

650B ADVANCED SUBSPECIALTY OPHTHALMOLOGY

Elective Description:

Students will experience one-on-one teaching as they follow a faculty member in his/her private clinic and operating room. This elective is recommended for students interested in ophthalmology. Students with an interest in primary care are better served seeing acute eye problems in the academic clinic with the ophthalmology residents (650A Introduction to Ophthalmology elective).

This curriculum is designed so the students can tailor their experience to meet their individual goals (see list of faculty by field of practice below). Subspecialty clinic exposure will vary from student to student and is determined before the beginning of each rotation. Students will observe and participate in the examination of patients, many of whom have interesting and complex pathology. They will most likely observe ophthalmic surgery. Experience is 100% outpatient. Independent study will be encouraged to allow the student to learn more about the observed pathology.

Common Problems/Diseases: Various (each faculty member has a specific field of practice)

Prerequisites:

UCI Students – This rotation is only available to the 4th year medical students. Students should have completed the 650A Introduction to Ophthalmology elective before applying to this elective.

Extramural Students – Final year of medical school curriculum and completion of all core clerkships.

Restrictions: Permission of faculty member is required for enrollment.

Elective Coordinator: Doris Romo (jjromo@uci.edu)

UCI School of Medicine, Department of Ophthalmology

850 Health Sciences Rd., Irvine, CA, 92697-4375

Phone: 949-824-0158 (Email contact is preferred).

Elective Director: Chantal Boisvert MD, email: cboisver@uci.edu

Faculty Members by Field of Practice:

Cornea: Marjan Farid, MD; Sumit Garg, MD; Matthew Wade, MD; Sanjay Kedhar, MD

Glaucoma: Anand Bhatt, MD; Sameh Mosaed, MD

Neuro-Ophthalmology: Chantal Boisvert, MD; R. Wade Crow, MD

Oculoplastics: Jeremiah Tao, MD

Pediatric Ophthalmology: Chantal Boisvert, MD; Robert Lingua, MD; Charlotte Gore, MD; Jennifer Simpson, MD (part-time)

Retina: Baruch Kuppermann, MD; Stephanie Lu, MD; Mithul Mehta, MD; Andrew Browne, MD

Uveitis: Sanjay Kedhar, MD

Medical Ophthalmology: Kavita Rao, MD

Who to Report to on the First Day: Supervising Faculty Member

Location to Report on First Day: Various, please contact the faculty member or his administrative assistant for the exact location

Time to Report on First Day: Monday at 8:00 am (or as requested by faculty member)

Site: UC Irvine Medical Center Eye Clinic +/- LBVAMC Eye Clinic

Periods Available: Throughout the year

Duration: 4 weeks

Number of Students: 1 per faculty/rotation

UC Irvine students must officially enroll for the course by contacting the Scheduling Coordinator via email or phone (714) 456-8462 to make a scheduling appointment.

Extramural students enrolled at a U.S. LCME medical school must use VSAS to apply. To apply please refer to this website <https://students-residents.aamc.org/attending-medical-school/electives-andmake-courses/applying-away-electives-vsas/>

Course Objectives:

- Expose students to Ophthalmology as a possible career choice
- Expose students to a variety of ophthalmic surgery and pre/post-operative care
- Exposed students to a specific ophthalmology subspecialty

Key Topics:

- Ocular manifestations of systemic disease
- Ocular sequelae of systemic medications
- Sequelae of traumatic injuries
- Abnormal findings seen in eye disease
- Medical and surgical options for specific eye disease
- Pre-op and post-operative care

Competencies:

- Demonstrate familiarity with common eye diseases and diagnostic/therapeutic procedures used in ophthalmology
- Demonstrate knowledge of basic pharmacology and administration of medications commonly used for treatment of eye disease

- Demonstrate familiarity with important new or evolving issues in ophthalmology and how research and the medical literature are being used to develop evidence-based best practices and guidelines for management of eye disease

Educational Activities: Students will follow a faculty member in his/her private clinic and operating room. The schedule will vary according to the faculty availability and schedule. Students are expected to attend all Wednesday afternoon resident lectures and monthly Grand Rounds.

What Students Should do to Prepare for the Rotation: Read the student introductory information packet mailed by the Ophthalmology Site Coordinator, Doris Romo. If you have not received the packet by two weeks prior to the elective, please contact Doris Romo at djromo@uci.edu. The faculty member may also have some recommended reading to prepare for the rotation.

Clinical Responsibilities of the Student: Each student is assigned to a faculty who is primarily responsible for the instruction of that student. Each medical student is required to perform all tasks assigned by that faculty (or his/her fellow) during the working day. Specifically, the student is expected to observe the faculty examining patients and performing surgeries.

Patient Care Responsibilities of the Student: As an adjunct to the faculty, who retains primary responsibility for care.

Call Schedule of the Student: Students are not required to take call.

Procedures to be Learned by the Student:

- Refine techniques in the general eye examination as well as be exposed to the scope of a specific field of practice of ophthalmology
- Acquire general familiarity with the equipment used in the eye clinic (slit lamp, tonometry, indirect ophthalmoscopy, automated visual field, OCT, fluorescein angiography, fundus camera, ultrasound, etc)
- The procedures learned during this elective will vary according to the chosen subspecialty

Percentage of Time Student will Participate in Ambulatory Setting: 90%

Standardized Instructional Material:

- Orientation Packet
- Textbooks

Conference/Lecture/Small Group Sessions: Contact site coordinator for lecture schedule

Course Hours Weekly Summary:

1	Computer-Assisted Learning
30-36	Clinic
2	Grand Rounds
2.5	Lecture
Variable	Operating Room
Variable	Other: reading, writing, journaling
35+	Total

Recommending Readings:

- Wills Eye Manual
- Manual for Eye Examination and Diagnosis
- Others (as requested by the faculty)

Official Grading Policy: The standard UC Irvine elective evaluation form will be used to determine the final grade of a student. The students will be graded on a three-part system Honors/Pass/Fail. Students will receive feedback through open communication with the faculty member on a daily basis. There is no final examination at the end of this elective.

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