

## MOVEMENT DISORDERS FELLOWSHIP PROGRAM

### NEUROSURGERY FACULTY



#### Aviva Abosch, MD, PhD

Dr. Abosch is professor and chair of neurosurgery and holds the Nancy A. Keegan and Donald R. Volte, Jr. Chair of Neurosurgery at the University of Nebraska Medical Center. Her clinical interests include functional and stereotactic surgery, and deep brain stimulation for the treatment of movement disorders—including Parkinson's disease, essential tremor, dystonia, and novel indications. Her research interests include neuromodulation to improve existing therapies and discover new treatments for the movement disorders. She is a past president of the American Society for Stereotactic and Functional Neurosurgery (ASSFN).

#### THE CITY OF OMAHA



Omaha is consistently ranked one of the three best cities to live in the U.S. Our cost of living is well below the national average, and our residents enjoy affordable housing, great public schools, a thriving economy, short commutes, and a low crime rate.

Omaha is also a fun place to live. We have a four-season climate, a thriving indie music scene, great restaurants, and enough cultural, sports, outdoors, and arts and entertainment activities to suit almost any tastes. Omaha is the home of the NCAA College World Series, the world-class Henry Doorly Zoo, the Omaha Performing Arts Holland Center, the Lauritzen Gardens Botanical Center, and numerous parks, trails, museums and theaters.

#### TO APPLY

Applications are accepted through the Movement Disorder Fellowship Match Network, which is administered by the San Francisco Match. Candidates should register at [www.SFMatch.org](http://www.SFMatch.org).

Please note that sites participating in the Movement Disorders Fellowship Match Network are not allowed to offer a position outside the match unless a fellowship position is left unfilled after the match.

Dr. Torres is happy to answer questions about the program, and can be reached at [drtorres@unmc.edu](mailto:drtorres@unmc.edu)

#### DEPARTMENT OF NEUROLOGICAL SCIENCES

# MOVEMENT

# DISORDERS

# FELLOWSHIP

# PROGRAM

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## INFORMATION

The Movement Disorders Fellowship at the University of Nebraska Medical Center (UNMC) provides comprehensive training in all aspects of the subspecialty, including learning phenomenology, clinical care, chemodeneration, deep brain stimulation programming, brain mapping/targeting for deep brain stimulation (DBS) procedures, and intrathecal baclofen pump use. Every year, we welcome one fellow per track into our program to prepare them for independent practice in the subspecialty.

### Fellowship Tracks

Our fellowship duration ranges from one to three years depending on the research component. There are two tracks:

1. Clinical Track Fellowship in Movement Disorders – One year duration. This is geared toward developing clinical skills in movement disorders beyond those achieved during residency. Most of the research activities are replaced by active clinical training.
2. Academic Track Fellowship in Movement Disorders – Two to three years duration. This is geared toward developing clinical, research, and teaching skills in movement disorders. Fellows in this track will not only obtain comprehensive training in all aspects of clinical movement disorders, but they will also develop skills in research and education necessary for their success in an academic environment. The duration of two versus three years will depend upon the research component and career goals of the application. Consideration for inclusion within the faculty at the level of instructor will be given for the third year of training.

### Teaching Team

The team is comprised of seven movement disorders neurologists, one world-renowned neurosurgeon specializing in DBS, one nurse practitioner, three movement disorders case managers (registered nurses trained in DBS programming), three neuropsychologists, two research coordinators trained in DBS and movement disorders patients and scales, and a host of physical therapy and occupational therapy associates.

### Facilities and Patients

The multidisciplinary UNMC Movement Disorders Center is dedicated to providing comprehensive care for all patients with movement disorders. As the only specialized movement disorders program in the state of Nebraska and the largest program in a five-state area, our state-of-the-art clinic welcomes patients not only from across the state and the region, but also from across the country and abroad.

### Structured Curriculum

The Movement Disorders curriculum includes three hours of conferences each week, including formal lectures, journal club, video rounds, research meetings, case conferences, challenging DBS programming discussions, demonstration sessions, and hands-on simulation workshops. This is a team teaching experience. Didactics are not only attended by fellows, but also by the Movement Disorders faculty, nurses, and case managers, as well as interested faculty and trainees from related disciplines.

