



Continue Your Training with Us

**CLEVELAND CLINIC NEUROLOGICAL
INSTITUTE OFFERS FELLOWSHIPS
AT CLEVELAND CLINIC NEVADA**

WHY TRAIN IN LAS VEGAS?

Cleveland Clinic Nevada is home to an innovative subspecialty outpatient neurology program in a medically-underserved state. Declaring Nevada a “neurology desert,” the Alzheimer’s Association’s *2022 Alzheimer’s Disease Facts & Figures* report projects that by 2025, the state will have fewer than 10 neurologists per 10,000 residents with dementia, placing us in the bottom 40% nationwide — despite ranking third nationwide for anticipated growth of Alzheimer’s disease and related dementias.

Factor in the impact of Parkinson’s and Huntington’s diseases, ataxia, dystonia and other movement disorders, as well as that of multiple sclerosis and other CNS neuroimmunological disorders, and it is clear Nevada is facing an unprecedented need.

As part of Cleveland Clinic’s Neurological Institute, we are poised to change that trajectory by equipping next generation neurologists with the specialized training to meet these challenges.

COMMITMENT TO EXCELLENCE

- No. 2 hospital in the world in *Newsweek’s World’s Best Hospitals 2023*
- Cleveland Clinic perennially listed among the top 5 hospitals in *U.S. News & World Report’s* annual rankings
- Our neurology/neurosurgery program listed among the top 10 in *U.S. News & World Report’s* annual specialty rankings
- Outcomes published annually: clevelandclinic.org/outcomes

THIS IS YOUR OPPORTUNITY

Whether you’re interested in behavioral neurology and neuropsychiatry, movement disorders or neuroimmunology, we offer access to a high volume of patients representing the full scope of subspecialty conditions. Working weekdays only with no nights, weekends or on-call demands, you’ll have close interaction with highly specialized collaborative clinical services (neurorehabilitation, social work, behavioral health, family caregiver support) and in-house

access to state-of-the art diagnostic disciplines from neuropsychology to neuroimaging.

We share your goal: to ensure you’re prepared for a career as a specialized neurologist in either private practice or an academic setting. Rather than a one-size-fits-all approach to training, we’ll provide hands-on mentoring to hone your clinical skills, while encouraging your interests and aspirations in teaching, administration, writing, public speaking or research.



COMPREHENSIVE SUPPORT & ONSITE RESOURCES

Enjoy a unique and highly collegial work environment that fosters teamwork and shared purpose. To maximize your learning, enjoy rich cross-functional collaboration with colleagues and a wide range of resources, including:

- Brain imaging: 3T MRI, CT/PET, SPECT
- Collaborative care with advanced practice providers
- Physical, occupational, music and speech therapy
- Neuropsychology
- Behavioral health
- Social work
- Education programs
- Daily online outreach and education programs for patients and care partners (clevelandclinic.org/NevadaEvents)

CLINICAL EXPOSURE AND EXPERTISE

You'll see your own patients in clinic with staffing from an attending; review results of imaging, neuropsychology and other diagnostic assessments; and proactively communicate results and plan of care with your attending. As a clinical fellow, you'll master concisely presenting a case, developing a differential diagnosis, establishing a comprehensive treatment plan, learning how to manage available therapies and incorporating multidisciplinary care.

You will also be part of the center's efforts to deliver better health care to underserved ethno-racial and rural populations, who are at higher risk for morbidity from the conditions we treat.

CLINICAL RESEARCH EXCELLENCE

You will find numerous opportunities for investigator-led research, as well as sponsored clinical trials.

Leading the Neurological Institute in annual research revenue, with 1,700 study visits in 2022 and more than 110 research studies since 2009, Cleveland Clinic Nevada has a robust track record of research including:

- Participating in pivotal trials of every MS and Alzheimer disease drug approved since 2009
- Multiple Sclerosis Performance Test (MSPT)/Multiple Sclerosis Partners Advancing Technology and Health Solutions (MSPATHS); only site west of the Mississippi
- Parkinson's Progression Markers Initiative (PPMI) (only site in Nevada)

TEACHING OPPORTUNITIES

Fellows rotate responsibility for leading the case presentation and scientific discussion at our weekly Interdisciplinary Clinical Neuroscience Seminar. Fellows may also speak to professional and lay audiences at Grand Rounds, Lunch and Learn

and CME conferences, and at local academic institutions and healthcare training programs.

