This elective offers students a neurology clinical experience where evaluation, diagnosis and managerial procedures are studied under close faculty supervision. In this clinical elective, students are expected to spend four-weeks working with the staff neurologists on the consultation and in-patient neurology services. A maximum of five students per four-week period, can be accommodated. The purpose of the elective is to familiarize the student with all aspects of the diagnosis and management of patients with neurological disorders. Specific objectives include:

• To be able to consistently perform a focused and orderly neurological examination that is appropriate for each individual case.
• To understand why localization of neurological symptoms and signs is necessary and important.
• To develop an approach to common neurological problems.

**NEUROLOGY ELECTIVE**

**Course Director:** Satish Kadakia, MD  
**Duration:** 4 Weeks

**GOALS**

The goal of the neurology elective is to teach the principles and skills underlying recognition and management of the neurologic diseases that a general medical practitioner is more likely to encounter in practice.

**EDUCATIONAL OBJECTIVES**

By the completion of this rotation, the medical student will:

A. Become proficient in obtaining neurological history and performing a neurologic examination  
B. Become familiar with common neurological disease processes.  
C. Be able to present evaluation and treatment plan.  
D. Have insight into chronic and acute neurological disease and its impact on patients and their families.

**CLINICAL EXPERIENCE**

The medical student will rotate through various neurology clinics like MDA, seizure, nursing home and general neurology. They will participate in inpatient consultation and follow-up process on daily basis. They will review neuroimaging and neurodiagnostics with attending physician. Option to rotate to pediatric neurology is available on an as-needed basis.

**DIDACTIC EXPERIENCE**

The medical student will be expected to participate in all departmental lectures and conferences as scheduled.

**SUGGESTED READING MATERIALS & WEB SITES**

The following general medical textbooks have good neurology chapters and are recommended.

- Principles of Internal Medicine, Harrison
- Textbook of Medicine, Cecil
- Neurology Textbooks
- Merritt’s Neurology, Rowland
- Principles of Neurology, Adams and Victor
- Diseases of the Nervous System, Asbury, McKhann, and McDonald
- Textbook of Clinical Neurology, Goetz and Pappert
- Case-Based
- Case Studies in Neuroscience, Jozefowicz
- The Practice of Neural Science, Brust
- Pediatric Neurology
- Clinical Pediatric Neurology, Fenichel
- Textbook of Child Neurology, Menkes
- Child Neurology, Berg
- Pediatric Neurology, Swaimenn and Wright

**Helpful Web Sites**

- How to do the Neuro Exam: http://library.med.utah.edu/neurologicexam/html/homeexam.html  
- Includes videos http://isc.temple.edu/uroanatomy/lab/index.htm  
- Neuro Exam, videos and Neuroanatomy review

**EVALUATION METHOD**

The student evaluation will consist of 80% clinical observation and 20% case write up.

**HOW TO APPLY**

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.

“I really enjoyed the opportunity to see, examine, and learn from a variety of patients with neurological problems and disease processes. All of the attendings are very knowledgeable and it was a pleasure to learn from them.” — Jodie Gwin, AUC 4th Year Student