



**University of Cincinnati - College of Medicine
2013-2014 Elective Syllabi**

OPHTHALMOLOGY

12 01 46

TITLE NEURO-OPHTHL/OCULR ONCOL

The student will participate in the evaluation of patients with complex neuro-ophthalmologic problems and intraocular tumors.

DIRECTOR Karl C. Golnik, MD
golnikkarl@gmail.com
Building: Stetson

Phone: 558-5151
Room: 5300

ADMINISTRATIVE Michele Wyan
SUPPORT PERSON BUILDING: MSB

EMAIL: michele.wyan@uc.edu PHONE: 558-0815
ROOM: 5110

INSTRUCTOR James Augsburger
Karl Golnik MD
Zelia Correa MD, PHD

SITE University Hospital
Cincinnati, Eye Institute

REPORT 1ST DAY Mon/Thur/Fri-MAB Ste 1500, 8:30 AM Tues-CEI, 12:30 PM 8:30 AM Wed-MAB Ste 1700, 8:30 AM

LENGTH 4 wks

CREDITS 8

MAX. ENROLL 1

FT/PT:Full-Time

hours

ROTATION	MIN	MAX
1 7/1/2013 to 7/26/2013		0
2 7/31/2013 to 8/27/2013		1
3 9/3/2013 to 9/27/2013		1
4 10/1/2013 to 10/28/2013		1
5 10/30/2013 to 11/26/2013		1
6 12/2/2013 to 12/27/2013		1
7 1/2/2014 to 1/29/2014		1
8 1/31/2014 to 2/27/2014		1
9 3/3/2014 to 3/28/2014		1
10 4/1/2014 to 4/25/2014		1
11 4/29/2014 to 5/23/2014		1
12 5/26/2014 to 6/30/2014		1

WORKING HOURS 8:30 a.m. - 5:00 p.m., Monday - Friday

INSTRUCTION

TYPE/FORMAT 29 hrs Outpatient/ambulatory care experience (one-to-one instruction)
1 hrs Inpatient ward experience (small group instruction)
4 hrs Library time/independent study
2 hrs Lectures, conferences, seminars, grand rounds, etc.
4 hrs surgery
40 hrs total



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RESPONSIBILITIES Work up and follow patients
Interpreting clinical data (X-rays, lab results, etc.)
Performance of procedural techniques
Attendance of conferences, grand rounds, research seminars, lectures
Reading of literature and research
Patient presentations
clinically-oriented examination at end of elective ; case report prepared for publication (optional)

PREREQUISITES Ophthalmology specialty clerkship rotation

ORIENTATION James J. Augsburg, M.D. or Karl C. Golnik, M.D.

TEACHING 90% Attending physician

10% Junior resident

FEEDBACK Elective director

FINAL GRADE 75% Clinical work performance evaluations

25% Attitude, e.g., professionalism, motivation etc

GRADE ASSIGNED BY: Elective director

OBJECTIVES Knowledge/Skills

1. Recite the pertinent neuro-ophthalmologic anatomical pathways.
2. Identify and describe the importance of a relative afferent pupillary defect.
3. Evaluate ocular motility and alignment.
4. Evaluate and interpret visual field defects.
5. Identify the abnormal optic nerve head and provide a differential diagnosis.
6. Perform slit lamp biomicroscopy of anterior ocular segment.
7. Perform basic indirect ophthalmoscopy to examine ocular fundi, and recognize and describe pertinent intraocular abnormalities.
8. Obtain and record pertinent historical information about the patient and his/her ophthalmic problem or symptoms.
9. Prepare a case report for publication in a peer reviewed journal (includes review of relevant research) - Optional.

Procedures

1. Perform a complete eye exam, including:
 - evaluation and recording of visual acuity in each eye
 - confrontation visual field testing
 - external examination in diffuse light
 - examination of pupils and their responses to light
 - evaluation of ocular alignment and motility
 - testing of ocular-facial touch sensation and forced eyelid closure
 - slit lamp biomicroscopy of anterior segments
 - applanation tonometry
 - direct and basic indirect ophthalmoscopy

Attitudes (include professional attitudes/behaviors)

1. Empathize with patients with visual loss and either neurologic disorders or cancer.
2. Communicate effectively with patients and their families, clinical preceptors, residents and fellows, and office staff.

Main Course Topics (Provide list of key words for major concepts covered)



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Visual System Neuro-anatomy
Pupillomotor System Evaluation
Ocular Motility Evaluation
Optic Nerve Head Assessment
Intraocular Neoplasm
Uveal Melanoma
Uveal Nevus
Retinoblastoma

Reading and/or Texts

American Academy of Ophthalmology - Basic and Clinical Science Course
Section 3 Intraocular Inflammation, Uveitis and Ocular Tumors
Section 5 Neuro-ophthalmology
Walsh & Hoyt's Clinical Neuro-Ophthalmology, Fifth Edition
Eds: Miller, NR, Newman NJ, Williams & Wilkins, Baltimore 1998
"Intraocular Tumors" section of Yanoff & Duker's Ophthalmology, written by James J. Augsburger, M.D.

Other Resources - Computer resources

N/A

Other Resources - Audiovisuals

N/A

Other Resources - Other (include learning stations, X-ray and image files, viewboxes, EKG reading

N/A

SAMPLE WEEK

Monday

8:30 am	12:00 pm	OP Care - Dr. Augsburger's Clinic - MAB Ste 1500 (includes 1/2 to 1 hr Inpa
12:00 pm	1:00 pm	Lunch
1:00 pm	5:00 pm	OP Care - Dr. Augsburger's Clinic - MAB Ste 1500

Tuesday

8:30 am	12:00 pm	Reading Time
12:00 pm	1:00 pm	Lunch
1:00 pm	5:00 pm	OP Care - Dr. Golnik's Clinic - CEI Ste 1945, Blue Ash

Wednesday

6:30 am	7:30 am	Neuro Ophth Conf. - Hoxworth Bldg, Rm G344
7:30 am	8:30 am	Grand Rounds
8:30 am	12:00 pm	OP Care - Dr. Golnik's Clinic - MAB Ste 1700
12:00 pm	1:00 pm	Lunch
1:00 pm	5:00 pm	OP Care - Dr. Golnik's Clinic - MAB Ste 1700

Thursday

8:30 am	12:00 pm	OP Care - Dr. Augsburger's Clinic - MAB Ste 1500 (includes 1/2 to 1 hr Inpa
12:00 pm	1:00 pm	Lunch
1:00 pm	5:00 pm	OP Care - Dr. Golnik's Clinic - MAB Ste 1700



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Friday

8:00 am	11:30 am	Operating Room experience with Dr. Augsburger
12:00 pm	1:00 pm	Lunch
1:00 pm	5:00 pm	OP Care - Dr. Golnik's Clinic - CEI Ste 1945, Blue Ash

Schedule Note