



HYDROCEPHALUS IN KENTUCKY

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

UNIVERSITY OF KENTUCKY

2020 NIH NINDS **\$185,437**

Reversing inflammatory macrophage activation as treatment for neonatal intraventricular hemorrhage and hydrocephalus. Principal Investigator: Miller, Brandon

2020 NIH NICHD **\$512,893**

Noninvasive Noncontact High-Density Optical Imaging of Neonatal Intraventricular Hemorrhage. Principal Investigator: Yu, Guoqiang

2021 NIH NICHD **\$535,724**

Noninvasive Noncontact High-Density Optical Imaging of Neonatal Intraventricular Hemorrhage. Principal Investigator: Yu, Guoqiang

\$13.8M
HA
INVESTMENT

\$73M
ADDITIONAL
GRANTS

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
- 11 Preclinical Drug Therapies in testing
- 1 New Patent for a Drug Target
- 1 FDA Investigational New Drug Application

LOUISVILLE

WALK TO END HYDROCEPHALUS

Joe Creason Park

2024 Date TBD

louisvillewalk@hydroassoc.org

hydroassoc.org/louisvillewalk



COMMUNITY SUPPORT GROUP

State-wide Online Facebook Group

One-on-one Peer Support Volunteers