OP250.01  OPHTHALMOLOGY

Advanced Clinical Clerkship  Location: CHS  2008-2009
REVISED: 12/6/07

COURSE CHAIR:
Drs. S. Bhat and A. Kreiger  PHONE #: (310) 825-9543 or 5477
E-MAIL:

SUPPORTING FACULTY:
Jules Stein Eye Institute Department of Ophthalmology Faculty

STUDENT COORDINATOR:
Debbie Sato  PHONE #: (310) 825-4617
E-MAIL: sato@jsei.ucla.edu

REPORT TO: Room 3-223, Jules Stein Eye Institute, 8:00 a.m.
first day of course.

PREREQUISITES: Some prior exposure to Ophthalmology teaching

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 4 min 3

DURATION: 3 weeks

2008-2009 ROTATIONS BEGIN WEEKS: 11 only

DESCRIPTION: Clinical Ophthalmology involves conferences, seminars, and outpatient clinical rotations supplemented by lectures, selected readings, and discussion with individual Ophthalmology faculty members, fellows, and residents. For 4 to 6 hours each week, students and participating staff will meet for an informal discussion of ophthalmic basic sciences including: anatomy, biochemistry, physiology, genetics and molecular biology, immunology, and microbiology.

STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT:</th>
<th>OUTPATIENT:</th>
<th>CONSULTATION:</th>
<th>PRIMARY CARE:</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Cornea-External ocular</td>
<td>10%</td>
<td>90%</td>
<td>40%</td>
<td>60%</td>
<td>X FULL-TIME FACULTY</td>
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<tr>
<td>2. Glaucoma</td>
<td></td>
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<td>X CLINICAL FACULTY</td>
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<td>3. Strabismus</td>
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<td>X FELLOWS</td>
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<td>4. Cataract</td>
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<td>X RESIDENTS</td>
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<td>5. Retinal-vascular diseases</td>
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<td>INTERNS</td>
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<td>6. Neurological diseases</td>
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<td>OTHER:</td>
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<td>7. Diabetes</td>
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<td>8. Oculo-plastics</td>
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</table>

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 375

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 12:00 3 Lectures</td>
<td>8:30 – 12:00 2–3 Lectures</td>
<td>8:00 – 12:00 Clinical Faculty Offices</td>
<td>8:00 – 12:00 Operating Room Observe Eye Surgery</td>
<td>7:30 – 8:30 Retina Rounds</td>
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<td></td>
<td>JSEI University Ophthalmology Associates (UOA)</td>
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<td>12pm Wkly Glaucoma Conf.</td>
<td>1:00 – 5:00 Operating Room—Observe Eye Surgery</td>
<td>1:00 – 5:00 Outpatient Offices</td>
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<tr>
<td>PM</td>
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<td>1:00 – 5:00 Outpatient Offices 5:30 – 7:00 Fluorescein Angiography Conf. (1st Tues. of month)</td>
<td>2:45 - 6:15: Basic Science Course &amp; Grand Rds 7:00 – 9:00 Basic Science Lecture for First-Year Residents</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: For further details about this elective please contact Debbie Sato at the number listed above.
Advanced Clinical Clerkship

OPHTHALMOLOGY

Location: HARBOR

2008-2009
Revised: 12/6/07

COURSE CHAIR:
Sherwin J. Isenberg, M.D.
JoAnn Giaconi, M.D. – Co-Chair

PHONE #: (310) 222-2731

E-MAIL:

SUPPORTING FACULTY:
Richard Hoff, M.D. and JoAnn Giaconi, M.D.

COURSE OBJECTIVES (in order of importance)
1. More advanced knowledge of common ophthalmic diseases.
2. Improve skills in ophthalmic history and examination.
3. Participate in consultations to see relation of the eye to systemic diseases.
4. Specifically, learn use of slit lamp biomicroscope and indirect ophthalmoscope.
5. Observe surgical procedures.
6. Gain enough skill to primarily care for selected outpatients by the 3rd or the 4th week.
7. Participate in teaching conferences.

