

**NSCS840 Clinical Epilepsy****Course Director:** Jonathan Edwards, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

During this elective, students will have teaching and experience in a full range of evaluation and treatment options in clinical epileptology. The student will participate in epilepsy clinics, will attend procedures such as the Wada test, and will go to the operating room for epilepsy surgery. When possible, the student will also learn techniques such as functional brain mapping, EEG, and programming of vagus nerve stimulation.

**LEARNING OBJECTIVES**

1. Apply knowledge of types of seizures and epilepsy in the clinical treatment of epilepsy patients.
2. Understand the role of EEG and common EEG findings as they apply to clinical management.
3. Identify appropriate treatments for specific epilepsy patients.

**TEACHING METHODOLOGIES**

- Conference
- Clinical Experience
- Small Group
- Independent Study

**METHODS OF EVALUATING COMPETENCY**

Direct observation

**CALL**

No

**PATIENT ENCOUNTERS**

- 10 adult epilepsy patients
- 10 pediatric or adolescent patients
- 10 EEG students
- 1-2 Wada tests
- 1-2 epilepsy surgeries

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS845 Neuro-Ophthalmology**

**Course Director:** Walker Aljoeson, M.D.

**Student Limit** Location:

**Course Coordinator:** Olivia Burch    burchon@musc.edu  
843-792-3222    843-792-0029 (Fax)

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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

**COURSE DESCRIPTION**

Goal of course for the student is to learn and apply Neurology to the ophthalmic system. He or she will be able to identify and reasonably recognize and determine objectives indicated for the visual concerns of the patient. Learn to use the tools of the trade.

**LEARNING OBJECTIVES**

1. Perform an eye exam
2. Identify misalignment of the eyes
3. Identify papilledema
4. Relate neurologic disease to the visual system
5. Review the fundus and optic nerve by exam

**METHODS OF EVALUATING COMPETENCY**

Direct observation

**TEACHING METHODOLOGIES**

- Conference
- Clinical Experience
- Independent Study

**CALL**

No

**PATIENT ENCOUNTERS**

- 6 - migraine and related visual issues
- 1 - Papilledema
- 1 - Diplopia
- 4 - Complicated visual issues and MS or pseudotumor cerebri
- 1 - spinal tap

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS851 Pediatric Neurology****Course Director:** David Griesemer, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

This elective focuses on commonly seen pediatric neurology problems seen in an outpatient setting. Students are first to evaluate the patient and their families as they work in a daily partnership with one of more pediatric neurology faculty attendings. Emphasis is on mastering the fundamentals of history-taking and patient assessment and on learning patient care approaches for common neuro-developmental disorders. Examples include seizures, migraine, motor or language delay, cerebral palsy, head injuries, tic disorders and sleep disorders. Hours are approximately 8:00 AM to 5:30 PM.

**COURSE OBJECTIVES**

1. Refine skills in taking an accurate and thorough neurologic history
2. Achieve competence in performing a neurologic examination in a toddler, child or adolescent
3. Learn the basics of developing and utilizing skills in anatomic localization and differential diagnosis
4. Master effective communication skills with pediatric patients and their parents

**TEACHING METHODOLOGIES**

- Clinical Experience (Primary)
- Small Group (Tertiary)
- Independent Study (Secondary)

**METHODS OF EVALUATING COMPETENCY**

Direct observation

**CALL**

No

**PATIENT ENCOUNTERS**

- 4 new onset seizures
- 4 poorly controlled seizures
- 4 headache
- 3 spasticity or CP
- 1 tic or movement disorder
- 1 abnormal head shape or size
- 1 demyelinating disorders (Guillain-Barre Syndrome, Acute Disseminated Encephalomyelitis)
- 1 Neurocutaneous syndrome(s)
- 1 mitochondrial or genetic abnormality

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS852SC Gen Neurosurgery Externship SC**

**Course Director:** Abhay Varma, M.D.

**Course Coordinator:** Olivia Burch

**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu

**Student Limit**

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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

**COURSE DESCRIPTION**

This neurosurgery externship will provide exposure to all facets of neurosurgery, both pediatric and adult. Students will have the opportunity to provide outpatient and inpatient pre-operative and post-operative care in the clinic and hospital setting. Through didactic teaching, care of patients in the clinic and hospital, and direct observation of neurosurgical procedures, students will become familiar with common neurosurgical disorders and methods of treatment at all ages. Students will be expected to have an "on-call" schedule similar to a PGY-II neurosurgical resident.

