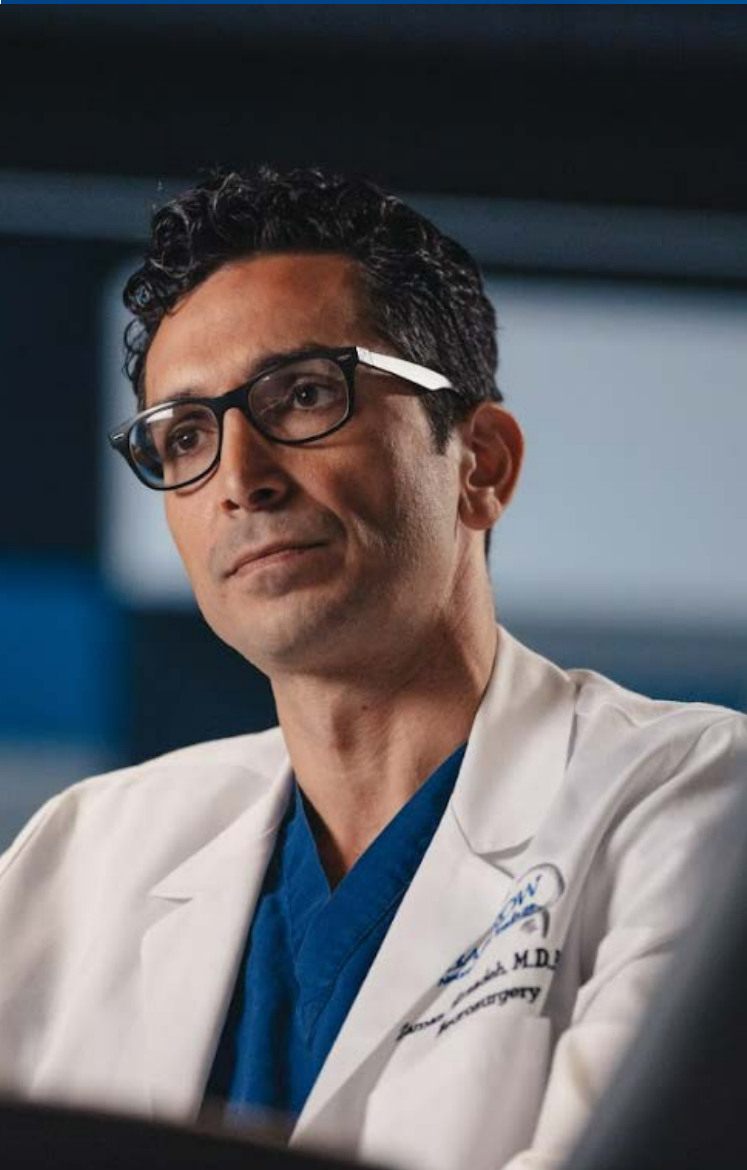


# Women's Board of Barrow Neurological Foundation



Zaman Mirzadeh, MD, PhD, is a neurosurgeon-scientist at Barrow whose research focuses on paving the way for brain-based solutions to normalize blood sugar levels in both type 1 and type 2 diabetes.

The Women's Board of Barrow Neurological Foundation believes that an investment in research at Barrow is an investment in a safe and healthy future. Since 1965, the Women's Board has supported Barrow Neurological Institute by raising funds to advance research in the neurosciences. Now, more than 50 years after the founding of the Women's Board, their iconic Barrow Grand Ball attracts business and philanthropic leaders across the Southwest. To date, the Women's Board has raised more than \$93 million to ensure continued curative research for the most debilitating neurological conditions.

The Women's Board raised a record-breaking \$10.4 million for the Institute through the 2022 Barrow Grand Ball. Championed by 2021–22 Chairman Carrie Hall and co-chaired by members Jacquie Dorrance and Katie Mueller, who inspired members and donors during unprecedented times, the Ball reflected the longstanding commitment of the Women's Board to advancing neurological research. The Grand Ball committee selected the innovative research of Zaman Mirzadeh, MD, PhD, as its special project for the 2022 Ball. Dr. Mirzadeh is investigating brain-based approaches to controlling blood sugar that have the potential to pave the way for new, groundbreaking therapies for those battling type 1 and type 2 diabetes.



life-saving  
programs



million  
raised



individual  
donors

### **WOMEN'S BOARD SPECIAL PROJECT: DIABETES RESEARCH** Donors contributed \$572,563

For his type 2 diabetes study, Dr. Mirzadeh implanted a spinal cord stimulator in the first patient ever to use the device for the treatment of diabetes. He is also actively conducting preclinical trials to submit to the FDA for his type 1 diabetes study.

### **ALZHEIMER'S AND MEMORY DISORDERS PROGRAM** Donors contributed \$540,000

Dr. Burke and Dr. Sabbagh were investigators in the first-ever study of an anti-Abeta vaccine for people living with Down syndrome with Alzheimer's. Initial results of this landmark study were very promising.

### **BARROW ANEURYSM AND AVM RESEARCH CENTER** Donors raised \$237,500

Scientists have continued to utilize unique preclinical models to identify and test potential drug targets for a medication-based approach to preventing aneurysm and AVM ruptures.

