

**OP250.01 OPTHALMOLOGY**

Advanced Clinical Clerkship

Location: UCLA

2009-2010  
Revised: 12/16/08

**COURSE CHAIR:**

Drs. S. Bhat and A. Kreiger

**E-MAIL:**

**PHONE #:**

(310) 825-9543 or 5477

**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.
3. Practical exposure to ophthalmic disease, patient care, and treatment.
4. Observation of various types of ophthalmic operations, including cataract surgery, and glaucoma surgery.

**SUPPORTING FACULTY:**

Jules Stein Eye Institute Department of Ophthalmology Faculty

**STUDENT COORDINATOR:**

Debbie Sato

**E-MAIL:** sato@jsei.ucla.edu

**PHONE #:**

(310) 825-4617

**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 8 min 3

**DURATION:** 3 weeks

**2009-2010 ROTATIONS BEGIN WEEKS:**  
8 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**

**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**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	8:30 – 12:00 3 Lectures	8:30 – 12:00 2–3 Lectures	8:00 – 12:00 Clinical Faculty Offices	8:00 – 12:00 Operating Room Observe Eye Surgery	7:30 – 8:30 Retina Rounds  8:30 – 12:00 Outpatient Offices
<b>PM</b>	JSEI University Ophthalmology Associates (UOA)	1:00 – 5:0 Outpatient Offices 5:30 – 7:00 Fluorescein Angiography Conf. (1st Tues. of month)	12pm Wkly Glaucoma Conf. 2:45 - 6:15: Basic Science Course & Grand Rds 7:00 – 9:00 Basic Science Lecture for First-Year Residents	1:00 – 5:00 Operating Room— Observe Eye Surgery	1:00 – 5:00 Outpatient Offices

**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.

**OP250.02 OPTHALMOLOGY**

Advanced Clinical Clerkship

Location: HARBOR

2009-2010  
Revised: 12/16/08

**COURSE CHAIR:**

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

**E-MAIL:**

**SUPPORTING FACULTY:**

Richard Hoft, M.D. and JoAnn Giaconi, M.D.

**STUDENT COORDINATOR:**

Stephanie Steele

**E-MAIL:** ssteele128@hotmail.com

**PHONE #:**

(310) 222-2731

**PHONE #:**

(310) 222-2731

**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.

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

**PREREQUISITES:** Medicine; Ophthalmology is strongly recommended

**AVAILABLE FOR EXTERNS:** 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, 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.

**STUDENT EXPERIENCES**

**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%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 25

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Trauma & Grand Rounds General Clinic New Pt. Peds Clinic (Return) New Pt. Peds Clinic Surgery	External Disease Symp. Chief Resident Rounds, Observe Neuro-Oph. Clinic Surgery  General Clinic	Consultations General Clinic Contact Lens Clinic	Observe Surgery or Retina Clinic Glaucoma Clinic Plastic Surgery Clinic General Clinic	Pediatric Ophthalmology Symposium (monthly)  New Pt. Peds Clinic General Clinic Minor Surg. Clinic
<b>PM</b>	Laser Treatments General Clinic Journal Club (Monthly) New Pt. Peds Clinic New Pt. Peds Clinic (Return)	Pediatric Ophthalmology Clinic  Laser Treatments Ext. Dis. Clinic General Clinic	Attend Teaching Conferences and Rounds At The Jules Stein Eye Institute  Optometry Clinic	Laser Treatments General Clinic	General Clinic Laser Treatments

**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

2009-2010  
Revised: 12/16/08

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

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

**STUDENT COORDINATOR:** Lorena Ponce  
**PHONE #:** (818) 364-3198  
**E-MAIL:** loponce@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

**2009-2010 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.

- 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.
  9. Experience in out-patient surgical practice.
  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**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Surgery General Clinic Retina Clinic	Surgery General Clinic Pediatric Clinic	General Clinic	Division Surgery Conference Surgery	General Clinic
<b>PM</b>	General Clinic Surgery Retina Surgery	Surgery/Oculoplastics Clinic	Jules Stein Eye Institute Grand Rounds	General Clinic Surgery	General Clinic

**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.

**OP250.06 ADVANCED CLINICAL ELECTIVE IN OPHTHALMOLOGY**

Advanced Clinical Clerkship

Location: UCLA

2009-2010  
Revised: 6/12/09

**COURSE CHAIR:**

Michael B. Gorin, M.D., Ph.D.  
Tara A. Young, M.D., Ph.D.

**PHONE #:**

**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:**

Tarshia Nulliah

**PHONE #:**

(310) 206-7484

**E-MAIL:** [nulliah@isei.ucla.edu](mailto:nulliah@isei.ucla.edu)

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

**PREREQUISITES:** Required Ophthalmology

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2009-2010 ROTATIONS BEGIN WEEKS:**

By Arrangement

**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 work closely with one or more nationally-recognized ophthalmic subspecialist and clinician-scientist. The student will also 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

**INPATIENT:** 5%  
**OUTPATIENT:** 95%  
**CONSULTATION:** 100%  
**PRIMARY CARE:** 0%

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 0

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

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Surgery or Consultation	Surgery or Consultation	Surgery	Surgery or Consultation	Surgery or Consultation
<b>PM</b>	Surgery or Consultation or Directed Literature Review	Surgery or Consultation or Directed Literature Review	Clinical and Basic Science Seminars	Surgery or Consultation or Directed Literature Review	Surgery or Consultation or Directed Literature Review

**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.

**OP264.01 OPTHALMIC PATHOLOGY**

Advanced Clinical Clerkship

Location: UCLA

2009-2010  
Revised: 11/24/08

**COURSE CHAIR:**

Ben J. Glasgow, M.D.

**E-MAIL:**

**PHONE #:**

(310) 825-6998

**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.

**SUPPORTING FACULTY:**

**STUDENT COORDINATOR:**

Ben J. Glasgow, M.D.

**E-MAIL:** bglasgow@mednet.ucla.edu

**PHONE #:**

(310) 825-6998

**REPORT TO:** Ophthalmic Pathology, B269 JSEI

**PREREQUISITES:**

**AVAILABLE FOR EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2 min 1

**DURATION:** 3 weeks

**2009-2010 ROTATIONS BEGIN WEEKS:**

10, 18, 27, 39, 50

**DESCRIPTION:** The course is a rigorous academic overview of Ophthalmic Pathology. The student 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. The course has assigned reading and written examinations that are derived from a combination of websites and textbooks.

**STUDENT EXPERIENCES**

**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

**CONSULTATION:**

N/A

**PRIMARY CARE:**

N/A

**CLOSE CONTACT WITH:**

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- FELLOWS
- X RESIDENTS
- INTERNS
- OTHER:

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 15 – 18

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 50+

**TYPICAL WEEKLY SCHEDULE**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
<b>AM</b>	Microscopic Reading of Surgical Specimens Assigned Reading	Gross in Autopsy Eyes Microscopic Reading of Surgical Specimens	Gross in Autopsy Eyes Microscopic Reading of Surgical Specimens Sign-Out Conference	Gross in Autopsy Eyes. Microscopic Reading of Surgical Specimens	Gross in Autopsy Eyes Microscopic Reading of Surgical Specimens Written examination
<b>PM</b>	Free Reading Gross in Surgical Specimens Sign-Out Conference	Free Reading Gross in Surgical Specimens Sign-Out Conference	Free Reading Gross in Surgical Specimens Sign-Out Conference	Free Reading Gross in Surgical Specimens Sign-Out Conference	Free Reading Gross in Surgical Specimens Sign-Out Conference

**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.