

650B Advanced Subspecialty Ophthalmology

Course Name Advanced Subspecialty Ophthalmology
Course Director Ken Lin, MD, PhD

Date of Preparation July 1st

Academic Year Presented '19-'20

1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Ken Lin, MD, PhD	850 Health Sciences Rd.	949-824-3476	
Coordinator: Alexandria Castro-Spencer	850 Health Sciences Rd.	949-824-3476	castrosp@uci.edu

DESCRIPTION

Students will experience one-on-one teaching as they follow a faculty member in their 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.

PREREQUISITES

This course is intended for 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

Students in their 3rd-year and interested in taking this course should have completed the 650A Introduction to Ophthalmology elective before applying to this elective.

RESTRICTIONS

This course is intended for 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

Visiting medical students should be in the final year of their undergraduate medical education program by the start of their rotation and should have completed all core clerkships.

Permission of faculty member is required for enrollment. Do not directly contact faculty. Contact course coordinator with preferred time and specialty to begin enrollment process.

Cataracts, Cornea, External Disease, and Refractive Surgery	Marjan Farid, MD Sumit (Sam) Garg, MD Sanjay Kedhar, MD Matthew Wade, MD
Cataracts and Glaucoma	Richard Hill, MD Ken Y. Lin, MD, PhD Sameh Mosaed, MD
Comprehensive Ophthalmology	Kavita K. Rao, MD
Neuro-Ophthalmology	R. Wade Crow, MD Lilangi Ediriwickrema, MD
Oculoplastics	Jeremiah Tao, MD, FASC Lilangi Ediriwickrema, MD
Pediatric Ophthalmology	Charlotte Gore, MD Robert Lingua, MD Mohammad Riazi, MD Jennifer L. Simpson, MD
Retina and Vitreous	Andrew Browne, MD, PhD Baruch Kuppermann, MD, PhD Stephanie Y. Lu, MD Mitul C. Mehta, MD Mohammad Riazi, MD
Uveitis	Sanjay Kedhar, MD

COURSE DIRECTOR

Dr. Lin completed his medical degree and a National Institutes of Health-sponsored doctoral degree in biophysics at Harvard Medical School in Boston. He completed a residency in ophthalmology at UCI School of Medicine’s Gavin Herbert Eye Institute

(GHEI), where he served as chief resident. He also completed a glaucoma fellowship at the institute.

Lin's clinical interests include optic nerve and aqueous outflow imaging. He has also been involved in the development and evaluation of several glaucoma and cataract surgical devices.

Alexandria Castro-Spencer is the course coordinator for 650B course. Alexandria completed her undergraduate education at UCI and has worked with GHEI since 2018.

INFORMATION FOR THE FIRST DAY

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

Location to Report on First Day: Various

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

SITE

UCI Medical Center +/- LBVAMC Eye Clinic +/- Gavin Herbert Eye Institute

DURATION

2 or 4 weeks

Scheduling Coordinator: UC Irvine students please call (714) 456-8462 to make a scheduling appointment.

Periods Available: The time of the course must be pre-approved by the elective director at least 3 months prior to the start of the course. No exceptions.

NUMBER OF STUDENTS ALLOWED

1 student per faculty/rotation

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE

Read the student introductory information packet sent to them by the course coordinator. If you have not received the packet two weeks prior to the elective, students should contact the course coordinator. The faculty member may also have some recommended reading to prepare for the rotation.

COMMUNICATION WITH FACULTY

Questions about logistics, comments, or concerns about the course can be directed to the Course Coordinator. Inquiries will be directed to the Course Director as needed. Contact information and office location are at the beginning of this document.

