

Alzheimer's and Memory Disorders Program



Alzheimer's disease slowly robs patients of their memories, personality, identity, and autonomy. Eventually, they no longer recognize their loved ones, and their loved ones no longer recognize them. This is the painful reality for the nearly 7 million Americans living with Alzheimer's and the 11 million family members providing full-time care.

Led by Anna D. Burke, MD, the Alzheimer's and Memory Disorders Program provides compassionate care and support to patients and their loved ones. Barrow has more than 110 clinical staff and researchers focused on understanding the causes of Alzheimer's, transforming it from a terminal disease into a chronic disease, and preventing new cases from developing. This is possible thanks to the generosity of Barrow Neurological Foundation donors.

IMPACT OF PHILANTHROPY



19+
ongoing clinical trials



1ST
study testing a vaccine to prevent Alzheimer's in Down syndrome



2,227
patients and caregivers impacted by outreach program

Your support accelerates Alzheimer's and dementia research.

In 2024, leading Alzheimer's clinician-scientist Marwan Sabbagh, MD, FAAN, received the Moreno Family Chair for Alzheimer's Research. Established through a generous gift from Carole and Arte Moreno, this endowment provides Dr. Sabbagh with the resources to advance his cutting-edge work focused on changing the course of Alzheimer's and dementia.



RESEARCH FUNDED BY PHILANTHROPY

Advanced Imaging Biomarkers

Ashley Stokes, PhD, is investigating structural biomarkers in patients with subjective memory complaints compared to those with cognitive impairment and healthy individuals.

Default Mode Network

Sylvia Perez, PhD, is investigating mechanisms within the brain's default mode network, which is responsible for memory, that contribute to neuron resilience in specific aging populations.

Alpha-Synuclein in Dementia

Marwan Sabbagh, MD, FAAN, is investigating whether alpha-synuclein is detectable in plasma and can be used as a biomarker for Alzheimer's and related dementias.

Working Memory Training

Yonas E. Geda, MD, is leading a study to determine whether daily working memory training activities slow the progression of mild cognitive impairment to Alzheimer's disease.

APOE Astrocytes in Alzheimer's

Elliott Mufson, PhD, is analyzing brain cells that express the genetic marker APOE, which could lead to a novel target for Alzheimer's treatment.

You make a difference in the lives of patients and caregivers.

The Program's outreach and support team, which is fully funded by philanthropy, provides ongoing programs such as Memory Cafés, Care Partner Symposiums, educational workshops, and support groups. Last year, it implemented Spanish Self-Care Workshops for care partners. In addition, Dr. Burke provides monthly educational presentations to the community. She is accompanied by outreach team members who provide helpful resources to attendees.

Barrow recently welcomed DeJarra Johnson, MD, as the inaugural Dan Cracchiolo and Pam Grant Behavioral Neurology and Neuropsychiatry Fellow. The fellowship trains physicians in world-class care and research to meet the needs of the growing population of patients and families living with Alzheimer's.



A Husband's Gratitude

When David Hubbard's wife, Connie, was diagnosed with frontotemporal dementia (FTD), the memory disorders team provided her with world-class care throughout every stage of her journey. They also provided David with infinite support and resources. [Read the full story:](#)



SCAN ME

"I am grateful for Dr. Burke and the entire memory disorders team for giving Connie and I a clear understanding of her diagnosis and for their compassionate sense of support. We never felt alone."

David Hubbard



On The Horizon

Challenge Grant: A \$500,000 challenge grant has been set up to fund pilot projects testing high-risk, high-reward ideas. This means all gifts up to \$500,000 will be matched, doubling the impact of your donation.

Outreach Program: The outreach team will increase its presence in the community, providing education, resources, and information on research opportunities. It will also continue to grow its multicultural outreach efforts.



The mission of Barrow Neurological Foundation is simple: to be the catalyst of our donors' passion for transformation by providing the resources for Barrow Neurological Institute to achieve its mission of saving human lives through innovative treatment, groundbreaking research, and educating the next generation of the world's leading neuroscience specialists.