College interns, medical students, neurology residents, and physical and occupational therapy students rotate through our clinic, and we encourage our fellows to participate in their education.

COMMUNITY ENGAGEMENT AND LEADERSHIP

During your fellowship, we can connect you to community physicians and neurological practices. Through frequent fundraising, awareness/advocacy, and professional development events, you can establish collaborations with industry, peers, national disease associations and stakeholders relevant to your emergence as an independent neurologist.

Lending your expertise and leadership to advisory boards, advocacy organizations, and outreach events will enhance your career growth and build your reputation.

As a fellow, you can obtain a free membership in the Clark County Medical Society, and become active in their Residents Fellows and Medical Students committee.

PRACTICING AT CLEVELAND CLINIC

With more than 5,500 physician-scientists across a global health system, Cleveland Clinic presents an array of full-time employment opportunities for our graduating fellows.

TRAIN WITH A TEAM OF RECOGNIZED EXPERTS

Cleveland Clinic Nevada's notable designations include:



Only top-10 neurology program in Nevada



Nevada's first and only



Among the first five in the United States



Only Partners in Care program in southern Nevada



Offering the only Ataxia and Huntington's Disease Comprehensive Clinics in Nevada



Selected to participate in national research consortia including ADNI, ALLFTD, DIAGNOSE CTE, and Michael J. Fox Foundation PPMI

NIH FUNDING PAVES THE WAY FOR DISCOVERY

- Nevada's first NIA/NIH Alzheimer's Disease Research Center (NveADRC) to focus on disparities faced by individuals with dementia in rural settings
- NIH R01 to research the ways hormones and stress may influence women's risk for Alzheimer's disease
- NIH RF1 to develop statistical models for using 7 tesla fMRI data to predict individuals at risk for Alzheimer's disease
- Phase 2 NIH grant for Southern Nevada's first Center of Biomedical Research Excellence (COBRE) in collaboration with University of Nevada, Las Vegas

THREE FELLOWSHIP OPTIONS



BEHAVIORAL NEUROLOGY AND NEUROPSYCHIATRY

While dementias are currently incurable, they are certainly not untreatable. As a fellow in Nevada's only UCNS accredited program, you will learn to provide state-of-the-art care and support to patients, easing the suffering experienced by individuals with dementia and those who support them.

Our fellows have a track record of championing meaningful and innovative projects, such as shared medical appointments, research recruitment and resident education.

Learning objectives include:

- Detect and characterize abnormal cognition
- Perform and interpret cognitive screening tests
- Efficiently select and interpret diagnostic testing
 - T1, T2 and susceptibility-weighted MRI
 - Volumetric analysis
 - Neuropsychological evaluation
 - FDG PET
 - Amyloid PET and tau PET
 - CSF analysis
 - Blood-based biomarkers
- Accurately identify the most likely contributions to cognitive decline and dementia in each patient
- Deliver and explain diagnoses and their implications to patients and families
- Optimize pharmacologic and nonpharmacologic management of cognitive disorders
- Select and refer appropriate patients for research and clinical trials
- Properly refer patients and caregivers to educational, therapeutic and support services
- Identify and respond to caregiver stress
- Continuously refine diagnostic and therapeutic skills through reading and presenting scientific literature

LEARN MORE AND APPLY AT
clevelandclinic.org/NVBNNPfellowship



MOVEMENT DISORDERS

As the first movement disorders specialists many Nevadans will see in this medically underresourced state, you'll face both enormous responsibility and opportunity, often delivering a long-awaited nuanced diagnosis, expanded treatment options and rare opportunities to participate in clinical research. The only Parkinson's Foundation Center of Excellence in our state, we are also the most active movement disorders clinical research site and the only in Nevada for many national studies such as PPMI. And we encourage our fellows to dive into research.

In addition to treating an array of movement disorders, we offer the

state's only comprehensive, multi-disciplinary specialized clinics for Huntington's disease and ataxia.

At the first fellowship program for movement disorders in Nevada, you'll see new and established patients requiring expert intervention including botulinum neurotoxin injection, programming for Deep Brain Stimulation (DBS) and titrating for carbidopa/levodopa.

