OP250.01 OPHTHALMOLOGY

Advanced Clinical Clerkship Location: CHS

Revised: 12/19/05

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

SUPPORTING FACULTY:
Jules Stein Eye Institute Department of Ophthalmology Faculty

STUDENT COORDINATOR:
Lori Twitchell
PHONE #: (310) 206-6138
E-MAIL: twitchell@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 TO EXTERNS: Yes

STUDENTS / PERIOD: max 4 min 3

DURATION: 3 weeks

2006–2007 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.

COURSE OBJECTIVES (in order of importance)
1. Perspectives on ophthalmic basic science & clinical ophthalmology.
2. Introduction to some of the important principles and applications of basic vision research to the understanding of ocular structure function and pathology.
4. Observation of various types of ophthalmic operations, including cataract surgery, and glaucoma surgery.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cornea-External ocular
2. Glaucoma
3. Strabismus
4. Cataract
5. Retinal-vascular diseases
6. Neurological diseases
7. Diabetes
8. Oculo-plastics

INPATIENT: 10%
OUTPATIENT: 90%
CONSULTATION: 40%
PRIMARY CARE: 60%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10

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

TYPICAL WEEKLY SCHEDULE

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<td>3 Lectures</td>
<td>2–3 Lectures</td>
<td>Clinical Faculty Offices</td>
<td>Operating Room</td>
<td>Retina Rounds</td>
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<td>Observe Eye Surgery</td>
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<td>Outpatient Offices</td>
<td>1:00 – 5:00</td>
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<td>PM</td>
<td>JSEI University Ophthalmology Associates (UOA)</td>
<td>1:00 – 5:00</td>
<td>Noon Weekly Glaucoma Conf.</td>
<td>1:00 – 5:00</td>
<td>1:00 – 5:00</td>
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<td>Outpatient Offices</td>
<td>2:45 – 6:15</td>
<td>Basic Science Course &amp; Grand Rounds</td>
<td>Operating Room—Observe Eye Surgery</td>
<td>Operating Room</td>
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<td>5:30 – 7:00</td>
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<td>7:00 – 9:00</td>
<td>8:30 – 12:00</td>
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<td>Fluorescein Angiography Conf. (1st Tues. of month)</td>
<td>Basic Science Lecture for First-Year Residents</td>
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<td>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 Lori Twitchell at the number listed above.

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Advanced Clinical Clerkship Location: HARBOR

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

PHONE #: (310) 222-2731

SUPPORTING FACULTY:
Richard Hoft, M.D., Anurag Gupta, M.D., JoAnn Giaconi, M.D.

STUDENT COORDINATOR:
Stephanie Steele

PHONE #: (310) 222-2731

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

STUDENT COORDINATOR: PHONE #:
Stephanie Steele (310) 222-2731

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Red eye
2. Strabismus
3. Glaucoma
4. Cataracts
5. Retinal disorders
6. Post-operative patients
7. Trauma

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25

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

TYPICAL WEEKLY SCHEDULE

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<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</td>
<td>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:
COURSE OBJECTIVES (in order of importance)

1. Knowledge of the common diseases affecting the visual system including cataract, strabismus, glaucoma, uveitis, diabetic retinopathy, retinal detachment, external infections, optic neuropathies, and macular degeneration.

2. Understanding of the pattern and etiology of the most common visual field deficits.

3. Ability to perform a limited ophthalmologic history and physical examination and to formulate an initial plan of management (treatment or referral).

4. Knowledge of ophthalmic emergencies, i.e., central retinal artery occlusion, angle closure glaucoma, penetrating globe injuries, and ocular inflammation (red eye).

5. Ability to perform emergency room care of the acute ophthalmic emergencies.

6. Knowledge of the pharmacology of common drugs used in ophthalmology, e.g., mydriatics, cycloplegics, anti-glaucoma medications, topical steroids, and topical antibiotics.

7. Familiarity with ophthalmologic diagnostic equipment and techniques.

8. Exposure to microsurgical and laser techniques in ophthalmology.


10. Oral presentation of clinical data.

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%
OUTPATIENT: 95%
CONSULTATION: 10%
PRIMARY CARE: 90%

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

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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<td>AM</td>
<td>Surgery</td>
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<td>General Clinic</td>
<td>Division Surgery Conference</td>
<td>General Clinic</td>
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<td>General Clinic</td>
<td>General Clinic</td>
<td>Pediatric Clinic</td>
<td>Surgery</td>
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<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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<td></td>
<td>Surgery</td>
<td>Retina Surgery</td>
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<td>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.
OP250.05 OPHTHALMOLOGY  

Advanced Clinical Clerkship  |  Location: KDMC  |  2005-2006  |  Revised: 11/29/05

COURSE CHAIR:  
Michelle Banks, M.D.  
PHONE #:  
(310) 668-4531

SUPPORTING FACULTY:  
Yadavinder Dang, M.D., Richard Baker, M.D., Michael Banks, M.D., Malvin Anders, M.D

STUDENT COORDINATOR:  
Yan Mui, M.B.A.  
PHONE #:  
(310) 668-4531

REPORT TO:  
King/Drew Medical Center, Eye Clinic 4H at 7:30 a.m. then Room 5009 at 9:00 a.m.

