

## DEPARTMENT OF NEUROSURGERY

Course Name and Number: Clinical Neurosurgery - NSURG 418

### Faculty:

Dr. Frank Culicchia  
Dr. Gabriel Tender  
Dr. John Steck  
Dr. Robert Dawson  
Dr. Jason Wilson  
Dr. Jerome Volk  
Dr. O. Adetola Roberts  
Dr. Clarence Greene

**Duration:** 4 weeks

**Availability:** Any block

**Number of Students:** 2

**Objectives:** The objective of this elective is to provide further clinical exposure to Neurosurgery than is obtainable during the usual senior neuroscience course. Students should be able to recognize an acute neurosurgical emergency and become familiar with the management of:

1. Closed head injury
2. Spinal injuries and the management of the unstable spine
3. Cervical, thoracic and lumbar radiculopathy
4. Subarachnoid, subdural, epidural and intracerebral hemorrhage
5. Carotid occlusive disease and management of TIA's
6. Primary and metastatic intracranial and spinal neoplasia

### Means of Implementation:

This clinical clerkship allow students considering a residency in neurological surgery to assist faculty and residents in all aspects of the neurosurgery service, as well as interact with faculty from other departments who regularly work with the Department of Neurological Surgery. A clerkship is highly recommended for students interested in applying to the LSUHSC Department of Neurosurgery Residency training program. Students become an integral part of the Neurosurgery service, assisting members of the house staff and faculty. Activities include ward and ICU rounds, assisting in the OR, taking night call, and attending grand rounds and other teaching conferences. This rotation amounts to a "sub-internship" in Neurosurgery and offers the motivated student an excellent opportunity to contribute to an active Neurosurgery service. The student will share in the work-up and care of patients at West Jefferson Medical Center, University Medical Center, and (if rotation time allows) Children's Hospital New Orleans.

### Method of Evaluation:

The student's performance in executing clinical responsibilities will be evaluated by the full-time and part-time teaching staff, as well as input from the Neurosurgery residents. No formal written or oral examinations are given at the end of the clerkship. Students are encouraged to present during neurosurgery grand rounds at the end of their rotation.