

OP250.01 OPTHALMOLOGY

Advanced Clinical Clerkship

Location: UCLA

2013-2014
Revised: 12/10/12

COURSE CHAIR:
Drs. S. Bhat and A. Kreiger (310) 825-9543 or 5477
E-MAIL: bhat@jsei.ucla.edu

SUPPORTING FACULTY:
Jules Stein Eye Institute Department of Ophthalmology Faculty

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

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.

REPORT TO: Room 2-132, Jules Stein Eye Institute, 8:00 a.m. first day of course.

COLLEGE AFFILIATION: Applied Anatomy

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 5 min 3

DURATION: 3 weeks

2013-2014 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%	CLOSE CONTACT WITH: X FULL-TIME FACULTY X CLINICAL FACULTY X FELLOWS X RESIDENTS INTERNS OTHER:
	OUTPATIENT:	90%	
	CONSULTATION:	40%	
	PRIMARY CARE:	60%	

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
AM	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	8:30 – 12:00 Outpatient Offices
PM	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.

OP250.04 OPTHALMOLOGY

Advanced Clinical Clerkship

Location: OVH

2013-2014
Revised: 12/10/12

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., Federico Velez, M.D., JP Hubschmen, M.D., Gene Pawlowski, M.D., Kayur Shah, 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.

COLLEGE AFFILIATION: Academic Medicine

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

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
AM	Surgery General Clinic Retina Clinic	Surgery General Clinic Pediatric Clinic	General Clinic	Division Surgery Conference Surgery	General Clinic
PM	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

2013-2014
Revised: 4/24/12

COURSE CHAIR:

JoAnn Giaconi

PHONE #:

(310) 206-9157

E-MAIL: giaconi@jsei.ucla.edu

SUPPORTING FACULTY:

Drs. Anthony Aldave, Joseph Demer, Sophie Deng, Robert Goldberg, Lynn Gordon, Michael Gorin, Rex Hamilton, Sherwin Isenberg, Ralph Levinson, Colin McCannel, Kouros Nouri-Mahdavi, Stacy Pineles, David Sarraf, Federico Velez, Joseph Caprioli, Simon Law, and Tara McCannel

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.

STUDENT COORDINATOR:

Debbie Sato

PHONE #:

(310) 825-4617

E-MAIL: sato@jsei.ucla.edu

REPORT TO: Scheduled doctor's office

COLLEGE AFFILIATION: Applied Anatomy College

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 7 min 1

DURATION: 3 weeks

2012-2013 ROTATIONS BEGIN WEEKS:

By Arrangement; Not offered during weeks 8-10, 25-26, & 38

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. "Typical Weekly Schedule": <http://jsei.org/Education/PDF/OP250.06%20-%20Faculty%20Schedules%2012-13.pdf>

STUDENT EXPERIENCES			
COMMON PROBLEMS/DISEASES 1. Cataracts 2. Glaucoma 3. Macular degeneration 4. Uveitis 5. Strabismus 6. Optic neuropathies 7. Thyroid eye disease 8. Refractive problems	INPATIENT:	5%	CLOSE CONTACT WITH: X FULL-TIME FACULTY CLINICAL FACULTY
	OUTPATIENT:	95%	
	CONSULTATION:	100%	X FELLOWS
	PRIMARY CARE:	0%	X RESIDENTS INTERNS OTHER:

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 15 depending on faculty

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

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Surgery or Consultation	Surgery or Consultation	Surgery	Surgery or Consultation	Surgery or Consultation
PM	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 contact Debbie Sato to obtain a list of faculty preceptors and coordinate the dates on the elective with the individual faculty preceptor. The student must submit confirmation (printed email correspondence from the faculty preceptor) of the elective dates with the elective application to Debbie Sato. Four-week elective also available.

OP264.01 OPTHALMIC PATHOLOGY

Advanced Clinical Clerkship

Location: UCLA

2013-2014
Revised: 12/10/12

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

COLLEGE AFFILIATION: Applied Anatomy

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3* weeks

2013-2014 ROTATIONS BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

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
AM	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
PM	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.

* This course is designed as a 6 week course, to be taken as 2 consecutive 3-week courses. However, students receive a maximum of 4 weeks of credit for this course.