The Course Director is also available to meet in person. Please email Course Coordinator to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

SUBJECT: COURSE NAME, your last name, your issue (e.g. XXX, Smith, Request for appointment)

2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 650B course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

Course Objective	Mapped UCI School of Medicine Program Objective	Sub Competency	Core Competency
Expose students to Ophthalmology as a possible career choice	<p>A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing physical diagnosis, communication and clinical reasoning processes</p> <p>A-5. Knowledge of medical practice, including health care economics and health systems impacting delivery and quality medical care.</p> <p>B-1. The ability to competently conduct a medical interview and counseling to take into account patient health beliefs, patient agenda and the need for comprehensive medical and psychosocial assessment.</p>	<p>Disease Pathogenesis and Treatment</p> <p>Patient Management</p>	<p>Knowledgeable</p> <p>Skillful</p> <p>Dutiful</p>

	<p>B-6. The ability to function effectively within the context of complexity and uncertainty in medical care.</p> <p>D-2. A commitment to coordinated patient care and to the well-being of patients and colleagues as evidenced by effective collaboration on inter-professional health care teams.</p>		
<p>Expose students to a variety of ophthalmic surgery and pre/post-operative care</p>	<p>B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines.</p> <p>B-5. The ability to practice effective preventive medicine by identifying, addressing and advocating for strategies to maintain health and well-being, to identify and treat disease early where appropriate and to advise on lifestyle practices</p> <p>B-6. The ability to function effectively within the context of complexity and uncertainty in medical care.</p> <p>C-2. Professional behaviors reflecting compassion and respect</p>	<p>Disease Pathogenesis and Treatment</p> <p>Medical Practice</p>	<p>Skillful</p> <p>Altruistic</p>

	<p>for patient privacy, altruism and a commitment to comprehensive, holistic medical care.</p> <p>C-3. Sensitivity and awareness of diverse cultures, health beliefs and social factors impacting patient health and illness.</p>		
<p>Exposed students to a specific ophthalmology subspecialty</p>	<p>A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes.</p> <p>A-5. Knowledge of medical practice, including health care economics and health systems impacting delivery and quality of patient care.</p> <p>B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines.</p> <p>A-5. The ability to practice effective preventative medicine by identifying, addressing and advocating for strategies to maintain health and well-being, to identify and treat</p>	<p>Professionalism</p> <p>Medical Practice</p> <p>Evidence-Based Medicine</p>	<p>Knowledgeable</p> <p>Skillful</p> <p>Altruistic</p>

	<p>disease early where appropriate and to advise on lifestyle practices.</p> <p>C-1. Honesty and integrity reflecting the standards of the profession, in interacting with colleagues, patients, families and professional organizations.</p>		
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3. Course Resources

TEXTS AND READINGS: SUGGESTED

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

4. Major Exams, Assignments and Grading

MANDATORY SESSIONS*

** Unless faculty permits otherwise

Session Title	Location
Didactics	<p><i>Gavin Herbert Eye Institute,</i> Cavanaugh Conference Room B</p> <p><i>Wednesdays @ 1:30pm to 5:00pm</i></p>
Grand Rounds	<p><i>Gavin Herbert Eye Institute</i> Cavanaugh Conference Room A</p> <p><i>email coordinator for dates</i></p>

MAJOR ASSIGNMENTS AND EXAMS

All students, regardless of rotation length, will be graded exclusively on their performance in the clinic and/or operating room.

THE GRADING SCALE

Medical Students are graded using the following scale: Honors (H), Pass (P), and Fail (F). or for the MS I courses Pass (P), and Fail (F).

For the assignment of grades, the average and distribution of scores of only the medical students will be used to establish the score range for each grade. The score of any medical students who has previously taken this Clerkship or any portion will not be included in the calculation of these statistics.

You have 30 days from the date of the grade to appeal any aspect of this grade. Please contact your Clerkship/course Director should you have any questions

GRADING

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F) and Incomplete (I). For further information, please review the [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.

Requirements for “Pass”:

To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Requirements for “Honors”:

To receive a grade of Honors, students must demonstrate exceptional performance all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Grounds for “Incomplete”: You will not be issued a grade until all elements of the course have been completed.

REMEDIATION

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

Grounds for “Fail”: You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript.