

FOURTH YEAR ELECTIVE TITLE NEURO-OPHTHALMOLOGY		COURSE NUMBER NEUR 9004 (SEE NOTE)	LOCATION ROBERT WOOD JOHNSON MEDICAL SCHOOL & ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
ELECTIVE DIRECTOR FREDERICK LEPORE, MD	ELECTIVE FACULTY FREDERICK LEPORE, MD	ELECTIVE CONTACT FREDERICK LEPORE, MD 125 PATERSON ST. SUITE 6200 NEW BRUNSWICK	CONTACT PHONE/FAX/EMAIL PH. 732-235-7728,7729 FAX 732-235-7041 leporefe@rwjms.rutgers.edu
BLOCKS AVAILABLE ALL BLOCKS EXCEPT 2 & 9 (SEE NOTE)	DURATION/WEEKS MIN 2; MAX 2	HOURS PER WEEK 40	STUDENTS MAX 1
LECTURES/SEMINARS YES	OUTPATIENT YES (100%)	INPATIENT YES	HOUSESTAFF NO
NIGHT CALL NO	WEEKENDS NO	LAB NO	EXAM REQUIRED NO

NOTE: "Prior written authorization is needed before scheduling this Elective. Please contact Dr. Lepore directly with the Block period and Dates for which you wish to take the Elective. If approved, please have him send that approval - in writing – to the Registrar's Office."

OVERALL EDUCATIONAL GOAL OF ELECTIVE

Proficiency in clinical evaluation of the neural basis of vision

OBJECTIVES

- To learn the techniques and methods of evaluating the visual and ocular motor systems in normal subjects and patients with disorders of the nervous system
 - Students will learn perimetry and ocular motor evaluation and should become adept at ophthalmoscopy.
 - Experience in the major clinical disorders affecting the neuro-visual systems will be provided in both outpatient and inpatient facilities of the Robert Wood Johnson University Hospital.
- I. Patient Care - This elective will teach the care of the patient with disorders of visual system and the nervous system.
 - II. Medical Knowledge - To become familiar with the afferent visual system from the tear film of the cornea to the poles of the occipital lobes and the ocular motor system from supranuclear eye movement centers to the 6 muscles which move each globe.
 - III. Practice-based learning and improvement - Clinical clerks will become familiar (and possibly proficient) at measuring visual acuity, understanding visual fields, assessing ocular motility, assessing pupils, and performing direct ophthalmoscopy during 3 full day outpatient sessions (T-Th-F) weekly. Mondays and Wednesdays will be devoted to background reading on selected neuro-ophthalmological topics.

OVER

- IV. Interpersonal and communication skills - Clinical clerks will participate in the art and science of eliciting patient histories and become conversant with the technical "jargon" of ophthalmology and neurology.
- V. Professionalism - Medical students will have the opportunity to learn that (in the words of the mortally-stricken Francis W. Peabody in 1927) "the secret of the care of the patient is in caring for the patient."
- VI. Systems-based Practice - This elective will focus on the visual and nervous systems from the perspective of a clinical neurologist who regards himself as a student of the eye and brain.

BRIEF DESCRIPTION OF ACTIVITIES

Attendance will be expected at scheduled teaching conferences, lectures and the Grand Rounds of the neurology service. History taking, examinations, case presentations and participation at case conferences will occupy most of the student's time. Reading will be assigned for study.

METHOD OF STUDENT EVALUATION

The student is evaluated directly regarding application to assigned duties, performance of case presentations, clinical judgment, rapport with patients and staff and participation in teaching conferences.

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No

IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL? Yes