**COURSE OBJECTIVES**

1. Describe clinical neurosurgical diagnoses and discuss their management issues in some of the most common neurosurgical disorders.
2. Perform a focused history and neurological exam for neurosurgical disorders.
3. Discuss basic neurosurgical approaches to common neurosurgical disorders, as well as the post-operative care and long-term management issues.
4. Identify the contributions and limitations of diagnostic imaging and neurophysiological testing in patient assessments.
5. Formulate non-surgical treatment plans for neurosurgical diagnosis and identify the common complications that may occur with or without neurosurgical interventions.

**TEACHING METHODOLOGIES**

- Direct observation
- Oral presentation

**METHODS OF EVALUATING COMPETENCY**

- Conference
- Clinical Experience
- Small Group
- Independent Study

**CALL**

Yes - every 3rd night

**PATIENT ENCOUNTERS**

8 - pediatric or adult patients with common neurosurgical issues, 4 of which you were scrubbed in for in operating room

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS853 Pediatric Neurosurgery**

**Course Director:** Steven Glazier, M.D.

**Course Coordinator:** Olivia Burch

**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu

**Student Limit**

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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

**COURSE DESCRIPTION**

Pediatric neurosurgery diagnoses and treats disorders of the nervous system through surgical means in patients up to eighteen years of age. Students participating in a pediatric neurosurgery elective will gain experience through didactic neurosurgery conferences, assisting the physician in both outpatient clinic visits and inpatient care in the hospital, and through observation of surgical procedures.

**LEARNING OBJECTIVES**

1. Identify common disorders of pediatric neurology needing neurosurgical consultation
2. Differentiate the various imaging modalities used to evaluate pediatric neurosurgical disorders
3. Perform the physical and neurological examination of pediatric patients with neurological disorders.
4. Propose treatment methods for common pediatric neurosurgical disorders.
5. Show consideration for the patient and patient's family.

**METHODS OF EVALUATING COMPETENCY**

Direct observation  
Oral presentation

**TEACHING METHODOLOGIES**

Conference  
Clinical Experience  
Small Group

**CALL**

No

**PATIENT ENCOUNTERS**

5 - pediatric hydrocephalus  
1 - pediatric traumatic brain injury  
1 - pediatric myelodysplasia

**FEEDBACK**

Daily - verbal  
Mid-term - verbal  
Final - written and verbal

**NSCS854 Vascular Neurology (Stroke)****Course Director:** Robert Adams, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

A four week elective for 4th year students to be exposed to clinical and academic opportunities in vascular neurology. During the elective, students will shadow attending on wards, stroke clinic, research meetings/conferences as well as attend at least two (but more if possible) open or endovascular surgical procedures arranged by Director. Student will learn about evidence based clinical study design, journal article review. Student will also acquire a basic knowledge of clinical examination and patient interviewing, vascular risk factors for stroke and neuro-imaging (CT, MRI, TCD, etc.). Student will be introduced to the REACH-MUSC telemedicine program.

**LEARNING OBJECTIVES**

After successful completion of this rotation, the student will be able to:

1. Review journal articles pertaining to stroke
2. Develop a research question suitable for future investigation
3. Demonstrate procedures for evidence based guidelines relevant to ischemic and hemorrhagic stroke and vascular disease
4. Demonstrate enhanced clinical examination skills, interviewing skills, understanding of vascular risk factors for stroke and basic understanding of neuro-imaging (CT, MRI and TCD)
5. Identify basic design of evidence based clinical studies in acute and stroke prevention, both locally at MUSC as well as nationally

**METHODS OF EVALUATING COMPETENCY**

Oral presentation  
 Direct observation  
 Written  
 Discussion

**TEACHING METHODOLOGIES**

Clinical Experience  
 Small Group  
 Independent Study

**CALL**

No

**PATIENT ENCOUNTERS**

Student will shadow Attending physician

**FEEDBACK**

Mid-term - verbal  
 Final - written and verbal

**NSCS855 Translational Pediatric Epilepsy****Course Director:** Robert (Rusty) Turner, M.D., MSCR**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

This elective will give the opportunity to experience clinical diagnosis and management of children and adults with chronic epilepsy and neurodevelopmental delays, using clinical history and exam skills, and by exposure to the use and interpretation of clinical neurophysiology procedures (e.g. EEG, Video EEG, Long-Term Monitoring, etc.)