### **BARROW CENTER FOR NEURO-ENTREPRENEURSHIP** Donors contributed \$1,100,000

Important seed funding has been provided to bring top-tier scientists, surgeons, and physicians to Barrow. This will help Barrow strengthen recruitment and expand its global footprint.

### **BARROW CONCUSSION AND BRAIN INJURY CENTER** Donors contributed \$130,000

The Center's Domestic Violence Brain Injury Program is the only one of its kind in the Southwest and was featured prominently in an article in the *New York Times Magazine* this past year.

### **CENTER FOR TRANSITIONAL NEURO-REHABILITATION (CTN)** Donors contributed \$75,000

The Center developed a database to help analyze the effect of cognitive retraining on the process of returning to driving for patients with acquired brain injuries.

### **EDUCATION AT BARROW** Donors contributed raised \$137,000

Barrow provided 16 high school and 28 undergraduate students the opportunity to learn about neuroscience and gain hands-on experience under the mentorship of a Barrow expert.

### **ELLEN & HOWARD KATZ CHAIR OF NEUROIMAGING RESEARCH** Donors contributed \$1,050,000

The Katz's generously endowed the chair for the Neuroimaging Innovation Center and donors contributed to research aiming to advance imaging to measure the molecular, cellular, and metabolic properties of brain pathology.

### **ELLER TELEPRESENCE ROOM** Donors contributed \$150,000

New technological updates made it possible to launch the second season of Barrow Base Camp, a virtual neurosurgical training series for residents and fellows

### **EPILEPSY PROGRAM** Donors contributed \$100,000

The Program has been enrolling patients in its high-density EEG study, which aims to pinpoint the exact location where seizures begin in order to provide better surgery outcomes.

### **IVY BRAIN TUMOR CENTER** Donors contributed \$2,102,500

The Ivy Center has been investigating a series of new drugs that have the potential to enhance the efficacy of radiation treatment for malignant brain tumors and provide better biological outcomes for patients.

### **LEWIS HEADACHE CENTER** Donors contributed \$425,000

Thanks to a generous gift from Jan and Tom Lewis, the Center will be able to increase clinical trials and expand its wellness program to provide multifaceted headache care.

### **MUHAMMAD ALI PARKINSON CENTER** Donors contributed \$127,000

The Center is currently participating in a large, multicenter clinical trial for a new treatment to aid patients with moderate to severe essential tremor.

### **MULTIPLE SCLEROSIS PROGRAM - NEUROIMMUNOLOGY** Donors contributed \$127,000

Barrow was approved as a member site for a multicenter clinical trial for NMDA receptor encephalitis, a type on encephalitis that causes severe physical and psychological symptoms.

### **NEUROSCIENCE NURSING** Donors contributed \$50,000

In addition to providing care, Barrow nurses create and implement quality improvement research and projects, disseminating their findings to other nurses throughout the country.

### **PETZNICK STROKE CENTER** Donors contributed \$1,443,042

The Stroke Center implemented a full-service neurosonology lab, which utilizes Transcranial Doppler (TCD) ultrasound technology for the evaluation and treatment of stroke.

### **PITUITARY RESEARCH** Donors contributed \$61,000

The Pituitary Center has formally established the RAPID Research Consortium, a multicenter consortium focused on quality improvement efforts and clinical research for pituitary tumors.

### **SONNTAG SPINE CENTER** Donors contributed \$300,000

The inaugural Sonntag Spine Symposium, an educational conference, was attended by over 200 of the country's top spine surgeons and researchers.

### **THURSTON INNOVATION CENTER** Donors contributed \$12,500

The Innovation Center created 40 3-D printed skull models that were taken to Peru to provide doctors with hands-on neurosurgical training during an acclaimed Barrow-led training course.

### **VETERANS NERVE IMAGING RESEARCH** Donors contributed \$125,000

Dr. Dortch is working to develop and validate new MRI-based biomarkers for nerve repair to help veterans who have sustained nerve trauma.

### **ADDITIONAL AREAS SUPPORTED BY DESIGNATED FUNDS** Donors contributed \$1,105,000

Funds went to the Cleft and Craniofacial Center, Barrow Neuroplex, depression research, neuro-oncology research, Norton Thoracic Center research, and Warren Crist Education Fund.

### **UNRESTRICTED FUNDS** Donors contributed \$717,150

Unrestricted funds are being used to hire nurse educators with specific neurological and intensive care expertise to teach the growing workforce of new nurses at Barrow.



## 2022–23 WOMEN'S BOARD

The current Chairman of the Women's Board is Diane Might, with Amy Cohn and Erin Gogolak serving as the 2023 Barrow Grand Ball Co-Chairs.

Kathy Barrow	Erin Gogolak	Betsy Moore
Cathy Bentley	Penny Gunning	Carole Moreno
Shaun Bracken	Carrie Hall	Katie Mueller
Prue Brito	Marilyn W. Harris	Kathy Munson
Christy Burton	Sandra Hecomovich	Dionne Najafi
Jan Cacharis	Barbara Henward	Carolyn O'Malley
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Shan Francis	Jean Meenaghan	Susan Westra
Harriet Friedland	Angela Melczer	Pat Petznick Wick
Nancy Gaintner	Karen Meyer	Gay Firestone Wray
Dyan Getz	Diane Might	
Sandy Getz	Kolby Moffatt	