You'll also have the opportunity to participate in a multi-disciplinary team across the Neurological Institute to determine DBS surgery candidacy.

BEYOND OUR CAMPUS

Locally, you may choose to rotate with a practice in the Las Vegas Valley.

You'll have the opportunity to rotate, as part of our curriculum, through our main campus, where you may preview some of the technology advances in our movement disorders field.

The Cleveland Clinic PD Grand Rounds is a monthly online CME educational series for the Neurological Institute at which our fellows are expected to present at least once a year.

LEARN MORE AND APPLY AT
clevelandclinic.org/NVMDfellowship



NEUROIMMUNOLOGY

By choosing to train at the only National Multiple Sclerosis Society (NMSS) Partner in Care in southern Nevada, you'll participate in evaluating and treating individuals with highly complex care needs.

You'll learn to diagnose and manage neuroimmunological disorders including MS, neuromyelitis optica spectrum disorder (NMOSD), myelin oligodendrocyte glycoprotein antibody-associated disorder (MOGAD), other central nervous system (CNS) autoimmune-mediated conditions such as neurosarcoidosis, and rare limbic encephalitides and paraneoplastic disorders. You will gain extensive exposure to addressing MS through disease-modifying therapies, symptomatic treatments, and health and wellness.

Additionally, you'll:

- Learn to acquire and interpret optical coherence tomography (OCT) in the diagnosis and management of neuroimmunological disorders
- Gain experience with performing botulinum toxin injections for MS-related spasticity
- Use and interpret MSPT as part of the global MS PATHS Research Network to shape healthcare delivery in real-time.
- Acquire certification as an EDSS rater, vital for conducting MS research
- Complete a scholarly project

Through training and mentorship with MS neurologists who have led in the NMSS Healthcare Provider Council and now actively participate in the

fellowship committee, you'll have unique networking opportunities and access to a national community of fellowship-trained neuroimmunologists.

BEYOND OUR CAMPUS

You will learn from national specialists by participating in weekly didactics with the Mellen Center for Multiple Sclerosis at Cleveland Clinic's main campus.

In collaboration with community health systems, you may choose to acquire additional training in neuro-ophthalmology, neuroradiology, rheumatology, and physical medicine and rehabilitation.

LEARN MORE AND APPLY AT
clevelandclinic.org/NVMSfellowship



ABOUT THE NEUROLOGICAL INSTITUTE

Cleveland Clinic Neurological Institute is built on an integrated model that enables neurologists, neurosurgeons, psychiatrists, psychologists, physiatrists, and others, to center their group practice on a single neurological disease using a patient-focused approach.

More than 175 full time neurologists in Ohio, Florida, Nevada, London and Abu Dhabi, guide their practice under the core tenets of clinical, education, innovation and research excellence. This focus drives transformational care that elevates standards of delivery and results in excellent outcomes.



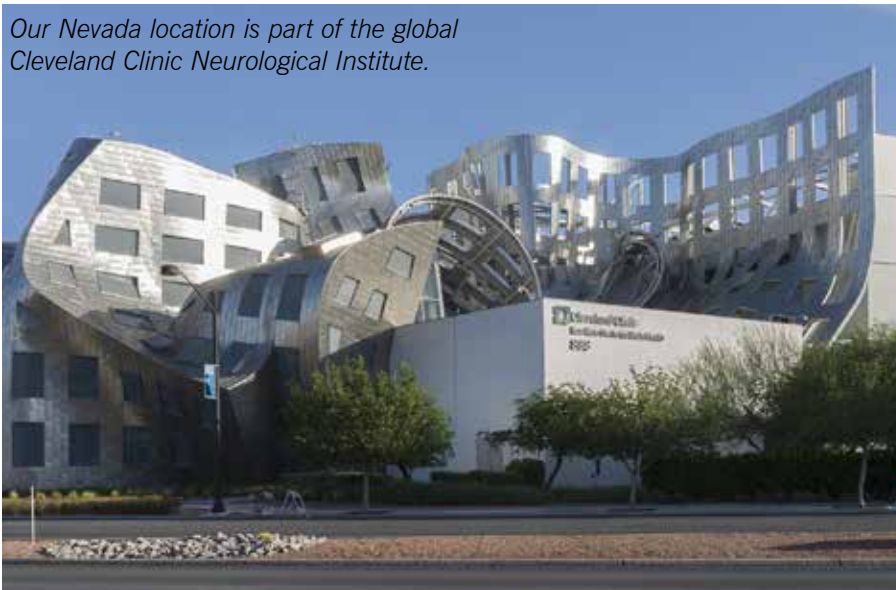
Tomislav Mihaljevic, MD
CEO and President, Cleveland Clinic



Cleveland Clinic's main campus in Cleveland, Ohio.



