

NEUROSURGERY

NSURG 736 PEDIATRIC NEUROSURGERY 4 Credit Hours ELECTIVE

This elective is designed for the student planning a career in neurosurgery, pediatrics, neurology (adult or pediatric) or neuropathology. Students with specific areas of interest, such as neonatal intraventricular hemorrhage, brain neoplasia, or neuroembryology, are especially encouraged to apply for this elective. Although there is more than ample time devoted to neuroradiology and neuropathology conferences, the principle thrust of this elective is to coherently integrate the student into the practice and theory of pediatric neurosurgery. Broad clinical exposure including patient clinics, operative experience, etc. is afforded to the student along with in-depth literature analysis.

Instructor: Dr. Mark Puccioni.

Contact: Kellie Devney; kdevney@unmc.edu; 402-559-9605; UT1 4140 (Zip 2035).

Typically Offered: Each four weeks

Capacity: 1 Location: Children's Hospital Omaha

Visiting Student Information: Visiting Students are not to contact faculty or clinical departments prior to acceptance through VSAS. Doing so is considered a professional breach and may disqualify the student from being offered a rotation.

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The Department of Neurological Surgery at UNMC offers a clinical clerkship to allow students interested in neurological surgery an opportunity to work with the faculty and residents in all aspects of the neurosurgery service. The goals of these interactions are to increase the medical knowledge of the students in the area of neuroscience, to gain early exposure of high-quality prospective applicants to the field of neurosurgery. The student can become an integral part of the care of our patients as they interact with the faculty and residents. Activities include conferences, case presentation, ICU and ward rounds, observing and assisting in the OR, taking call and outpatient clinics. Medical students will be involved in all aspects of the care of our elective neurosurgery practice, but also will be exposed to our emergent trauma and stroke population. Students can also be introduced to our advanced skull base lab. The medical students' expectations on the rotation will be refined by the chief residents under the direction of faculty neurosurgeons.

In general terms, students are expected to round on the patients and present their findings to the team. They are expected to observe and, where appropriate, take part in neurosurgical procedures. Students are encouraged to take call. They are required to attend weekly conferences and encouraged to pick a topic that interests them and give a 15-20 minute topic presentation.

Contact: Kellie Devney; Clarkson Doctor's Building South Tower, 8th floor, Room 81117.

Typically Offered: Each four weeks

Capacity: 1

Visiting Student Information: Visiting Students are not to contact faculty or clinical departments prior to acceptance through VSLO. Doing so is considered a professional breach and may disqualify the student from being offered a rotation.

NSURG 760 NSURG OFF-CAMPUS NEUROSURGERY 4 Credit Hours ELECTIVE

Special off-campus electives at other medical centers can be arranged for an additional learning experience outside of the the UNMC Department of Neurosurgery. This elective allows students considering a residency in neurological surgery to work with outside faculty and residents in all aspects of neurosurgery. An Off-Campus Elective Application form must be submitted for this experience. This course is NOT available to visiting students.

Typically Offered: FALL

Capacity: 1

NSURG 799 NEUROSURG CLIN RSCH 1-12 Credit Hours ELECTIVE

This elective offers students an opportunity to work with faculty members in clinical investigations of neurosurgical diseases or participate in ongoing bench research projects. Definitions of problems and programs of learning will be decided upon discussion with faculty. Contact: Kellie Devney; Clarkson Doctor's Building South Tower, 8th Floor, Room 81117.

Typically Offered: Each four weeks

Capacity: Variable

Visiting Student Information: This course is NOT available to visiting students.