**LEARNING OBJECTIVES**

1. Exhibit skills in history taking, clinical assessment, and critical thinking related to pediatric epilepsy, chronic neurodevelopmental disabilities, and child neurology in general, while demonstrating attitudes of consideration and respect for people and families effected by such issues.
2. Develop a basic knowledge of procedures and examinations, including EEG, Video Monitoring, and neuroradiology, that are involved in diagnosing and treating patients with special needs, including seizures and neurodevelopmental delays.
3. Exhibit a thorough understanding of a particular aspect of chronic epilepsy, chronic neurodevelopmental delay, and/or clinical neurophysiology, formulating a written and/or PowerPoint presentation which contributes to knowledge and/or management of this topic.

**METHODS OF EVALUATING COMPETENCY**

- Direct observation
- Oral presentation

**TEACHING METHODOLOGIES**

- Lecture
- Lab (clinical neurophysiology)
- Conference
- Clinical Experience
- Independent Study

**CALL**

No

**PATIENT ENCOUNTERS**

- 4 - children with pediatric epilepsy
- 2 - adults with neurodevelopmental delays
- 2 - Video-EEG patients

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS856 Behavioral Neurol/Neuropsych**

**Course Director:** David Bachman, M.D.

**Course Coordinator:** Olivia Burch

**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu

**Student Limit**

**Location:**

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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

**COURSE DESCRIPTION**

Observe a variety of cognitively impaired patients in a clinical setting at MUH and the VA. Observe neuropsychological testing and better understand its application. Participate in a directed reading targeted to your interests and needs.

**LEARNING OBJECTIVES**

1. Learn to apply and interpret a mental status exam
2. Identify the key elements of a neuropsychological assessment
3. Distinguish among the different dementia syndromes by their clinical characteristics
4. Compare the known pathology localization to clinical symptoms

**METHODS OF EVALUATING COMPETENCY**

Direct observation

**TEACHING METHODOLOGIES**

- Clinical Experience
- Small Group
- Independent Study

**CALL**

No

**PATIENT ENCOUNTERS**

- 2 Alzheimer's dementia
- 4 Behavioral neurology/memory disorders in adults
- 2 Observe neuropsychological testing in adult patients

**FEEDBACK**

- Mid-term - verbal
- Final - written and verbal

**NSCS857 Pediatric Neurology Externship****Course Director:** David Griesemer, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

<input checked="" type="checkbox"/> <input type="checkbox"/> July 6 - July 31	<input checked="" type="checkbox"/> <input type="checkbox"/> September 1 - September 25	<input type="checkbox"/> <input type="checkbox"/> October 26 - November 6	<input type="checkbox"/> <input type="checkbox"/> January 18 - January 29	<input checked="" type="checkbox"/> <input type="checkbox"/> March 29 - April 23
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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

Externship will provide clinical experience identical to that of second-year Neurology residents doing the first of their three required months in Pediatric Neurology. Emphasis will be on emergency assessment and care of children seen in the Emergency Department with neurologic symptoms and on consultation about hospitalized children with neurologic problems. Consultations are seen in the Neonatal ICU, Newborn Nursery, Pediatric ICU and Pediatric Cardiology ICU, as well as the pediatric wards. As time permits the extern will also see patients in Pediatric Neurology Clinic, Pediatric Epilepsy Clinic and Brain Tumor Clinic, and will attend teaching conferences for Neurology residents. The extern will work closely with and report directly to the faculty attending pediatric neurologist.