Andre Machado, MD, PhD
Chairman, Neurological Institute



Our Nevada location is part of the global Cleveland Clinic Neurological Institute.



Dylan Wint, MD
Center Director, Director of Education,
Lou Ruvo Center for Brain Health
at Cleveland Clinic Nevada



PHILANTHROPY POWERS FELLOWSHIPS

“We consider ourselves investors in unrecognized human possibilities, and have been fortunate to witness our gifts change people’s lives. We envision fellows trained at Cleveland Clinic Nevada making a long-term impact on healthcare delivery in our community.”

— Kris Engelstad McGarry, Trustee, The Engelstad Foundation

OUR HISTORY

THE LOU RUVO CENTER FOR BRAIN HEALTH: ARISING FROM EXPERIENCE, NECESSITY AND PASSION

- **By a caregiver, for caregivers:** Envisioned by Las Vegas philanthropist Larry Ruvo and named in honor of his late father, whom he lost to Alzheimer's disease. Larry's experience as a caregiver has shaped our center's approach to holistic patient and family care.
- **A four-prong approach:** World-class patient care, support for families and care partners, innovative clinical research, and specialized education and training.
- **Giving back:** Free community services including caregiver counseling, education, support groups, music therapy, library, respite care and special events.



Larry Ruvo, Chairman and Co-Founder, Keep Memory Alive, our integrated fundraising entity at the Lou Ruvo Center for Brain Health, which gave rise to Cleveland Clinic Nevada

SINCE OPENING IN 2009, WE HAVE:

- Facilitated more than **268,500 patient appointments** with our medical providers. More than **5,428 lives** are currently in our care, with more than **22,524 visits** in 2022
- Grown to **12 physician-scientists**, who have published more than **925 scientific papers** advancing the science of Alzheimer's disease, Parkinson's disease, multiple sclerosis, neuropsychology, brain trauma and clinical trials
- Conducted clinical trials leading to **7 FDA approvals:** 5 for multiple sclerosis (ocrelizumab, siponimod, ozanimod, ofatumumab and ublituximab) and 2 for Alzheimer's disease (aducanumab, lecanemab).
- Hosted more than **92,500 visits to our no-cost caregiver and community educational, therapeutic and support services**
- Provided more than **105,100 hours of education** to 690 students and trainees from kindergarteners to subspecialty fellows
- Delivered **70 live continuing medical education conferences for 5,545 live attendees**, with an additional 7,286 online views
- Expanded graduate medical education (GME) in Nevada, training **6 full-time Cleveland Clinic fellows** and hosting **45 students and trainees** in 2022
- Held more than **231 community outreach education events** that have led to more than **3,157 individuals being screened and referred to research studies** across Cleveland Clinic
- Launched the nation's first and only **Women's Alzheimer's Movement Prevention Center** at Cleveland Clinic
- Enrolled more than **1,000 professional fighters** in a research study assessing the longitudinal impact of repeated head injury and secured research funding from top professional sports organizations
- **Convened the Professional Sports Brain Health Coalition** to advance brain safety for those exposed to head impact in sports and across society



LIVING IN LAS VEGAS

Help make Las Vegas a place where good medicine is contagious. Enjoy the benefits of being a local, from discounts on show tickets to visits from friends who come to town for conferences or vacations. Enjoy the burgeoning arts community on First Fridays or take in the Broadway Series at the Smith Center for the Performing Arts. Hike at the Valley of Fire, or dine and play at a "locals casino." Meet the next celebrity chef at a yet-to-be discovered restaurant, or learn aerial yoga from a Las Vegas performer. Water sports at Lake Mead and snow skiing at Mt. Charleston are less than an hour away.



CONTACT US

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