

# HYDROCEPHALUS IN COLORADO

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 COLORADO DENVER

2022-2024 NIH NIGMS **\$139,604**

Actin promotes ciliary motility in Tetrahymena thermophila. Principal Investigator: Panzica, Michelle T

### UNIVERSITY OF COLORADO DENVER

2020 NIH NIGMS **\$319,627**

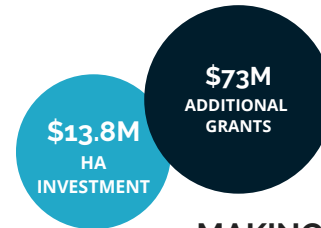
Mechanisms of basal body assembly, stability, and positioning. (Defects in the basal body can lead to ciliopathies and in turn hydrocephalus.)

Principal Investigator: Pearson, Chad G

### MEMBER

Hydrocephalus Clinical Research Network (HCRN)

Children's Hospital of Colorado, University of Colorado



## 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

## DENVER

### WALK TO END HYDROCEPHALUS

Redstone Park, Littleton

Sunday, September 15, 2024

[denverwalk@hydroassoc.org](mailto:denverwalk@hydroassoc.org)

[hydroassoc.org/denverwalk](http://hydroassoc.org/denverwalk)



## COMMUNITY SUPPORT GROUPS

Denver Community Network

State-wide Online Facebook Group

One-on-one Peer Support Volunteers