<td>1:00 – 2:30 Didactic Review</td>
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<td>2:30 – 5:00 Project Work</td>
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<td>1:00 – 5:00 Clinic</td>
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<td>1:00 – 2:30 Didactic Review</td>
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<td>2:30 – 5:00 Project Work</td>
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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.