**LEARNING OBJECTIVES**

1. Elicit an accurate description of events and a comprehensive neuro-developmental history.
2. Perform a comprehensive and strategic neurologic examination, regardless of developmental age.
3. Develop analytical skills sufficient to localize abnormal function within the nervous system and to develop an appropriate differential diagnosis.
4. Demonstrate basic skill in MRI, CT and EEG interpretation.
5. Identify doses, indications, adverse effects, and therapeutic levels of medications commonly used in Pediatric Neurology.
6. Show consideration and provide counsel to distressed parents of ill or injured children.

**METHODS OF EVALUATING COMPETENCY**

Direct observation

**TEACHING METHODOLOGIES**

- Conference (third)
- Clinical Experience (primary)
- Independent Study (secondary)

**CALL**

Yes - 2 nights/week

**PATIENT ENCOUNTERS**

- 2 - coma or altered mental status
- 3 - intractable seizures or status epilepsies
- 2 - hypoxic-ischemic encephalopathy
- 2 - accidental or non-accidental head injury
- 1 - CNS infection
- 1 - hydrocephalus
- 1 - neuroblastoma or CNS tumor
- 1 - stroke
- 1 - movement disorder
- 1 - acute onset plegia or motor neuron disease
- 1 - bladder or bowel dysfunction
- 3 - pain or headache

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS858 General Adult Neurology****Course Director:** David Bachman, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

Students will gain skills in performing a neurological examination and evaluation. Clinical/Anatomical correlates will be stressed. The student will be introduced to a variety of neurodiagnostic tests, particularly MRI, lumbar puncture and EEG. This experience will take place on either an inpatient service or an inpatient consult service.

NOTE: The Clinical Core Neurology Shelf exam will be offered to those who have not previously taken it.

**LEARNING OBJECTIVES**

1. Perform a neurological history and exam
2. Demonstrate knowledge of common neurological diseases
3. Understand the role of diagnostic testing in diagnosing neurologic disease
4. Know how to evaluate and treat certain neurological emergencies

**METHODS OF EVALUATING COMPETENCY**

Direct observation  
Written test

**TEACHING METHODOLOGIES**

Lecture  
Conference  
Clinical Experience  
Small Group  
Independent Study

**CALL**

Yes - 1 night/week

**PATIENT ENCOUNTERS**

2 - Epilepsy patients  
2 - Stroke patients  
4 - other types of neurologic patients

**FEEDBACK**

Mid-term - verbal  
Final - written and verbal

**NSCS859 Adult Neurology Externship****Course Director:** Paul Pritchard, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

<input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> July 6 - July 31	<input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> September 1 - September 25	<input type="checkbox"/> <input type="checkbox"/> October 26 - November 6	<input type="checkbox"/> <input type="checkbox"/> January 18 - January 29	<input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> March 29 - April 23
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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

Exposes the student to intern level responsibilities for patient care. Allows the student to perform clinically while under close supervision. Experience occurs on a hospital inpatient service. Students will be expected to work-up and evaluate patients, present cases to an attending physician, and participate fully in all aspects of patient care. Teaching will emphasize clinical/anatomical correlations as well as other aspects of professionalism in patient care.

NOTE: The Clinical Core Neurology Shelf exam will be offered to those who have not previously taken it.

**LEARNING OBJECTIVES**

1. Expose the student to intern-level responsibilities for patient care.
2. Demonstrate the ability to perform a general physical and neurological exam
3. Understand the contribution of diagnostic testing to the evaluation of neurologic patients
4. Demonstrate an ability to critically review medical literature.

**METHODS OF EVALUATING COMPETENCY**

Direct observation  
Written test  
Oral presentation

**TEACHING METHODOLOGIES**

Lecture  
Conference  
Clinical Experience  
Small Group  
Independent Study

**CALL**

Yes - every 3rd night

**PATIENT ENCOUNTERS**

2 Epilepsy patients  
2 Stroke patients  
4 Other types of neurological patients

**FEEDBACK**

Mid-term - verbal  
Final - written and verbal

**NSCS860 Neurosciences ICU Externship****Course Director:** Julio Chalela, M.D.**Course Coordinator:** Olivia Burch**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu**Student Limit**Location: 

<input checked="" type="checkbox"/> <input type="checkbox"/> July 6 - July 31	<input checked="" type="checkbox"/> <input type="checkbox"/> September 1 - September 25	<input type="checkbox"/> <input type="checkbox"/> October 26 - November 6	<input type="checkbox"/> <input type="checkbox"/> January 18 - January 29	<input checked="" type="checkbox"/> <input type="checkbox"/> March 29 - April 23
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**Longitudinal Course Information:****FALL**  **SPRING**  **Comments** **COURSE DESCRIPTION**

This Neurosciences ICU externship will provide students with a thorough understanding of basic general critical care and neurocritical care concepts. The students are expected to read the syllabus that is provided to them. Students are expected to learn the fundamentals of resuscitating patients with severe acute neurologic injuries. Students will become familiar with airway management issues, respiratory management, circulatory support, management of increased intracranial pressure, and management of comorbid conditions seen in patients with acute neurologic injury. Students will be expected to become familiar with all critical care issues and instructed on imaging interpretation as it pertains to ICU patients. Students will participate in hands-on procedures under close supervision and will be expected to have an "on-call" schedule similar to a PGY-II neurology resident.

**LEARNING OBJECTIVES**

1. Evaluate a critically ill patient with neurologic/neurosurgical illness.
2. Develop a clinical care/management plan for Neuro ICU patients.
3. Manage the most common neurologic emergencies requiring neurocritical care.
4. Perform some critical care procedures required in the Neuro ICU.
5. Understand the contributions and limitations of diagnostic imaging (MRI, CT) and neurophysiological testing (EEG, EMG/NCV) in the assessment of Neuro ICU patients.

**METHODS OF EVALUATING COMPETENCY**

- Direct observation
- Oral presentation

**TEACHING METHODOLOGIES**

- Lecture
- Conference
- Clinical Experience
- Small Group
- Independent Study

**CALL**

Yes - 2 nights per week

**PATIENT ENCOUNTERS**

4 Neurologic/Neurosurgical critically ill patients

**FEEDBACK**

- Mid-term - verbal
- Final - written and verbal

**NSCS861 Physical Med & Rehabilitation**

**Course Director:** Nancey Trevanian Tsai, M.D.

**Course Coordinator:** Olivia Burch

**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu

**Student Limit**

**Location:**

<input checked="" type="checkbox"/> <input type="checkbox"/> July 6 - July 31	<input checked="" type="checkbox"/> <input type="checkbox"/> September 1 - September 25	<input type="checkbox"/> <input type="checkbox"/> October 26 - November 6	<input type="checkbox"/> <input type="checkbox"/> January 18 - January 29	<input checked="" type="checkbox"/> <input type="checkbox"/> March 29 - April 23
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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

**COURSE DESCRIPTION**

Outpatient physiatric practice with focus on spine and sports medicine. Part of the course will also be spent in electrophysiology, i.e., EMG. Interdisciplinary care of complex patients will be explored.

**LEARNING OBJECTIVES**

1. Perform a comprehensive spine and/or musculoskeletal examination
2. Determine and distinguish between common causes of neck and/or back pain.
3. Practice provocative maneuvers for joint and/or muscular dysfunction.
4. Show consideration for patient comfort
5. Show ability to work well with interdisciplinary care providers at all levels

**METHODS OF EVALUATING COMPETENCY**

Direct observation

**TEACHING METHODOLOGIES**

Clinical Experience  
Independent Study

**CALL**

No

**PATIENT ENCOUNTERS**

2 - neck pain  
4 - back pain

**FEEDBACK**

Daily - verbal  
Mid-term - verbal  
Final - written and verbal

**NSCS862 Spine Neurosurgery Externship**

**Course Director:** Ian Johnson, M.D.

**Course Coordinator:** Olivia Burch

**Contact Information:** 843-792-3222 843-792-0029 (Fax) burchon@musc.edu

**Student Limit**

**Location:**

<input checked="" type="checkbox"/> <input type="checkbox"/> July 6 - July 31	<input checked="" type="checkbox"/> <input type="checkbox"/> September 1 - September 25	<input type="checkbox"/> <input type="checkbox"/> October 26 - November 6	<input type="checkbox"/> <input type="checkbox"/> January 18 - January 29	<input checked="" type="checkbox"/> <input type="checkbox"/> March 29 - April 23
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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

**COURSE DESCRIPTION**

This neurosurgical externship gives students a first-hand look at the challenges and rigors of neurosurgery, with a focus on surgery of the spine. Students will attend didactic neurosurgery conferences in the Department of Neurosciences, will participate in the diagnosis and treatment of patients in the outpatient clinic setting, and will assist in the care of patients in the Neurosciences ICU. Students will observe surgical procedures and will be expected to have an "on-call" schedule similar to a PGY-II neurosurgical resident.

