The Department of Neurological Sciences

With 22 full time faculty, 7 advanced practice providers and 20 neurology residents and fellows, the Department of Neurological Sciences at the University of Nebraska Medical Center (UNMC) and Nebraska Medicine constantly pursues excellence in clinical service, medical education, biomedical research, and international outreach. Our many subspecialty clinical programs of excellence provide unique integration of clinical care with education and research. With multicultural faculty from seven different countries, you will feel right at home.

About the Visiting Scholars Program

Danish Bhatti, MD

The Visiting Scholars Program is designed to provide international neurologists with an individually-designed experience to enhance their skills in specific subspecialty practice areas. "Whether you want to bring back the latest skills and techniques to help your own patients, or to begin building a new research or treatment program at your home institution, the Visiting Scholars Program can provide you with the knowledge and tools you need," says Danish Bhatti, MD, Director of the International Neurology Program in the Department of Neurological Sciences.

Based on the applicant's individual interests and goals, preceptorships can be arranged for between one and three months, during which time the participant will follow specialists in the hospital and outpatient clinics, work with staff involved in relevant departmental administrative areas, and learn best practices and operational strengths.

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UNMC

Fostering Educational Collaboration in Neurology

Visiting Scholars Program

Department of Neurological Sciences

Department chair Matthew Rizzo, MD, FAAN

International Outreach

UNMC has six colleges and two institutes, serving about 3,800 students in more than two dozen programs. It has a long-standing commitment to international outreach through its International Health and Medical Education office, which develops and promotes opportunities for faculty, staff, and students to participate in global health education and to provide services associated with educational and employment opportunities for international participants. Over the past 16 years, we have established international collaborative partnerships with 126 institutions in 44 countries. We welcome the opportunity to work with you and to advance your individual learning goals.

Leaders in Research and Innovation

The Department of Neurological Sciences faculty are involved in multiple clinical and translational research projects in areas such as:

- Alzheimer's disease
- Amyotrophic Lateral Sclerosis (ALS)
- Autoimmune epilepsies
- Epilepsy surgery
- Functional neuroimaging
- Huntington's disease
- MEG imaging in epilepsy and Parkinson disease
- Multiple sclerosis
- Neuro-opthalmology
- Orthostatic tremor
- Parkinson disease
- Peripheral neuropathy
- Stroke

The department is also home to the Nebraska Mind and Brain Health Initiative. Through this groundbreaking program, we have assembled a critical nucleus of faculty and research laboratories devoted to basic, translational, and clinical research on human neurocognitive performance across laboratory and real-world settings.

Clinical Programs

BEHAVIORAL AND GERIATRIC NEUROLOGY

This program provides world-class clinical care to patients with late-life neurodegenerative disorders, especially those producing dementia. We are fully equipped to provide advanced brain imaging, neuropsychological testing, spinal fluid biomarkers, genetic testing and PET imaging to help diagnose difficult cases.

EPILEPSY

Our comprehensive epilepsy program includes a Level 4 Epilepsy Center, one of the few MEG scanners in the world, and a fully established surgical program. The program offers long term video-EEG monitoring through our epilepsy monitoring unit, functional brain imaging, cortical grid monitoring, and WADA testing for surgical evaluation.

MOVEMENT DISORDERS

Individual clinics include the Comprehensive Parkinson Disease Multidisciplinary Clinic, the Huntington Disease Center of Excellence, and the Dystonia and Spasticity Clinic (which includes the Botulinum Toxin Chemodenervation Center). The program provides advanced therapies for movement disorders, including the busiest Deep Brain Stimulation surgery program in the region, performing nearly 100 surgeries a year, and a continuous levodopa infusion pump therapy program.

NEUROCRITICAL CARE

Directed by an experienced neuro-intensivist, this dedicated acute care unit treats critical neurological disorders such as acute stroke, ruptured aneurysms and subarachnoid hemorrhage, brain or spinal cord trauma, seizures and status epilepticus, brain tumors and brain edema, Guillain-Barré syndrome and myasthenia gravis crisis.

NEUROMUSCULAR CARE

The Neuromuscular Program offers state-of-the-art electro-diagnostic and therapeutic options for neuromuscular disorders, including a fully equipped neurophysiology lab with quantitative sensory testing, somatosensory evoked potential studies, and advanced autonomic function testing. Skin, nerve and muscle biopsies are used as diagnostic tools when needed. The program's clinics are certified as centers of excellence by the Muscular Dystrophy Association and the ALS Association.

NEURO-OPHTHALMOLOGY

Our experienced neuro-ophthalmological specialist provide evaluation and treatment of complicated neurological disorders of the eyes with the help of advanced tools such as Ocular Computed Tomography (OCT) scans.

STROKE AND VASCULAR NEUROLOGY

Our nationally accredited primary stroke center, led by Dr. Pierre Fayad, is an annual recipient of the American Heart Association's "Gold-Plus" Award. The center provides comprehensive inpatient and outpatient services with a dedicated stroke service and the only tele-stroke program in the region. Through our tele-stroke program, our subspecialists can provide real-time video evaluation and management of stroke patients in rural hospitals.

MULTIPLE SCLEROSIS

Our program provides comprehensive, state-of-the-art treatment for multiple sclerosis and related demyelinating disorders, and we are leaders in the treatment of advanced MS through our unique and innovative Multiple Sclerosis at Home Access (MAHA) program. Ours is the only multidisciplinary center accredited by the National Multiple Sclerosis Society in the state of Nebraska.

Eligibility and How to Apply

This program is designed for fully-trained international neurologists in active practice who are interested in gaining information about cutting-edge technology and current guidelines and best practices in their area(s) of interest. Applicants will be expected to secure their own visa and prepay required fees upon acceptance. Applicants can submit the following materials to initiate the application process:

- A detailed statement outlining their background, objectives, and goals
- Two or more letters of recommendation
- A letter from their home institution
- Medical school transcript

FOR MORE INFORMATION:

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