Hydrocephalus Association

HYDROCEPHALUS IN **NORTH CAROLINA**

HYDROCEPHALUS IS A CHRONIC NEUROLOGICAL CONDITION THAT HAS NO CURE. ANYONE AT ANY TIME CAN DEVELOP HYDROCEPHALUS, FROM INFANTS TO SENIORS. THE ONLY TREATMENT REQUIRES BRAIN SURGERY.

CONTRIBUTIONS TOWARD A BETTER TOMORROW

DUKE UNIVERSITY

2021 NIH NINDS **$582,524**
Learning to Predict Delayed Cerebral Ischemia with Novel Continuous Cerebral Arterial State Index.
Principal Investigators: Hu, Xiao & Vespa, Paul M

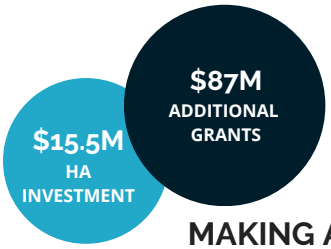
2022 Hydrocephalus Association **$1,500**
Potentiation of TMEM16A chloride channel in post-hemorrhagic hydrocephalus. Travel Award. Liang, Pengfei

ATRIUM WAKE FOREST BAPTIST

2021-2026 NIH NINDS Grant **$14,000,000**
Placebo-Controlled Effectiveness of Idiopathic Normal Pressure Hydrocephalus Shunting

SENSEER HEALTH INC.

2023 DOD CDMRP
Develop a coating to reduce cell growth on shunts.
Principal Investigator: McFarland, Todd



MAKING AN IMPACT

The Big Picture

2 Clinical Research Networks

1 Basic & Translational Research Network

2 Biobanks

1 Hydrocephalus Patient-Powered Registry

36% Decrease in Shunt Infection Rates

12 Preclinical Drug Therapies in testing

2 New Patent for a Drug Target

1 FDA Investigational New Drug Application



CHARLOTTE

WALK TO END HYDROCEPHALUS

Park Road Park, Charlotte
Saturday, September 28, 2024
charlottewalk@hydroassoc.org
hydroassoc.org/charlottewalk

COMMUNITY SUPPORT GROUP

Charlotte Community Network
State-wide Online Facebook Group
One-on-one Peer Support Volunteers