PREREQUISITES:  
Prior exposure to Ophthalmology recommended

AVAILABLE TO EXTERNS:  
No

STUDENTS / PERIOD:  
max 2

DURATION:  
3 weeks (1 or 2 weeks also an option)

2006-2007 ROTATIONS BEGIN WEEKS:  
By Arrangement

DESCRIPTION:  
This course is designed especially for students with a career interest in Ophthalmology. However, all students are welcome who wish to have greater exposure and knowledge of a variety of ophthalmic disorders and surgical techniques. Clinical research opportunities are available with participation in on-going research projects.

COURSE OBJECTIVES (in order of importance)
1. To understand visual system, anatomy, and pathophysiology through the evaluation and treatment of common ocular diseases.
2. To demonstrate knowledge of diagnosis, treatment, and follow-up of common ophthalmic diseases, e.g., conjunctivitis, iritis, glaucoma, cataracts, retinal detachment, macular degeneration, diabetic retinopathy, optic neuropathy, ophthalmic emergencies, and systemic diseases with significant ocular manifestations.
3. To demonstrate techniques of slit lamp biomicroscopy, direct and indirect ophthalmoscopy, and tonometry.
4. To gain knowledge of the pharmacology of common ophthalmic drugs: mydriatics, cycloplegics, antiglaucoma medications, topical steroids, and antibiotics.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. External diseases
2. Glaucoma
3. Retinal disease
4. Cataracts
5. Strabismus
6. Diabetes
7. Neuro-ophthalmologic diseases
8. Trauma

INPATIENT:  
5%

OUTPATIENT:  
95%

CONSULTATION:  
10%

PRIMARY CARE:  
90%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  
15

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  
300

TYPICAL WEEKLY SCHEDULE

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<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
<td>Grand Rounds</td>
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<td>Basic Science</td>
<td>Retina &amp; Uveitis Clinic</td>
<td>Glaucoma Rounds and Clinic</td>
<td>Strabismus and Pediatrics Clinic</td>
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<td>Surgery Observation</td>
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<td>Neuro-Oculoplastics</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  
Provide own ophthalmoscope.
COURSE OBJECTIVES (in order of importance)

1. Gain insight into the highest level of ophthalmic care delivered in the United States today, much beyond the basic clerkship offered in the medical school curriculum.

2. Students will get to work closely with a particular specialist within ophthalmology and concentrate on the diagnosis, treatment, and surgery of a particular ophthalmic disease such as glaucoma, retinal disease, or cataracts.

3. Intensive directed reading will reveal what is known about a particular aspect of ophthalmology and the problems which need to be solved in the frontiers of knowledge will be discussed.

DESCRIPTION:
This course will allow the medical student who has already obtained a basic idea of Ophthalmology through the 3rd year required course to gain more intensive experience in a highly specialized academic ophthalmology setting. The student will be directed to intensive reading assignments in a specific area of ophthalmology to gain experience in clinical diagnosis, treatment, and surgery of complex ophthalmic disease processes as glaucoma, retinal diseases, ophthalmic plastics, or cataract surgery.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Diabetic retinopathy
2. Retinal detachment
3. Age related macular degeneration
4. Retinopathy of prematurity
5. Glaucoma
6. Cataracts
7. Intraocular lens implantation

APPREHOMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 0

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>Surgery or Consultation</td>
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<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>
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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. Veronica Corcoran 310-825-4749.

2006–2007
Revised: 11/28/05
OP264.01  OPHTHALMIC PATHOLOGY

Advanced Clinical Clerkship  Location:  CHS  2006–2007
Revised: 11/28/05

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Ben J. Glasgow, M.D.  (310) 825-6998

SUPPORTING FACULTY:

STUDENT COORDINATOR:  PHONE #:  1. Development of an approach to pathologic evaluation of
Ben J. Glasgow, M.D.  (310) 825-6998
biopsies and surgical specimens with emphasis on the clinical
E-MAIL:  bglasgow@mednet.ucla.edu
and pathologic criteria essential to decision making.

PREREQUISITES:

AVAILABLE TO EXTERNS:  No

STUDENT EXPERIENCES

STUDENTS / PERIOD:  max 2  min 1

DURATION:  6 weeks

2006–2007 ROTATIONS BEGIN WEEKS:
10, 18, 27, 39, 50 (list twice for 6 weeks)

DESCRIPTION:  The student is integrated into the regular housestaff rotation in Ophthalmic Pathology, and assumes primary responsibility
for a limited amount of cases daily, carrying them through the entire process of evaluation until final sign out with the attending pathologist.

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

INPATIENT:  N/A
OUTPATIENT:  N/A
CLOSE CONTACT WITH:
CONSULTATION:  N/A
PRIMARY CARE:  N/A

X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  RESIDENTS
OTHER

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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<tr>
<td>AM</td>
<td>Gross in Autopsy Eyes</td>
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<tr>
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<td>**“Unknown” Conf. Microscopic Reading of Surgical Specimens</td>
<td>**“Unknown” Conf. Microscopic Reading of Surgical Specimens</td>
<td>**“Unknown” Conf. Microscopic Reading of Surgical Specimens</td>
<td>Sign-Out Conference</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. **“Unknown” Conf. (Slides are shown in which diagnosis is unknown; student is to identify problem)