

# Lou Ruvo Center for Brain Health

IN PERSON AND VIRTUAL APPOINTMENTS AVAILABLE SAME WEEK

## The Patient Journey

### 1

**INITIAL VISIT** Get to know our medical team.



Patients and families are

staff and accompanied to

the patient check-in area.

welcomed by our volunteer

WELCOME



**CHECK-IN** Our Patient Service Specialists notify the provider that the patient has arrived and arrange for an escort upstairs to our clinic.

#### ELECTRONIC MEDICAL RECORD

We greet the patient and present an electronic questionnaire. Through MyChart, a secure Web portal, patients and authorized caregivers may access their health records 24/7 via the Internet.



#### IMAGING

State-of-the-art imaging, including a 3-Tesla MRI and PET/CT, provides additional diagnostic certainty.

2 TESTING & DIAGNOSIS Our neurologists work together to make a diagnosis, drawing on the skills of complementary fields as needed.



### 3 ONGOING CARE

Our team assesses the full range of patient needs, from physical to psychological. Depending on those individual needs, a patient will be referred to appropriate services.

#### **GROUP EXERCISE**

Conducted by board-certified physical and occupational therapists, our classes build core strength, flexibility, aerobic fitness and camaraderie among patients.





**NEUROREHABILITATION** Our physical, occupational and speech therapy programs are tailored to those experiencing the effects of brain disorders.

#### 4 DEVELOPING NEW TREATMENTS: YOU CAN HELP



#### **CLINICAL TRIALS**

Clinical trials are the only way to find a cure or new treatments for current or future generations. We encourage participation not only by patients but also by friends and family, because healthy volunteers with normal memory and thinking ability are the most difficult group for us to find. We have conducted 70 trials since 2009.

Learn more: 855.LOU.RUVO or clevelandclinic.org/NevadaResearch

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#### DOCTOR

A board-certified subspecialty trained neurologist evaluates the patient, providing a thorough examination and ordering additional evaluations as necessary to establish a diagnosis.



INTRODUCTION TO MEDICAL TEAM The neurologist introduces the patient to key collaborators on the medical team.

#### LYNNE RUFFIN-SMITH LIBRARY Need information on brain diseases?

Need information on brain diseases? We have librarians who can help and more than 1,500 books, as well as an e-Library.





#### NEUROPSYCHOLOGY

Our neuropsychologists assess thinking and memory, which can aid in diagnosis.



#### DOCTOR

The neurologist again meets with the patient, delivering a diagnosis, recommending a treatment plan and facilitating an introduction to the medical team comprising advanced practice providers, nurses and medical assistants.



Our licensed pharmacist collaborates with the medical team to consult on medication management and interactions.



#### INDIVIDUAL & FAMILY SERVICES

A diagnosis of a brain disorder is life-changing for both the patient and the family. No-cost social support services and education help families maximize quality of life in the face of new challenges.



**HEALTHY BRAINS INITIATIVE** Learn about the 6 Pillars of Brain Health, get a free brain health check-up and volunteer to participate in clinical trials. HealthyBrains.org





#### HEALTH PSYCHOLOGY

Our clinical health psychologist helps patients reflect on how daily habits, career, and family challenges — layered on top of the diagnosis of a neurological disorder — can affect overall health and wellness.

#### VOLUNTEERING Our volunteers

demonstrate the power of a smile, a kind word, an attentive ear and the simple act of caring with each of their interactions. Join our team in providing world-class care: keepmemoryalive.org/volunteer



#### GRATEFUL PATIENT PROGRAM

Did you know Cleveland Clinic Lou Ruvo Center for Brain Health is a nonprofit? By making a gift, you can amplify our lifechanging efforts to improve patient care and achieve research breakthroughs. DonateNevada@ccf.org or 702.263.9797.

### Patients First

We specialize in collaborative care and are pleased to provide patients with a second opinion, participation in clinical trials, and access to our no-cost patient and family services.

