

OPHTHALMOLOGY

Elective Clerkships

Clerkship website: <http://depts.washington.edu/opthweb/clerkship.html>

OPHTH P- Ophthalmology Clerkship

Clerkship Director:	Michael Wu, M.D. , 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu

Goals and Objectives:

The general learning objectives and remarks, which follow are intended to provide you with overall framework which to understand the content and structure of the course.

1. To develop confidence in specific examination techniques which are commonly used by ophthalmologists to detect abnormalities of the eyes, optic nerve, lids, lacrimal apparatus, and visual pathways;
2. To assist students in identifying, recalling, and categorizing information about seven clinical problem areas: visual acuity, ophthalmoscopy, glaucoma, red eye, injuries, amblyopia and strabismus, and neuro-ophthalmology;
3. To assist the student in describing and communicating ocular findings with other physicians and when to refer cataract and sight threatening symptoms (e.g., eye pain, vision loss, flashes, and floaters) to an ophthalmologists;
4. To provide a first-time experience for students to actually work in an ophthalmology practice setting with adult and pediatric patients, their families, and ophthalmic nurses and technicians. This setting provides a balance of outpatient, emergency room, inpatient, and operating room experiences and is directed toward the following:
 - the application of basic science and clinical knowledge to specific eye problems,
 - gaining practical experience and insight into the communication skills, examination techniques, and treatments which are used in the practice of ophthalmology,
 - deciding whether to become an ophthalmologist,
5. To introduce students to controversial areas of ophthalmology to stimulate reading and investigation into these topics,
6. To observe common surgical techniques, such as cataract extraction with intraocular lens implantation.

Objectives:

There are several skill objectives, which are required for minimal performance in this course. These skill areas are described briefly below: At the end of the clerkship, the student should be able to:

1. Read and interpret an ophthalmologic consultation which requires knowledge of specific terminology and abbreviations,
2. Perform an appropriate and focused history and physical examination for a new ophthalmology patient,
3. Develop a plan for the investigation and management of his/her specific ocular problem(s),
4. Perform the following procedures:
 - Recording of visual acuity at near and distance,
 - Examination of the intraocular muscles (including the cover test) and intraocular muscles (accommodation and papillary reactions),
 - Hand light and slit lamp examinations of the external structures of the eye, lids, and lacrimal apparatus,
 - Examination of the cornea, anterior chamber, iris, lens, and anterior vitreous with a slit lamp,
 - Ophthalmoscopic examinations of the media (cornea, anterior chamber, lens, and vitreous) and fundus (optic disc, macula, and vessels),
 - Confrontation examination of the peripheral visual fields,
5. Understand and discuss the initial management of eye emergencies.

Schedule:

Scheduling is based on the location of the clerkship. In general, each student will be exposed to a variety of patients and settings. All students (non-WWAMI site) will participate in the Department of Ophthalmology Conferences at UWMC on Thursday mornings.

Conferences:

Basic Clinical and Science Course, Lectures, and Grand Rounds (Thursday mornings)

Readings/texts:

- American Academy of Ophthalmology, *Basic Ophthalmology for Medical Students and Primary Care Residents*, 8th Edition, 2004
- UW Ophthalmology Clerkship Syllabus
- Vaughn et al, eds., *General Ophthalmology*, 16th edition, 2003

Evaluation:

1. By student.
2. By faculty (Evaluation of Student Performance in the Clinical Curriculum).

Other:

Students will take a brief quiz on basic ophthalmology topics the second Thursday following the conference. Free shuttle service from UWMC to the VAPSHCS and HMC sites is available. Students at the CHRMC and GHC locations will need to arrange for their own transportation.

ALASKA

OPHTH 688 P- Ophthalmology Clerkship – Anchorage (8)

Meets the surgery selective requirement.

Offered:	AWSpS; 4 weeks full-time; Alaska Native Medical Center
Prerequisite:	Completion of HuBio series and MED and SURG required clerkship. For fourth-year medical students only. Application should be made during third year. By special arrangement only. Permission of department.
Total Enrollment:	1 student per rotation.
Faculty Contact:	Tom Mader, M.D. (907) 729-1437
Clerkship Director:	Michael Wu, M.D. , 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	Anchorage, Alaska; Alaska Native Medical Center (ANMC)

Four-week away clerkships at Alaska Native Medical Center in Anchorage, AK. Opportunity to learn and practice common eye examination techniques, including slit-lamp biomicroscopy, tonometry, and funduscopy. Patients seen three days a week; two days spent in the operating room.

MONTANA

OPHTH 690 P–Ophthalmology Clerkship – Missoula (4)

Offered:	AWSpS; 2 weeks full-time.
Prerequisite:	Completion of Human Biology Series. Third- and fourth-year medical students.
Total Enrollment:	1 student per rotation.
Faculty Contact:	Brian Sippy, M.D.
Clerkship Director:	Michael Wu, M.D. , 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	Missoula, Montana

Students participate in diagnosis and management of commonly seen eye diseases. Subspecialty clinics include cornea, retina, neuro-ophthalmology, glaucoma, contact lenses, and strabismus.

WASHINGTON

OPHTH 681 P–Ophthalmology Clerkship – HMC/Eye Institute(4/8)

Meets the surgery selective requirement. Only 2-weeks surgery selective credit given.