STUDENT EXPERIENCES

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

STUDENT COORDINATOR:
Stephanie Steele

PHONE #: (310) 222-2731

E-MAIL: ssteele128@hotmail.com

REPORT TO: Dr. Isenberg, 2nd Floor, Conference Room
2G12 at 8:00 a.m.

PREREQUISITES: Medicine; Ophthalmology is strongly recommended

AVAILABLE FOR EXTERNALS: 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, 42, 45, 48

DESCRIPTION: Students will, at their own pace, take ophthalmic histories, examine patients, and suggest diagnosis and management. They will observe surgery. Lectures and other instructions will be provided. This is a "hands on" rotation in that students will be part of the eye clinic team.

COMMON PROBLEMS/DISEASES

1. Red eye
2. Strabismus
3. Glaucoma
4. Cataracts
5. Retinal disorders
6. Post-operative patients
7. Trauma

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:
25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:
275

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>PM</td>
<td>Laser Treatments General Clinic Journal Club (Monthly) New Pt. Peds Clinic New Pt. Peds Clinic (Return)</td>
<td>Pediatric Ophthalmology Clinic Laser Treatments Ext. Dis. Clinic General Clinic</td>
<td>Attend Teaching Conferences and Rounds At The Jules Stein Eye Institute Optometry Clinic</td>
<td>Laser Treatments General Clinic General Clinic Laser Treatments</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Observation of trauma surgery is optional.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
OP250.04  OPTHALMOLOGY

Advanced Clinical Clerkship  Location: OVH  2008-2009
Revised: 12/13/07

COURSE CHAIR:  PHONE #:  (818) 364-3194
Uday Devgan, M.D.  E-MAIL: devgan@ucla.edu

SUPPORTING FACULTY:
Andrew Chang, M.D., Bruce Becker, M.D.

STUDENT COORDINATOR:  PHONE #:  (818) 364-3198
Lorena Ponce  E-MAIL: lponce@ladhs.org

REPORT TO:  Olive View Medical Center, Dept. of Surgery,
14445 Olive View Dr., Room 2B156, Sylmar, CA  91342.

PREREQUISITES: Medicine, Surgery, Ophthalmology (3rd yr)

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: Olive View Medical Center has an Ophthalmology Division with a relatively large volume of surgical cases. Students will be expected to have a basic background in General Ophthalmology and will participate actively in the care of clinic patients.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cataract
2. Strabismus
3. External eye disease
4. Oculoplastics
5. Retina
6. Glaucoma
7. Diabetic retinopathy
8. Uveitis

INPATIENT:  5%  CLOSE CONTACT WITH:
OUTPATIENT:  95%  X FULL-TIME FACULTY
CONSULTATION:  10%  X CLINICAL FACULTY
PRIMARY CARE:  90%  X RESIDENTS
OTHER:  INTERNS

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  25
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  250

TYPICAL WEEKLY SCHEDULE

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<tr>
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<tbody>
<tr>
<td>AM</td>
<td>Surgery</td>
<td>Surgery</td>
<td>General Clinic</td>
<td>Division Surgery Conference</td>
<td>General Clinic</td>
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<tr>
<td></td>
<td>General Clinic</td>
<td>General Clinic</td>
<td>Pediatric Clinic</td>
<td>Surgery</td>
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<tr>
<td>PM</td>
<td>General Clinic</td>
<td>Surgery/Oculoplastics Clinic</td>
<td>Jules Stein Eye Institute Grand Rounds</td>
<td>General Clinic</td>
<td>General Clinic</td>
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<tr>
<td></td>
<td>Surgery</td>
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<td>General Clinic</td>
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<td></td>
<td>Retina Surgery</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Each student will work closely with the resident and the attending staff in the clinic and surgery. The student will make one 10-15 minute presentation on the topic of his or her choice to the Division Conference during the rotation.

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OP250.06  ADVANCED CLINICAL ELECTIVE IN OPHTHALMOLOGY

Advanced Clinical Clerkship  Location: CHS  2008-2009  Revised: 12/11/07

COURSE CHAIR:  Michael B. Gorin, M.D., Ph.D.
Tara A. Young, M.D., Ph.D.

COURSE OBJECTIVES (in order of importance)
1. Obtain exposure to a diverse patient population and disorders that require intensive and sophisticated clinical, diagnostic and management skills.
2. Learn to correlate clinical situations with current knowledge and research with a subspecialty area of ophthalmology in conjunction with specific reading assignments from reference texts and peer-reviewed research journals.
3. Understand the development testing, and biological and genetic principles associated with some of the most advanced surgical techniques, diagnostic methods and new therapies for eye disorders.

SUPPORTING FACULTY:
Drs. Robert Goldberg, Ralph Levinson, Kevin Miller, Christine Gonzalez, and other ophthalmology faculty members by prior arrangement.

STUDENT COORDINATOR:  Ruby M. Paz  
PHONE #: (310) 794-5400  
E-MAIL: paz@jsei.ucla.edu

REPORT TO:  Lariza Sayas, 3rd Fl., Doris Stein Research Center, JSEI

STUDENT EXPERIENCES

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

COMMON PROBLEMS/DISEASES
1. Diabetic retinopathy
   INPATIENT:  5%
2. Retinal detachment
   OUTPATIENT:  95%
3. Age related macular degeneration
   CONSULTATION:  100%
4. Retinopathy of prematurity
   PRIMARY CARE:  0%
5. Glaucoma
6. Cataracts
7. Intraocular lens implantation

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Surgery or Consultation</td>
<td>Surgery or Consultation</td>
<td>Surgery</td>
<td>Surgery or Consultation</td>
<td>Surgery or Consultation</td>
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<tr>
<td>PM</td>
<td>Surgery or Consultation or Directed Literature Review</td>
<td>Surgery or Consultation or Directed Literature Review</td>
<td>Clinical and Basic Science Seminars</td>
<td>Surgery or Consultation or Directed Literature Review</td>
<td>Surgery or Consultation or Directed Literature Review</td>
</tr>
</tbody>
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APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  0

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  75

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  The student must coordinate his/her monthly rotation on a one (1) preceptor--either Dr. Yoshizumi, Dr. Goldberg, Dr. Miller (or other ophthalmology faculty member by prior arrangement) --to one (1) student basis in a particular subspecialty choice and arrange for the 1 month time period in accordance with the schedule of the preceptor. Call Ms. Lariza Sayas 310-206-7484.
COURSE CHAIR:  Ben J. Glasgow, M.D.  
PHONE #:  (310) 825-6998  
E-MAIL:  

COURSE OBJECTIVES (in order of importance)  
1. Development of an approach to pathologic evaluation of biopsies and surgical specimens with emphasis on the clinical and pathologic criteria essential to decision making.  
2. Acquaintance with the value, uses, and limitations of pathologic evaluation of surgical specimens.  
3. Opportunity for clinical, pathologic, and radiologic correlations in a variety of neoplastic and inflammatory conditions.  
4. Exposure to specialized techniques such as: diagnostic electron microscopy; immunohistochemistry, and fine needle aspiration biopsies.  
5. Practice in the technical procedures of gross and microscopic evaluation of various surgical specimens, including special stains.  
6. Learn the basic diseases of the eye and orbit.  
7. Learn the detailed anatomy of the eye and orbit.

STUDENT EXPERIENCES

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

COMMON PROBLEMS/DISEASES  
1. Inflammation  
2. Trauma/wound healing  
3. Developmental/congenital defects  
4. Intraocular tumors  
5. Pathology of conjunctiva  
6. Pathology of cornea  
7. Pathology of lens  
8. Pathology of retina  

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  15 – 18  
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  50+  

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Microscopic Reading of Surgical Specimens Assigned Reading</td>
<td>Gross in Autopsy Eyes</td>
<td>Gross in Autopsy Eyes Microscopic Reading of Surgical Specimens Sign-Out Conference</td>
<td>Gross in Autopsy Eyes Microscopic Reading of Surgical Specimens</td>
<td>Gross in Autopsy Eyes Microscopic Reading of Surgical Specimens Written examination</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: There is no overnight call or scheduled weekend activities.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will be evaluated both subjectively and objectively. Students will be given a written test on assigned reading. Although there is no call schedule, students may pick a “mini-project” to work on during this rotation.