Cleveland Clinic Lou Ruvo Center for Brain Health provides a complete continuum of world-class care for individuals with Alzheimer's, Huntington's and Parkinson's disease; frontotemporal dementia (FTD); Lewy Body dementia (LBD); multiple system atrophy (MSA); and multiple sclerosis (MS). "Patients first" is our guiding principle. We take a team approach to patient care, with physicians, advanced practice clinicians and nurses working in an integrated fashion.

#### Patient services available at the Lou Ruvo Center for Brain Health include:

- Diagnostic evaluation and care
- Memory testing and neuropsychological testing
- Brain imaging
- Pharmacy
- Physical, occupational and speech therapy
- Infusion therapy
- Clinical trials
- Patient and family support services and education
- Referral to other specialty services throughout the Cleveland Clinic health system

#### Diagnosis

#### NEUROPSYCHOLOGY

Our neuropsychologists' highly specialized clinical training focuses on evaluating the relationship between the brain and behavior. Assessing exactly what has gone wrong with memory can be a very useful tool for both patients and their physicians and can have a direct impact on treatment planning.



#### IMAGING: WINDOWS ON THE BRAIN

Brain imaging is a key component of the care we provide at Cleveland Clinic Lou Ruvo Center for Brain Health. Our physicians use state-of-the-art imaging technologies (MRI, PET/CT) and expert interpretations to help them diagnose diseases, manage treatment and, increasingly, to understand who is at risk of developing serious brain disorders.

Our PET scan demonstrates the metabolic and molecular function of the body, while the CT scan provides information about the body's anatomy such as size, shape and location. Our PET is available for use in oncology, while for the brain, we have available the recently FDA-approved amyloid imaging agent, Amyvid<sup>™</sup>, in addition to glucose metabolic scanning (FDG).



Our 3-Tesla MRI remains among the fastest and most powerful MRIs available in Nevada for clinical use. Its shorter, wider opening makes the unit more comfortable for people who are claustrophobic in typical MRI machines.

All images acquired by MRI, CT or PET at the Lou Ruvo Center for Brain Health are interpreted within 24 hours by board-certified, fellowship-trained subspecialty neuroradiologists from Cleveland Clinic Imaging Institute.

#### **Ongoing Care**

#### NEUROREHABILITATION: PHYSICAL, OCCUPATIONAL, AND SPEECH THERAPY

At the Lou Ruvo Center for Brain Health, our board-certified specialists use cutting-edge technology and customized exercises during one-on-one treatment sessions. Our physical and occupational therapy programs are specifically tailored to the needs of those experiencing the effects of brain disorders. By incorporating patients' interests and hobbies, we work to increase our patients' mobility and agility while decreasing fatigue and falls. Our goal is to apply research findings, provide expert care to patients and their caregivers, and empower patients to live independently as long as possible.

Speech therapy addresses communication limitations (speech, language, voice and cognition) and swallowing disorders. Our board certified speech therapist works one-on-one with patients, evaluating each individual's specific needs.



#### Social Services

### SUPPORTING THE NEEDS OF CARE PARTNERS



Here at Cleveland Clinic Lou Ruvo Center for Brain Health, we hear over and over again, "I was surprised to discover I had become a caregiver."

Many individuals with a brain disorder need help with daily activities and interactions. If you're close to someone in this situation, in some way your own life and responsibilities are also being affected — physically, emotionally, socially or economically. The most effective care partners are well-informed and use help and support from all available resources to ensure they don't sacrifice their own well-being during their caregiving journey. We're here to help as you strive to find a new sense of balance and as you learn to manage different stressors while maximizing quality of life in the face of the new challenges and opportunities caregiving presents. Unanticipated as it might have been, the good news is that many find joy and fulfillment in continuing to care for their loved ones.

Visit clevelandclinic.org/Nevadaevents to see a full calendar of the no-cost caregiver education and support programs offered at the Lou Ruvo Center for Brain Health.

#### Clinical Trials & Research

The Lou Ruvo Center for Brain Health's clinical trials program is among the largest in the country for Alzheimer's disease. We have conducted more than 70 trials in Parkinson's disease, MS, Alzheimer's disease, memory decline and normal cognition. Additionally, we offer investigator-led studies, including a study of repeated head trauma in active and retired professional fighters. We offer opportunities to participate in research regardless of where individuals receive neurological care.

#### WHAT ARE CLINICAL TRIALS?

• Clinical trials are research studies conducted on people to determine whether treatments are safe and effective.

- There are many types of clinical trials spanning treatment, diagnosis, prevention, screening, observation and quality of life.
- Clinical trials are a required step toward FDA approval of new drugs, and thus are the only way to find new treatments or a cure for brain disease.

#### WHY SHOULD I GET INVOLVED?

- To contribute to the effort of finding more effective treatments for neurological disease
- To gain access to potential treatments before they are widely available



#### BE A HERO

Your participation in clinical trials could make a difference for your family and your community. More information on clinical trials is available at 855.LOU.RUVO and at clevelandclinic.org/NevadaResearch.

#### **OUR PEOPLE**

#### NEUROLOGY

#### Marwan Noel Sabbagh, MD, FAAN

Camille and Larry Ruvo Chair for Brain Health Director, Cleveland Clinic Lou Ruvo Center for Brain Health



Dr. Marwan Sabbagh, a board certified geriatric neurologist, has dedicated his career to finding a cure for Alzheimer's. Dr. Sabbagh is a leading investigator for many prominent national Alzheimer's prevention

and treatment trials and has published more than 300 peer-reviewed articles. He earned his medical degree from the University of Arizona in Tucson, and received his residency training in neurology at Baylor College of Medicine and his fellowship in geriatric neurology and dementia at the University of California, San Diego. Dr. Sabbagh was with the Banner Sun Health Research Institute and subsequently Barrow Neurological Institute prior to joining Cleveland Clinic in 2018.

#### Jeffrey Cummings, MD, ScD

Director, Center for Neurodegeneration and Translational Neuroscience

Director Emeritus, Cleveland Clinic Lou Ruvo Center for Brain Health Professor, Cleveland Clinic Lerner

College of Medicine



Ranked the sixth-most prolific Alzheimer's researcher by the *Journal of Alzheimer's Disease*, Dr. Jeffrey Cummings is the author of 43 books and 760 peer-reviewed articles. He is a respected clinician, a

neuroscientist with expertise in clinical trials and drug development, and a forward-thinking strategist concerning how to deliver optimal care to the growing number of patients with neurodegenerative disorders. He has expertise in clinical trial design and analysis, global trial implementation and trial outcome measures, and has been recognized with the Alzheimer's Association Research Award.

#### Carrie M. Hersh, DO, MSc

Staff Neurologist, Cleveland Clinic Mellen Program for MS at the Lou Ruvo Center for Brain Health, Las Vegas

Assistant Director, MS Wellness Program



Dr. Carrie Hersh completed her neuroimmunology fellowship and adult neurology residency at Cleveland Clinic and a master's degree in clinical research at Case Western Reserve University.

She graduated with honors from Nova Southeastern University College of Osteopathic Medicine and is a member of Phi Beta Kappa. Dr. Hersh is particularly interested in outcomes-based research for MS therapeutics, health and wellness, and is a lead investigator for multiple MS studies and clinical trials.

#### Le Hua, MD

Director, Cleveland Clinic Mellen Program for MS at the Lou Ruvo Center for Brain Health, Las Vegas Sheila and Eric Samson Chair for

Multiple Sclerosis Research



Dr. Le Hua earned her MD at Keck School of Medicine at the University of Southern California. Subsequently, she completed her internship at Banner Good Samaritan Medical Center in Phoenix and

her neurology residency at Stanford University School of Medicine. She went on to complete a clinical fellowship in euro-immunology and MS at the Barrow Neurological Institute and St. Joseph's Hospital and Medical Center in Phoenix. Dr. Hua is involved in clinical trials assessing new therapies for the treatment of MS and her research interests include using advanced MRI techniques to study MS and neurological disorders, as well as aging and cognition in MS.

#### Zoltan Mari, MD, FAAN

Director, Parkinson's and Movement Disorder Program

Ruvo Family Chair



Dr. Zoltan Mari is a board-certified neurologist fellowship-trained in movement disorders at the National Institutes of Health. He is an internationally recognized Parkinson and movement

disorder specialist, who directed the Johns Hopkins Movement Disorder Center before joining Cleveland Clinic. Dr. Mari has authored 100 peer-reviewed articles and serves in multiple leadership roles in international Parkinson and movement disorder journals and professional organizations. He is co-director of the Cleveland Clinic Parkinson's Foundation Center of Excellence.

#### Jenny Nguyen, MSN, APRN, FNP-C

Nurse Practitioner, Movement Disorders Team



Jenny Nguyen is a boardcertified family nurse practitioner. She received her Bachelor of Science in nursing from Roseman University of Health Sciences in 2013 and received her

Master of Science in nursing — family nurse practitioner from the George Washington University in 2017.

#### Odinachi Oguh, MD

Staff Neurologist, Movement Disorders Team



Dr. Odinachi Oguh is a board certified movement disorder neurologist. She graduated summa cum laude from her medical school, finished her neurology residency at the University of Illinois and a

post graduate movement disorder fellowship at Northwestern University. Prior to joining Cleveland Clinic in 2019, she spearheaded the Movement Disorders Program at the University of Florida, focusing on clinical research programs, deep brain stimulation pre-surgical evaluation, Botox management and community outreach. Dr. Oguh's research interests lie in novel drug targets for Parkinson's disease.

#### **David Oliphant, PA-C**

Physician Assistant, Multiple Sclerosis Team



David Oliphant earned his Bachelor of Science summa cum laude from Austin Peay State University in 2007 and received a Master of Science in physician assistant studies from the University

of Kentucky in 2011. Mr. Oliphant moved to Las Vegas from Indianapolis, where he practiced in a hospital-based neurosurgical group.

#### Kelly Papesh, DNP

Manager, Advanced Practice Providers Nurse Practitioner, Movement Disorders Team



Dr. Kelly Papesh earned her Doctorate in Nursing Practice and is a certified family nurse practitioner who manages patients with Parkinson's disease, tremor, Huntington's disease, and ataxia among

other movement disorders. She has skilled training in management of advanced procedures such as botulinum toxin injections, deep brain stimulation and Duopa. Dr. Papesh is a member of the Movement Disorders Society and American Academy of Neurology.

#### Aaron Ritter, MD

Staff Physician, Cognitive Disorders Team



Dr. Aaron Ritter received his Bachelor of Arts at the University of Wisconsin-Madison and obtained his medical degree from the University of Colorado. He completed an internship

in pediatrics and residency training in psychiatry at the University of Arizona in Tucson, followed by a two year fellowship in Behavioral Neurology and Neuropsychiatry at the Cleveland Clinic. His research interests include advancing treatment of neurodegenerative diseases and studying the effects of repetitive head trauma from sports.

#### Simrit Kaur Saraon, MSN, APRN, DNP

Nurse Practitioner, Cognitive Disorders Team



Simrit Saraon is a board-certified family nurse practitioner. She earned her bachelor's degree in general science, education and nursing. She has been an educator for 11 years and a registered nurse

working with patients with Alzheimer's and other dementias for five years. Dr. Saraon completed both her Master of Science and doctorate in nursing at from Duke University.

#### Jiong Shi, MD, PhD, FAAN

Director, Clinical Trials Program Normal Pressure Hydrocephalus and Clinical Dementia Specialist Cognitive Disorders Team



Dr. Shi is a board certified neurologist specialized in dementia and other cognitive disorders. He completed his residency and fellowship at University Hospitals of Cleveland and earned a

doctorate in pharmacodynamics at University of Florida. Dr. Shi focuses his research on finding novel biomarkers and therapeutic agents for Alzheimer's disease and has published more than 70 peer-reviewed papers. He was with Barrow Neurological Institute prior to joining Cleveland Clinic in May 2020.