**LEARNING OBJECTIVES**

1. Identify the common disorders of the spine
2. Differentiate the various imaging modalities to evaluate spine disorders
3. Perform the physical and neurological examinations of patients with spinal disorders
4. Describe the various treatments, both surgical and non-surgical, for common disorders of the spine

**METHODS OF EVALUATING COMPETENCY**

- Direct observation
- Oral presentation

**TEACHING METHODOLOGIES**

- Conference
- Clinical Experience
- Small Group
- Independent Study

**CALL**

Yes - every 3rd night

**PATIENT ENCOUNTERS**

- 4 - patients with spinal disorders
- 2 - patients undergoing surgical treatment for spinal disorders

**FEEDBACK**

- Daily - verbal
- Mid-term - verbal
- Final - written and verbal

**NSCS900A Neurology Elective**

**Course Director:** ,

**Course Coordinator:** Barbara Bozarth

**Contact Information:** 843-792-2427 843-792-4262 (Fax) bozarth@musc.edu

**Student Limit** Location:

<input type="checkbox"/> 150 <input checked="" type="checkbox"/> July 6 - July 31	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> September 1 - September 25	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> October 26 - November 6	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> January 18 - January 29	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 29 - April 23
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**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

This course is open to MUSC students only.

MUSC students must contact the Dean's Office to schedule.

**NSCS900E Neurology Externship (Away)**

**Course Director:** ,

**Course Coordinator:** Barbara Bozarth

**Contact Information:** 843-792-2427 843-792-4262 (Fax) bozarth@musc.edu

**Student  
Limit**

**Location:**

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<input type="checkbox"/> 150 <input checked="" type="checkbox"/> August 17 - August 28	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> October 9 - October 23	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> January 4 - January 29	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 1 - March 12	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> April 26 - May 7
	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> October 26 - November 20	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> January 4 - January 15	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 15 - March 26	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> May 10 - May 21

**Longitudinal Course Information:**

**FALL**

**SPRING**

**Comments**

This course is open to MUSC students only.

MUSC students must contact the Dean's Office to schedule.

**NSCS970E Physical Medicine & Rehabilitation Research**

**Course Director:** ,

**Course Coordinator:** Barbara Bozarth

**Contact Information:** 843-792-2427 843-792-4262 (Fax) bozarth@musc.edu

**Student Limit**

**Location:**

<input type="checkbox"/> 150 <input checked="" type="checkbox"/> July 6 - July 31	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> September 1 - September 25	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> October 26 - November 6	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> January 18 - January 29	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 29 - April 23
<input type="checkbox"/> 150 <input checked="" type="checkbox"/> July 6 - July 17	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> September 1 - September 11	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> November 6 - November 20	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> February 1 - February 26	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 29 - April 9
<input type="checkbox"/> 150 <input checked="" type="checkbox"/> July 20 - July 31	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> September 14 - September 25	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> November 23 - December 18	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> February 1 - February 12	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> April 9 - April 23
<input type="checkbox"/> 150 <input checked="" type="checkbox"/> August 3 - August 28	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> September 28 - October 23	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> November 23 - December 4	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> February 15 - February 26	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> April 26 - May 22
<input type="checkbox"/> 150 <input checked="" type="checkbox"/> August 3 - August 14	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> September 28 - October 9	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> December 7 - December 18	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 1 - March 26	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> April 26 - May 7
<input type="checkbox"/> 150 <input checked="" type="checkbox"/> August 17 - August 28	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> October 9 - October 23	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> January 4 - January 29	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 1 - March 12	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> April 26 - May 7
	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> October 26 - November 20	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> January 4 - January 15	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> March 15 - March 26	<input type="checkbox"/> 150 <input checked="" type="checkbox"/> May 10 - May 21

**Longitudinal Course Information:**

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