Offered:	AWSpS; HMC; 2 or 4 weeks full time
Prerequisite:	Completion of Human Biology Series. Third- and fourth-year medical students.
Total Enrollment:	1 student per rotation.
Faculty Contact:	AJ Amadi, M.D.
Clerkship Director:	Michael Wu, M.D., 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	Harborview Medical Center (HMC)

Students gain experience in the diagnosis and treatment of common ocular disorders and basic examination techniques, including tonometry, ophthalmoscopy, and biomicroscopy.

OPHTH 683 P–Pediatric Ophthalmology Clerkship – Seattle Children’s(4)

Meets the surgery selective requirement.

Offered:	AWSpS; 2 weeks full-time.
Prerequisite:	Completion of Human Biology Series. Third- and fourth-year medical students. Permission of department.
Total Enrollment:	1 student per rotation.
Faculty Contact:	Avery Weiss, M.D./Francine Baran, M.D.
Clerkship Director:	Michael Wu, M.D., 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	Seattle Children’s Hospital

Students examine and observe treatment of children with ocular diseases and learn to differentiate trivial from potentially blinding disorders. Programmed text in general ophthalmology furnished.

OPHTH 685 P–Ophthalmology Clerkship - VAPSHCS(4)

Meets the surgery selective requirement.

Offered:	AWSpS; Veteran’s Affairs Medical Center (VAPSHCS); 2 weeks full-time
Prerequisite:	Completion of Human Biology Series. Third- and fourth-year medical students.
Total Enrollment:	1 student per rotation.
Faculty Contact:	Michael Wu, M.D., 206-221-6407
Clerkship Director:	Michael Wu, M.D., 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	VA Puget Sound Health Care System (VAPSHCS)

Students participate in diagnosis and treatment of medical and surgical ocular disease, outpatient examinations, and inpatient surgery; as well as neuro-ophthalmologic, retinal, and glaucoma consultations. Basic techniques involved in tonometry, ophthalmoscopy, and biomicroscopy of eye.

OPHTH 686 P–Ophthalmology Clerkship – GHC Puget Sound(4)

Meets the surgery selective requirement.

Offered:	AWSpS; Group Health (GHC); 2 weeks full-time.
Prerequisite:	Completion of Human Biology Series. Third- and fourth-year medical students.
Total Enrollment:	1 student per rotation.
Faculty Contact:	Michael R Gorman, M.D.
Clerkship Director:	Michael Wu, M.D., 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	Group Health Cooperative (GHC)

Students participate in diagnosis and treatment of ocular diseases in outpatients. Weekly assignment to Group Health ophthalmologist responsible for the care of walk-in and urgent patients, which may demonstrate findings pertinent to the future practice of primary care physicians. Examination techniques, including tonometry, ophthalmoscopy, and biomicroscopy.

OPHTH 689 P–Ophthalmology Clerkship - Spokane(4)

Offered:	AWSpS; 2 weeks full-time.
Prerequisite:	Completion of Human Biology Series. Third- and fourth-year medical students.
Total Enrollment:	1 student per rotation.
Faculty Contact:	Barbara Smit, M.D.
Clerkship Director:	Michael Wu, M.D. , 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu
Clerkship Sites:	Spokane, Washington

Students participate in diagnosis and management of commonly seen eye diseases. Subspecialty clinics include cornea, retina, neuro-ophthalmology, glaucoma, contact lenses, and strabismus.

OPHTH 697 P- Ophthalmology Special Elective (*, max 24)

Offered:	AWSpS; 2/4/6 weeks full-time.
Prerequisite:	Clerkship Director's approval. Third and fourth-year med students. + 2 month application process
Total Enrollment:	Unlimited.
Clerkship Director:	Michael Wu, M.D. , 206-221-6407
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu

By specific arrangement for qualified students, special clerkships or 'away clerkships' may be available at institutions other than the University of Washington. Interested students should submit a "Credit for Away Clerkship" form available from the UWSOM Dean's Office Registrar and complete for departmental approval at least two months before advance registration.

This elective has provided clinical and laboratory experience in ophthalmology in settings ranging from a private eye clinic in Chicago to the Manhattan Eye and Ear Infirmary in New York. The arrangements must be initiated by the student, but we are able to provide guidance in order to ensure that a valuable experience will be obtained.

Evaluations:

Departmental evaluations are required to be completed by faculty and student prior to receiving a grade.

OPHTH 699 P- WWAMI Ophthalmology Special Electives (*, max 24)

Offered:	AWSpS; 2/4/6 weeks, full-time.
Total Enrollment:	Variable.
Prerequisite:	Clerkship Director's approval. Third and fourth-year med students. + 2 month application process
Clerkship Director:	Michael Wu, M.D.
Clerkship Coordinator:	Dorrie Quirante, 206-685-1969, dorrieq@u.washington.edu

By specific arrangement for qualified students, special clerkships or 'away clerkships' may be available at institutions other than the University of Washington located within the WWAMI region. Interested students should obtain a "Credit for Away Clerkship in WWAMI" form available from the UWSOM Dean's Office Registrar and complete for departmental approval at least two months before advance registration.

Evaluations:

Departmental evaluations are required to be completed by faculty and student prior to receiving a grade.