#### Maileen Ulep-Reed, MSN, APRN, FNP-BC Nurse Practitioner,

Cognitive Disorders Team



The American Association of Nurse Practitioners awarded Maileen Ulep-Reed with the prestigious NP State Award for Excellence for Nevada in 2018. She graduated *cum laude* with her BS in nursing and a minor

in anthropology; MS in nursing, family nurse practitioner; and post-master's certificate in nursing education, all from the University of Nevada Las Vegas, where she is currently pursuing a PhD. Her research seeks to better understand the impact of neurodegenerative disorders on language.

#### Dylan Wint, MD

Las Vegas Legacy Neuroscience Education Chair Director, Education Director, Clinical Operations Cognitive Disorders Team



Dr. Dylan Wint is board certified in neurology and psychiatry. He was educated at Stanford, University of Miami, University of Florida and the National Institutes of Health.

#### NEUROPSYCHOLOGY/PSYCHOLOGY

#### Jessica Z.K. Caldwell, PhD, ABPP/CN

Director, Neuropsychology Training Director, Women's Alzheimer's Movement Prevention Center at Cleveland Clinic



Dr. Jessica Caldwell is a clinical psychologist specializing in neuropsychology. Her graduate training at the University of Wisconsin-Madison focused on behavioral correlates of function and structure of medial

temporal lobe brain regions. She completed an internship at Harvard Medical School and fellowship at Brown University. Her research interests include sex differences in Alzheimer's disease, brain imaging data quality and Alzheimer's disease prevention.

#### Lucille Carriere, PhD

Staff Health Psychologist Angie Ruvo Endowed Caregiving Chair



Dr. Lucille Carriere is a clinical psychologist specializing in health psychology. She completed her graduate training at Auburn University, an internship through Vanderbilt University and the Veterans

Affairs Medical Center in Nashville, TN, and a fellowship at the Cleveland Clinic Mellen Center for Multiple Sclerosis. Prior to joining the Lou Ruvo Center for Brain Health, she worked in geriatric primary care and provided psychotherapy for individuals and caregivers living with neurodegenerative disorders and complex medical conditions. She is interested in outcomes research related to caregivers.

#### Justin B. Miller, PhD, ABPP/CN Director, Neuropsychology



Dr. Justin Miller is a clinical psychologist with specialization in neuropsychology and rehabilitation. His graduate training at Wayne State University in Detroit focused on recovery of function following

neurological injury. He completed his internship and fellowship at the UCLA Semel Institute for Neuroscience and Human Behavior, where he worked with a complex neurological population including movement disorder, brain tumor, epilepsy and neurodegenerative disease patients.

#### Christina G. Wong, PhD

Staff Neuropsychologist



Dr. Christina Wong earned her doctorate in clinical psychology, with specialization in neuropsychology, at Wayne State University. She completed her internship and fellowship at UCSD/VA San Diego where she

focused on assessment of neurodegenerative disorders including Alzheimer's disease, movement disorders, and vascular dementia in individuals with co-occurring medical and psychiatric conditions. Her research interests include early detection of cognitive disorders.

#### NEUROREHABILITATION: PHYSICAL, OCCUPATIONAL AND SPEECH THERAPY

Leah Fisher, MA, CCC-SLP, MSCS Speech-Language Pathologist



Leah Fisher received her undergraduate degree in speech pathology from the University of Louisiana-Lafayette and a master's degree in communication disorders from Louisiana

State University. Ms. Fisher has worked with a variety of communication, voice, cognitive and swallowing disorders. She is Lee Silverman Voice Therapy (LSVT) Loud certified as well as a SPEAK OUT!<sup>™</sup> certified provider. She is also a Multiple Sclerosis Certified Specialist (MSCS) for speech pathology.

#### Jason Longhurst, PT, DPT, NCS, MSCS, CDP Physical Therapist



Dr. Jason Longhurst is a board-certified neurologic clinical specialist. He received his bachelor's degree in exercise science from Brigham Young University and his doctorate in physical therapy

from the University of Nevada, Las Vegas. Dr. Longhurst has completed advanced training in the management of Parkinson's disease, multiple sclerosis, cognitive dysfunctions and vestibular disorders, and is conducting research on neurodegenerative disorders to further the knowledge base of the physical therapy profession.

#### Trevor Mahoney, PT, DPT, MSCS, CDP

Physical Therapist



Dr. Trevor Mahoney received a bachelor's degree in human movement science from Utah State University and a doctorate in physical therapy from the University of Nevada, Las Vegas. He has completed

advanced training in the management of Parkinson's disease, multiple sclerosis, dementia and balance, including certification as a Tai Ji Quan: Moving for Better Balance instructor.

#### Madisen Mendez, MOT, OTR/L, MSCS, CDP Occupational Therapist



Madisen Mendez received her bachelor's degree in Fitness Management from Purdue University Calumet in Northwest Indiana and a master's degree in occupational therapy from

Governors State University. Ms. Mendez previously worked in a geriatric setting providing care for patients with a variety of diagnoses, however, her passion to specialize in neurodegenerative disorders led her to the Cleveland Clinic.

#### Shaina Meyer, OTR/L, MSCS, CDP

Manager, Rehabilitation Services



Shaina Meyer received her bachelor's degree in psychology with an emphasis in biology from Westminster College in Missouri and a master's degree in occupational

therapy from St. Louis University. While at the Lou Ruvo Center for Brain Health, Ms. Meyer has become a Parkinson's Wellness Recovery (PWR!)-certified therapist, Multiple Sclerosis-Certified Specialist and Certified Dementia Practitioner, and has spoken at the Neurotherapeutics for Rehabilitation course.

#### Matthew Plourde, PTA, CDP

Physical Therapist Assistant



Matthew Plourde earned his Associate of Applied Science at the College of Southern Nevada. He has been an active practicing board-certified PTA in the Las Vegas Valley

for more than 20 years, with extensive background in orthopedic physical therapy rehabilitation. Since joining Cleveland Clinic in 2015, Mr. Plourde has continued his studies in neurological disease processes and has become a Parkinson Wellness Recovery (PWR!)certified therapist.

#### Christy Ross, PT, DPT, GCS, MSCS, CDP Physical Therapist, CDP



Dr. Christy Ross is a board-certified geriatric clinical specialist in physical therapy. She completed her doctorate in physical therapy at Creighton

University and a postdoctoral geriatric residency program at the University of Delaware. Dr. Ross continued her studies from the University of Michigan in Advanced Clinical Dementia Practice. She has specialized training in Parkinson's disease, is a Multiple Sclerosis Certified Specialist, and is a Certified Dementia Practitioner.

#### SOCIAL WORK Ruth A. Almén, LCSW

Clinical Manager, Social Work Services



Ruth Almén received her Bachelor of Arts in psychology from Wittenberg University in Ohio and her master's degree in social work from Temple University. She has extensive experience with nonprofit social

service agencies, community collaboration and program development. Ms. Almén co-facilitates support groups, works directly with individuals and families, and collaborates with local agencies.

#### Sandy Chapman, LSW, MSCS

Case Manager



Sandra Chapman received her bachelor's degree in social work *summa cum laude* from Northern Michigan University. Ms. Chapman worked in family dynamics, case management and regional substance abuse

services in the Upper Peninsula of Michigan; her outreach team has been nationally recognized for successful outcomes. At the Lou Ruvo Center for Brain Health, Ms. Chapman coordinates the Major José M. Fajardo Patient Services program serving patients diagnosed with multiple sclerosis.

#### Michelle Pester, MSW, LSW, ACHP-SW Case Manager



Prior to completing her Master of Social Work at the University of Nevada, Las Vegas, Michelle Pester graduated with a Bachelor of Arts in psychology at Hawaii Pacific University. She also has

additional training in Hospice and Palliative Care. Ms. Pester is retired from the Army.

#### Alysson Thewes, LCSW

Clinical Social Worker



Alysson Thewes earned her Bachelor of Social Work (2009) and Master of Social Work (2011) at the University of Nevada, Las Vegas. Certified in equine assisted psychotherapy, she obtained

her clinical licensure while practicing at an inpatient psychiatric facility in Oregon. Ms. Thewes currently provides counseling to patients and caregivers at the Lou Ruvo Center for Brain Health.

#### Becky Wellman, PhD, LPMT, MT-BC Music Therapist



Dr. Becky Wellman holds a Bachelor of Arts from Hiram College, a Master of Music from Ohio University, and a PhD from Capella University. She is a Music Therapy Fellow, a Certified Dementia Practitioner,

and is adjunct instructor of Human Services specializing in elder studies at Ivy Tech Community College of Indiana.

### Contact Us

Cleveland Clinic Lou Ruvo Center for Brain Health 888 West Bonneville Avenue, Las Vegas, NV 89106

To schedule an appointment, call 702.483.6000

For information on clinical trials, contact **855.LOU.RUVO** or visit **clevelandclinic.org/NevadaResearch** 

For a list of no-cost education, therapeutic and support programs, visit **clevelandclinic.org/NevadaEvents** 

To support our work, please contact **702.263.9797** or **DonateNevada@ccf.org** 

To learn more about our center, visit clevelandclinic.org/Nevada or keepmemoryalive.org



#### About Us

#### **Cleveland Clinic**

Cleveland Clinic is a nonprofit multispecialty academic medical center that integrates clinical and hospital care with research and education. Located in Cleveland, Ohio, it was founded in 1921 by four renowned physicians with a vision of providing outstanding patient care based upon the principles of cooperation, compassion and innovation. Cleveland Clinic has pioneered many medical breakthroughs, including coronary artery bypass surgery and the first face transplant in the United States. U.S. News & World Report consistently names Cleveland Clinic as one of the nation's best hospitals in its annual "America's Best Hospitals" survey. Among Cleveland Clinic's 67,554 employees worldwide are more than 4,520 salaried physicians and researchers, and 17,000 registered nurses and advanced practice providers, representing 140 medical specialties and subspecialties. Cleveland Clinic is a 6,026-bed health system that includes a 165-acre main campus near downtown Cleveland, 18 hospitals, more than 220 outpatient facilities, and locations in southeast Florida: Las Vegas, Nevada: Toronto, Canada: Abu Dhabi, UAE; and London, England. In 2019, there were 9.8 million total outpatient visits, 309,000 hospital admissions and observations, and 255,000 surgical cases throughout Cleveland Clinic's health system. Patients came for treatment from every state and 185 countries.

#### **Cleveland Clinic Lou Ruvo Center for Brain Health**

Cleveland Clinic Lou Ruvo Center for Brain Health, which opened in 2009, provides expert diagnosis and treatment for individuals and families living with Alzheimer's disease, Lewy body, frontotemporal and other dementias; Parkinson's and Huntington's disease, multiple system atrophy and other movement disorders; and multiple sclerosis. With locations in Cleveland, OH; Weston, Florida and headquarters in Las Vegas, Nevada, the center offers a continuum of care with no-cost opportunities for the community to participate in education and research, including disease prevention studies and clinical trials of promising new medications. An integrated entity, Keep Memory Alive, raises funds exclusively in support of the Nevada location. clevelandclinic.org/Nevada.

### Cleveland Clinic

Every life deserves world class care.



Keep Memory Alive Event Center From the mind of world-renowned architect Frank Gehry, the breathtaking Keep Memory Alive Event Center is as iconic as it is unique. The event center is available for rent by the public, and a portion of revenue generated supports the Lou Ruvo Center for Brain Health. KMAEventCenterLasVegas.com or 702.263.9797.

#### **Keep Memory Alive**

100% of funds raised by Keep Memory Alive support the Lou Ruvo Center for Brain Health's work in advancing brain science for the benefit of our community. NV Energy supports our education programs. You, too, can help us foster a brain span that matches our lifespan. keepmemoryalive.org

#### Join Our Table

Love celebrity chefs and good food? Like to eat well and do good? If you're not already receiving information about Keep Memory Alive's events that are filled with food, fun and feel-good, please contact us and join our mailing list. Learn more about the purpose behind the party. 702.263.9797 or specialevents@keepmemoryalive.org