### What the UNMC Fellowship Offers

- Free nights and weekends, with no call
- A collegial team, nurturing environment, and faculty dedicated to your success
- A structured curriculum with three hours per week of lectures and practical sessions
- State-of-the-art comprehensive multidisciplinary Parkinson's disease center
- Comprehensive Movement Disorders clinic
- Dedicated dystonia, spasticity and chemodeneration clinic
- Huntington Disease Society of America Center of Excellence
- Busy deep brain stimulation program using all approved targets (VIM, STN, and GPi)
- Busy intrathecal baclofen pump center
- A very active magneto-encephalography (MEG) research team
- Faculty are members of the Parkinson's Study Group (PSG) and Huntington's Study Group (HSG) and involved in their clinical trials
- Worldwide leaders in Movement Disorders research
- Multiple research and publishing opportunities
- An extremely supportive administrative, clinical and research staff

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### John Bertoni, MD, PhD



Dr. Bertoni is a professor in the UNMC Department of Neurological Sciences and the director of the Comprehensive Multidisciplinary Parkinson's Disease Clinic. His interests include Parkinson's disease, epidemiology, toxicology, and new clinical therapies. Dr. Bertoni restricts his

practice to the care of patients with Parkinson's disease and participates in several Parkinson's disease-related studies through the Parkinson's Study Group and other organizations.

### Danish Bhatti, MD



Dr. Bhatti is an associate professor in the UNMC Department of Neurological Sciences and associate director of the Movement Disorders Fellowship Program. His interests include Parkinson's disease and deep brain stimulation surgery. Dr. Bhatti evaluates patients

with movement disorders including Parkinson's disease, chorea, dystonia, spasticity, gait abnormalities, and ataxia. He also performs botulinum toxin injections and deep brain stimulation. Currently Dr. Bhatti is involved in several research studies of Parkinson's disease, orthostatic tremor, gait disorders, and handwriting in movement disorders. Dr. Bhatti is the recipient of the UNMC Neurology Residency Program's Most Innovative Teacher Award, as well as the UNMC-wide Impact in Education for Innovative Practices Award for his unique online Movement Disorders teaching course for international neurology residents.

### Amy Hellman, MD



Dr. Hellman is an associate professor in the UNMC Department of Neurological Sciences and she also serves as director of the UNMC Huntington's Disease Center of Excellence and associate program director of the UNMC Neurology Residency Program. Her interests include

Parkinson's disease, chorea, and dystonia. Dr. Hellman evaluates patients with movement disorders including Parkinson's disease, chorea, dystonia, spasticity, gait abnormalities and ataxia. She also performs botulinum toxin injections and deep brain stimulation. Her research interests include Parkinson's disease and Huntington's disease.

### Daniel Murman, MD



Dr. Murman is a professor at UNMC and director of the Memory Disorders & Behavioral Neurology Program. His interests include behavioral, cognitive and geriatric neurology. His research interests include the treatment of neurologic conditions in the aging

population and research focused on Alzheimer's disease, Parkinson's disease, and related neurodegenerative disorders.

### Mara Seier, MD



Dr. Mara Seier is an assistant professor in the UNMC Department of Neurological Sciences. Her interests include Parkinson's disease, botulinum toxin injections, and deep brain stimulation.

### Miguel Situ, MD



Dr. Miguel Situ is joining the UNMC Department of Neurological Sciences as an assistant professor and the director of Inpatient Movement Disorders. His interests include management of Parkinson's disease, botulinum toxin injections for dystonia, and medical education in neurology.

### Diego Torres-Russotto, MD



Dr. Torres is a professor in the UNMC Department of Neurological Sciences and the director of the Movement Disorders Program and the Movement Disorders Fellowship Program. His interests include deep brain stimulation and dystonia. Dr. Torres evaluates patients

with movement disorders including Parkinson's disease, chorea, dystonia, spasticity, gait abnormalities and ataxia. He also performs botulinum toxin injections and deep brain stimulation. His research interests include Parkinson's disease, tremor, orthostatic tremor and dystonia. Dr. Torres is well recognized for his love of teaching. He is the recipient of two UNMC Neurology Residency Program Teacher of the Year Awards, the UNMC Student Senate Distinguished Mentor Award, the UNMC-wide Outstanding Teacher Award, and the Leonard Tow Humanism in Medicine Award.